

# Appendix A

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Air Quality Emissions/Air Quality Emissions Health Risk Assessment

Annexation 2020-01 Kings River Development Operation - San Joaquin Valley Unified APCD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Annexation 2020-01 Kings River Development Operation**

**San Joaquin Valley Unified APCD Air District, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	192.74	1000sqft	4.43	192,743.00	0
Parking Lot	543.00	Space	4.96	216,037.00	0
Automobile Care Center	5.38	1000sqft	0.12	5,381.00	0
Fast Food Restaurant with Drive Thru	0.95	1000sqft	0.02	950.00	0
Strip Mall	13.25	1000sqft	0.31	13,248.00	0
Fast Food Restaurant with Drive Thru	3.11	1000sqft	0.17	3,110.00	0
Fast Food Restaurant with Drive Thru	2.00	1000sqft	0.04	2,000.00	0
Gasoline/Service Station	16.00	Pump	0.11	2,258.80	0
Strip Mall	13.44	1000sqft	0.31	13,440.00	0
Strip Mall	13.44	1000sqft	0.31	13,440.00	0
Hotel	104.00	Room	1.26	55,000.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Rural	<b>Wind Speed (m/s)</b>	2.7	<b>Precipitation Freq (Days)</b>	45
<b>Climate Zone</b>	3			<b>Operational Year</b>	2024
<b>Utility Company</b>	Pacific Gas and Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	203.98	<b>CH4 Intensity (lb/MWhr)</b>	0.033	<b>N2O Intensity (lb/MWhr)</b>	0.004

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics - Project located near Reedly, Fresno County. PG&E main utility provider. Project is located in a rural setting.



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Land Use - Project is separated into different land uses assuming each use is built individually. Lot acreage and sf based on applicant provided site plan. Acreage divided by percentage sf

Construction Phase - Construction anticipated to start February 2023

Architectural Coating - SJVAPCD Rule 4601

Vehicle Trips - trip gen not available per Peters Engineering Group (2022)

Area Coating - SJVAPCD Rule 4601

Construction Off-road Equipment Mitigation - Rule 8021 water 2x daily and 15 miles per hour vehicle speed  
Tier 4 mitigation assumed for construction equipment. Equipment under 50 hp assumed to be electrical

Area Mitigation - SJVAPCD Rule 4601

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	150.00	50.00
tblArchitecturalCoating	EF_Nonresidential_Interior	150.00	50.00
tblArchitecturalCoating	EF_Parking	150.00	50.00
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblLandUse	LandUseSquareFeet	217,200.00	216,037.00
tblLandUse	LandUseSquareFeet	5,380.00	5,381.00
tblLandUse	LandUseSquareFeet	151,008.00	55,000.00
tblLandUse	LotAcreage	4.42	4.43
tblLandUse	LotAcreage	4.89	4.96
tblLandUse	LotAcreage	0.30	0.31
tblLandUse	LotAcreage	0.07	0.17
tblLandUse	LotAcreage	0.05	0.04
tblLandUse	LotAcreage	0.05	0.11
tblLandUse	LotAcreage	3.47	1.26
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblVehicleTrips	WD_TR	470.95	467.48
tblVehicleTrips	WD_TR	172.01	257.13
tblVehicleTrips	WD_TR	8.36	10.84
tblVehicleTrips	WD_TR	44.32	42.20

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**2.0 Emissions Summary**

**2.1 Overall Construction**

**Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.3159	2.4897	2.9979	7.6400e-003	0.5538	0.1005	0.6543	0.1909	0.0940	0.2849	0.0000	690.5102	690.5102	0.0924	0.0278	701.1074
2024	0.4275	1.0014	1.4210	3.6100e-003	0.1683	0.0384	0.2066	0.0453	0.0361	0.0814	0.0000	327.2590	327.2590	0.0374	0.0140	332.3656
<b>Maximum</b>	<b>0.4275</b>	<b>2.4897</b>	<b>2.9979</b>	<b>7.6400e-003</b>	<b>0.5538</b>	<b>0.1005</b>	<b>0.6543</b>	<b>0.1909</b>	<b>0.0940</b>	<b>0.2849</b>	<b>0.0000</b>	<b>690.5102</b>	<b>690.5102</b>	<b>0.0924</b>	<b>0.0278</b>	<b>701.1074</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.3159	2.4896	2.9979	7.6400e-003	0.4238	0.1005	0.5243	0.1329	0.0940	0.2269	0.0000	690.5098	690.5098	0.0924	0.0278	701.1070
2024	0.4275	1.0014	1.4210	3.6100e-003	0.1683	0.0384	0.2066	0.0453	0.0361	0.0814	0.0000	327.2588	327.2588	0.0374	0.0140	332.3655
<b>Maximum</b>	<b>0.4275</b>	<b>2.4896</b>	<b>2.9979</b>	<b>7.6400e-003</b>	<b>0.4238</b>	<b>0.1005</b>	<b>0.5243</b>	<b>0.1329</b>	<b>0.0940</b>	<b>0.2269</b>	<b>0.0000</b>	<b>690.5098</b>	<b>690.5098</b>	<b>0.0924</b>	<b>0.0278</b>	<b>701.1070</b>

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	18.00	0.00	15.10	24.53	0.00	15.82	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	2-1-2023	4-30-2023	0.9689	0.9689
2	5-1-2023	7-31-2023	0.6889	0.6889
3	8-1-2023	10-31-2023	0.6920	0.6920
4	11-1-2023	1-31-2024	0.6849	0.6849
5	2-1-2024	4-30-2024	0.6415	0.6415
6	5-1-2024	7-31-2024	0.5642	0.5642
		Highest	0.9689	0.9689

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.5364	8.0000e-005	8.3200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0162	0.0162	4.0000e-005	0.0000	0.0173
Energy	0.0174	0.1583	0.1330	9.5000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	268.8809	268.8809	0.0189	5.0500e-003	270.8595
Mobile	3.3479	4.0680	21.6818	0.0383	3.4628	0.0369	3.4997	0.9268	0.0346	0.9614	0.0000	3,600.9117	3,600.9117	0.3101	0.2595	3,685.9975
Waste						0.0000	0.0000		0.0000	0.0000	40.2024	0.0000	40.2024	2.3759	0.0000	99.5997
Water						0.0000	0.0000		0.0000	0.0000	2.5916	4.9552	7.5468	0.2670	6.3800e-003	16.1232
<b>Total</b>	<b>3.9017</b>	<b>4.2265</b>	<b>21.8231</b>	<b>0.0393</b>	<b>3.4628</b>	<b>0.0490</b>	<b>3.5118</b>	<b>0.9268</b>	<b>0.0467</b>	<b>0.9735</b>	<b>42.7939</b>	<b>3,874.7640</b>	<b>3,917.5580</b>	<b>2.9719</b>	<b>0.2709</b>	<b>4,072.5971</b>

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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.5364	8.0000e-005	8.3200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0162	0.0162	4.0000e-005	0.0000	0.0173
Energy	0.0174	0.1583	0.1330	9.5000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	268.8809	268.8809	0.0189	5.0500e-003	270.8595
Mobile	3.3479	4.0680	21.6818	0.0383	3.4628	0.0369	3.4997	0.9268	0.0346	0.9614	0.0000	3,600.9117	3,600.9117	0.3101	0.2595	3,685.9975
Waste						0.0000	0.0000		0.0000	0.0000	40.2024	0.0000	40.2024	2.3759	0.0000	99.5997
Water						0.0000	0.0000		0.0000	0.0000	2.5916	4.9552	7.5468	0.2670	6.3800e-003	16.1232
<b>Total</b>	<b>3.9017</b>	<b>4.2265</b>	<b>21.8231</b>	<b>0.0393</b>	<b>3.4628</b>	<b>0.0490</b>	<b>3.5118</b>	<b>0.9268</b>	<b>0.0467</b>	<b>0.9735</b>	<b>42.7939</b>	<b>3,874.7640</b>	<b>3,917.5580</b>	<b>2.9719</b>	<b>0.2709</b>	<b>4,072.5971</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	2/1/2023	2/14/2023	5	10	
2	Grading	Grading	2/15/2023	3/28/2023	5	30	
3	Building Construction	Building Construction	3/29/2023	5/21/2024	5	300	

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4	Paving	Paving	5/22/2024	6/18/2024	5	20
5	Architectural Coating	Architectural Coating	6/19/2024	7/16/2024	5	20

**Acres of Grading (Site Preparation Phase): 15**

**Acres of Grading (Grading Phase): 90**

**Acres of Paving: 9.39**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 163,242; Non-Residential Outdoor: 54,414; Striped Parking Area: 24,527 (Architectural Coating – sqft)**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Grading	Excavators	2	8.00	158	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Grading	Scrapers	2	8.00	367	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

**Trips and VMT**

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Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	213.00	85.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	43.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

**3.2 Site Preparation - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0983	0.0000	0.0983	0.0505	0.0000	0.0505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.1376	0.0912	1.9000e-004		6.3300e-003	6.3300e-003		5.8200e-003	5.8200e-003	0.0000	16.7254	16.7254	5.4100e-003	0.0000	16.8606
<b>Total</b>	<b>0.0133</b>	<b>0.1376</b>	<b>0.0912</b>	<b>1.9000e-004</b>	<b>0.0983</b>	<b>6.3300e-003</b>	<b>0.1046</b>	<b>0.0505</b>	<b>5.8200e-003</b>	<b>0.0563</b>	<b>0.0000</b>	<b>16.7254</b>	<b>16.7254</b>	<b>5.4100e-003</b>	<b>0.0000</b>	<b>16.8606</b>

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**3.2 Site Preparation - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.7000e-004	3.2100e-003	1.0000e-005	1.1200e-003	1.0000e-005	1.1200e-003	3.0000e-004	1.0000e-005	3.0000e-004	0.0000	0.8974	0.8974	2.0000e-005	2.0000e-005	0.9050
<b>Total</b>	<b>3.7000e-004</b>	<b>2.7000e-004</b>	<b>3.2100e-003</b>	<b>1.0000e-005</b>	<b>1.1200e-003</b>	<b>1.0000e-005</b>	<b>1.1200e-003</b>	<b>3.0000e-004</b>	<b>1.0000e-005</b>	<b>3.0000e-004</b>	<b>0.0000</b>	<b>0.8974</b>	<b>0.8974</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.9050</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0442	0.0000	0.0442	0.0227	0.0000	0.0227	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.1376	0.0912	1.9000e-004		6.3300e-003	6.3300e-003		5.8200e-003	5.8200e-003	0.0000	16.7253	16.7253	5.4100e-003	0.0000	16.8606
<b>Total</b>	<b>0.0133</b>	<b>0.1376</b>	<b>0.0912</b>	<b>1.9000e-004</b>	<b>0.0442</b>	<b>6.3300e-003</b>	<b>0.0506</b>	<b>0.0227</b>	<b>5.8200e-003</b>	<b>0.0286</b>	<b>0.0000</b>	<b>16.7253</b>	<b>16.7253</b>	<b>5.4100e-003</b>	<b>0.0000</b>	<b>16.8606</b>



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**3.2 Site Preparation - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.7000e-004	2.7000e-004	3.2100e-003	1.0000e-005	1.1200e-003	1.0000e-005	1.1200e-003	3.0000e-004	1.0000e-005	3.0000e-004	0.0000	0.8974	0.8974	2.0000e-005	2.0000e-005	0.9050
<b>Total</b>	<b>3.7000e-004</b>	<b>2.7000e-004</b>	<b>3.2100e-003</b>	<b>1.0000e-005</b>	<b>1.1200e-003</b>	<b>1.0000e-005</b>	<b>1.1200e-003</b>	<b>3.0000e-004</b>	<b>1.0000e-005</b>	<b>3.0000e-004</b>	<b>0.0000</b>	<b>0.8974</b>	<b>0.8974</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.9050</b>

**3.3 Grading - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1381	0.0000	0.1381	0.0548	0.0000	0.0548	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0498	0.5177	0.4208	9.3000e-004		0.0214	0.0214		0.0197	0.0197	0.0000	81.8028	81.8028	0.0265	0.0000	82.4642
<b>Total</b>	<b>0.0498</b>	<b>0.5177</b>	<b>0.4208</b>	<b>9.3000e-004</b>	<b>0.1381</b>	<b>0.0214</b>	<b>0.1594</b>	<b>0.0548</b>	<b>0.0197</b>	<b>0.0745</b>	<b>0.0000</b>	<b>81.8028</b>	<b>81.8028</b>	<b>0.0265</b>	<b>0.0000</b>	<b>82.4642</b>

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**3.3 Grading - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2300e-003	8.9000e-004	0.0107	3.0000e-005	3.7300e-003	2.0000e-005	3.7500e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	2.9914	2.9914	7.0000e-005	8.0000e-005	3.0166
<b>Total</b>	<b>1.2300e-003</b>	<b>8.9000e-004</b>	<b>0.0107</b>	<b>3.0000e-005</b>	<b>3.7300e-003</b>	<b>2.0000e-005</b>	<b>3.7500e-003</b>	<b>9.9000e-004</b>	<b>2.0000e-005</b>	<b>1.0100e-003</b>	<b>0.0000</b>	<b>2.9914</b>	<b>2.9914</b>	<b>7.0000e-005</b>	<b>8.0000e-005</b>	<b>3.0166</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0621	0.0000	0.0621	0.0247	0.0000	0.0247	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0498	0.5177	0.4208	9.3000e-004		0.0214	0.0214		0.0197	0.0197	0.0000	81.8027	81.8027	0.0265	0.0000	82.4641
<b>Total</b>	<b>0.0498</b>	<b>0.5177</b>	<b>0.4208</b>	<b>9.3000e-004</b>	<b>0.0621</b>	<b>0.0214</b>	<b>0.0835</b>	<b>0.0247</b>	<b>0.0197</b>	<b>0.0443</b>	<b>0.0000</b>	<b>81.8027</b>	<b>81.8027</b>	<b>0.0265</b>	<b>0.0000</b>	<b>82.4641</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**3.3 Grading - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2300e-003	8.9000e-004	0.0107	3.0000e-005	3.7300e-003	2.0000e-005	3.7500e-003	9.9000e-004	2.0000e-005	1.0100e-003	0.0000	2.9914	2.9914	7.0000e-005	8.0000e-005	3.0166
<b>Total</b>	<b>1.2300e-003</b>	<b>8.9000e-004</b>	<b>0.0107</b>	<b>3.0000e-005</b>	<b>3.7300e-003</b>	<b>2.0000e-005</b>	<b>3.7500e-003</b>	<b>9.9000e-004</b>	<b>2.0000e-005</b>	<b>1.0100e-003</b>	<b>0.0000</b>	<b>2.9914</b>	<b>2.9914</b>	<b>7.0000e-005</b>	<b>8.0000e-005</b>	<b>3.0166</b>

**3.4 Building Construction - 2023**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1557	1.4241	1.6082	2.6700e-003		0.0693	0.0693		0.0652	0.0652	0.0000	229.4867	229.4867	0.0546	0.0000	230.8515
<b>Total</b>	<b>0.1557</b>	<b>1.4241</b>	<b>1.6082</b>	<b>2.6700e-003</b>		<b>0.0693</b>	<b>0.0693</b>		<b>0.0652</b>	<b>0.0652</b>	<b>0.0000</b>	<b>229.4867</b>	<b>229.4867</b>	<b>0.0546</b>	<b>0.0000</b>	<b>230.8515</b>

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**3.4 Building Construction - 2023**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.9200e-003	0.3462	0.1109	1.5500e-003	0.0505	2.1800e-003	0.0527	0.0146	2.0900e-003	0.0167	0.0000	148.3422	148.3422	6.6000e-004	0.0222	154.9759
Worker	0.0866	0.0628	0.7529	2.2600e-003	0.2621	1.3300e-003	0.2635	0.0697	1.2300e-003	0.0709	0.0000	210.2644	210.2644	5.1500e-003	5.5100e-003	212.0338
<b>Total</b>	<b>0.0955</b>	<b>0.4090</b>	<b>0.8638</b>	<b>3.8100e-003</b>	<b>0.3126</b>	<b>3.5100e-003</b>	<b>0.3161</b>	<b>0.0842</b>	<b>3.3200e-003</b>	<b>0.0876</b>	<b>0.0000</b>	<b>358.6066</b>	<b>358.6066</b>	<b>5.8100e-003</b>	<b>0.0277</b>	<b>367.0096</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1557	1.4241	1.6082	2.6700e-003		0.0693	0.0693		0.0652	0.0652	0.0000	229.4864	229.4864	0.0546	0.0000	230.8512
<b>Total</b>	<b>0.1557</b>	<b>1.4241</b>	<b>1.6082</b>	<b>2.6700e-003</b>		<b>0.0693</b>	<b>0.0693</b>		<b>0.0652</b>	<b>0.0652</b>	<b>0.0000</b>	<b>229.4864</b>	<b>229.4864</b>	<b>0.0546</b>	<b>0.0000</b>	<b>230.8512</b>

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**3.4 Building Construction - 2023**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	8.9200e-003	0.3462	0.1109	1.5500e-003	0.0505	2.1800e-003	0.0527	0.0146	2.0900e-003	0.0167	0.0000	148.3422	148.3422	6.6000e-004	0.0222	154.9759
Worker	0.0866	0.0628	0.7529	2.2600e-003	0.2621	1.3300e-003	0.2635	0.0697	1.2300e-003	0.0709	0.0000	210.2644	210.2644	5.1500e-003	5.5100e-003	212.0338
<b>Total</b>	<b>0.0955</b>	<b>0.4090</b>	<b>0.8638</b>	<b>3.8100e-003</b>	<b>0.3126</b>	<b>3.5100e-003</b>	<b>0.3161</b>	<b>0.0842</b>	<b>3.3200e-003</b>	<b>0.0876</b>	<b>0.0000</b>	<b>358.6066</b>	<b>358.6066</b>	<b>5.8100e-003</b>	<b>0.0277</b>	<b>367.0096</b>

**3.4 Building Construction - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0751	0.6856	0.8245	1.3700e-003		0.0313	0.0313		0.0294	0.0294	0.0000	118.2430	118.2430	0.0280	0.0000	118.9421
<b>Total</b>	<b>0.0751</b>	<b>0.6856</b>	<b>0.8245</b>	<b>1.3700e-003</b>		<b>0.0313</b>	<b>0.0313</b>		<b>0.0294</b>	<b>0.0294</b>	<b>0.0000</b>	<b>118.2430</b>	<b>118.2430</b>	<b>0.0280</b>	<b>0.0000</b>	<b>118.9421</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**3.4 Building Construction - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4800e-003	0.1784	0.0558	7.8000e-004	0.0260	1.1300e-003	0.0271	7.5100e-003	1.0800e-003	8.6000e-003	0.0000	75.1957	75.1957	3.2000e-004	0.0113	78.5564
Worker	0.0412	0.0284	0.3573	1.1300e-003	0.1350	6.5000e-004	0.1357	0.0359	6.0000e-004	0.0365	0.0000	105.6022	105.6022	2.3700e-003	2.6100e-003	106.4389
<b>Total</b>	<b>0.0457</b>	<b>0.2068</b>	<b>0.4131</b>	<b>1.9100e-003</b>	<b>0.1610</b>	<b>1.7800e-003</b>	<b>0.1628</b>	<b>0.0434</b>	<b>1.6800e-003</b>	<b>0.0451</b>	<b>0.0000</b>	<b>180.7978</b>	<b>180.7978</b>	<b>2.6900e-003</b>	<b>0.0139</b>	<b>184.9952</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0751	0.6856	0.8245	1.3700e-003		0.0313	0.0313		0.0294	0.0294	0.0000	118.2429	118.2429	0.0280	0.0000	118.9419
<b>Total</b>	<b>0.0751</b>	<b>0.6856</b>	<b>0.8245</b>	<b>1.3700e-003</b>		<b>0.0313</b>	<b>0.0313</b>		<b>0.0294</b>	<b>0.0294</b>	<b>0.0000</b>	<b>118.2429</b>	<b>118.2429</b>	<b>0.0280</b>	<b>0.0000</b>	<b>118.9419</b>

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**3.4 Building Construction - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.4800e-003	0.1784	0.0558	7.8000e-004	0.0260	1.1300e-003	0.0271	7.5100e-003	1.0800e-003	8.6000e-003	0.0000	75.1957	75.1957	3.2000e-004	0.0113	78.5564
Worker	0.0412	0.0284	0.3573	1.1300e-003	0.1350	6.5000e-004	0.1357	0.0359	6.0000e-004	0.0365	0.0000	105.6022	105.6022	2.3700e-003	2.6100e-003	106.4389
<b>Total</b>	<b>0.0457</b>	<b>0.2068</b>	<b>0.4131</b>	<b>1.9100e-003</b>	<b>0.1610</b>	<b>1.7800e-003</b>	<b>0.1628</b>	<b>0.0434</b>	<b>1.6800e-003</b>	<b>0.0451</b>	<b>0.0000</b>	<b>180.7978</b>	<b>180.7978</b>	<b>2.6900e-003</b>	<b>0.0139</b>	<b>184.9952</b>

**3.5 Paving - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.8800e-003	0.0953	0.1463	2.3000e-004		4.6900e-003	4.6900e-003		4.3100e-003	4.3100e-003	0.0000	20.0265	20.0265	6.4800e-003	0.0000	20.1885
Paving	0.0123					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0222</b>	<b>0.0953</b>	<b>0.1463</b>	<b>2.3000e-004</b>		<b>4.6900e-003</b>	<b>4.6900e-003</b>		<b>4.3100e-003</b>	<b>4.3100e-003</b>	<b>0.0000</b>	<b>20.0265</b>	<b>20.0265</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1885</b>

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**3.5 Paving - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7000e-004	3.9000e-004	4.9300e-003	2.0000e-005	1.8600e-003	1.0000e-005	1.8700e-003	5.0000e-004	1.0000e-005	5.0000e-004	0.0000	1.4582	1.4582	3.0000e-005	4.0000e-005	1.4697
<b>Total</b>	<b>5.7000e-004</b>	<b>3.9000e-004</b>	<b>4.9300e-003</b>	<b>2.0000e-005</b>	<b>1.8600e-003</b>	<b>1.0000e-005</b>	<b>1.8700e-003</b>	<b>5.0000e-004</b>	<b>1.0000e-005</b>	<b>5.0000e-004</b>	<b>0.0000</b>	<b>1.4582</b>	<b>1.4582</b>	<b>3.0000e-005</b>	<b>4.0000e-005</b>	<b>1.4697</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.8800e-003	0.0953	0.1463	2.3000e-004		4.6900e-003	4.6900e-003		4.3100e-003	4.3100e-003	0.0000	20.0265	20.0265	6.4800e-003	0.0000	20.1884
Paving	0.0123					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0222</b>	<b>0.0953</b>	<b>0.1463</b>	<b>2.3000e-004</b>		<b>4.6900e-003</b>	<b>4.6900e-003</b>		<b>4.3100e-003</b>	<b>4.3100e-003</b>	<b>0.0000</b>	<b>20.0265</b>	<b>20.0265</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1884</b>



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**3.5 Paving - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.7000e-004	3.9000e-004	4.9300e-003	2.0000e-005	1.8600e-003	1.0000e-005	1.8700e-003	5.0000e-004	1.0000e-005	5.0000e-004	0.0000	1.4582	1.4582	3.0000e-005	4.0000e-005	1.4697
<b>Total</b>	<b>5.7000e-004</b>	<b>3.9000e-004</b>	<b>4.9300e-003</b>	<b>2.0000e-005</b>	<b>1.8600e-003</b>	<b>1.0000e-005</b>	<b>1.8700e-003</b>	<b>5.0000e-004</b>	<b>1.0000e-005</b>	<b>5.0000e-004</b>	<b>0.0000</b>	<b>1.4582</b>	<b>1.4582</b>	<b>3.0000e-005</b>	<b>4.0000e-005</b>	<b>1.4697</b>

**3.6 Architectural Coating - 2024**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2806					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8100e-003	0.0122	0.0181	3.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5569
<b>Total</b>	<b>0.2824</b>	<b>0.0122</b>	<b>0.0181</b>	<b>3.0000e-005</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>2.5569</b>

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**3.6 Architectural Coating - 2024**

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6300e-003	1.1200e-003	0.0141	4.0000e-005	5.3500e-003	3.0000e-005	5.3700e-003	1.4200e-003	2.0000e-005	1.4400e-003	0.0000	4.1802	4.1802	9.0000e-005	1.0000e-004	4.2133
<b>Total</b>	<b>1.6300e-003</b>	<b>1.1200e-003</b>	<b>0.0141</b>	<b>4.0000e-005</b>	<b>5.3500e-003</b>	<b>3.0000e-005</b>	<b>5.3700e-003</b>	<b>1.4200e-003</b>	<b>2.0000e-005</b>	<b>1.4400e-003</b>	<b>0.0000</b>	<b>4.1802</b>	<b>4.1802</b>	<b>9.0000e-005</b>	<b>1.0000e-004</b>	<b>4.2133</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2806					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8100e-003	0.0122	0.0181	3.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5568
<b>Total</b>	<b>0.2824</b>	<b>0.0122</b>	<b>0.0181</b>	<b>3.0000e-005</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>		<b>6.1000e-004</b>	<b>6.1000e-004</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>2.5568</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**3.6 Architectural Coating - 2024**

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6300e-003	1.1200e-003	0.0141	4.0000e-005	5.3500e-003	3.0000e-005	5.3700e-003	1.4200e-003	2.0000e-005	1.4400e-003	0.0000	4.1802	4.1802	9.0000e-005	1.0000e-004	4.2133
<b>Total</b>	<b>1.6300e-003</b>	<b>1.1200e-003</b>	<b>0.0141</b>	<b>4.0000e-005</b>	<b>5.3500e-003</b>	<b>3.0000e-005</b>	<b>5.3700e-003</b>	<b>1.4200e-003</b>	<b>2.0000e-005</b>	<b>1.4400e-003</b>	<b>0.0000</b>	<b>4.1802</b>	<b>4.1802</b>	<b>9.0000e-005</b>	<b>1.0000e-004</b>	<b>4.2133</b>

**4.0 Operational Detail - Mobile**

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**4.1 Mitigation Measures Mobile**

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.3479	4.0680	21.6818	0.0383	3.4628	0.0369	3.4997	0.9268	0.0346	0.9614	0.0000	3,600.9117	3,600.9117	0.3101	0.2595	3,685.9975
Unmitigated	3.3479	4.0680	21.6818	0.0383	3.4628	0.0369	3.4997	0.9268	0.0346	0.9614	0.0000	3,600.9117	3,600.9117	0.3101	0.2595	3,685.9975

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Automobile Care Center	127.61	127.61	63.91	136,217	136,217
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Fast Food Restaurant with Drive Thru	444.11	585.31	448.95	401,380	401,380
Fast Food Restaurant with Drive Thru	1,453.86	1,916.13	1469.72	1,313,993	1,313,993
Fast Food Restaurant with Drive Thru	934.96	1,232.24	945.16	845,012	845,012
Gasoline/Service Station	4,114.08	2,914.72	2670.08	1,988,579	1,988,579
Hotel	1,127.36	851.76	618.80	2,039,984	2,039,984
Strip Mall	559.07	556.95	270.66	826,012	826,012
Strip Mall	567.17	565.02	274.58	837,983	837,983
Strip Mall	567.17	565.02	274.58	837,983	837,983
<b>Total</b>	<b>9,895.38</b>	<b>9,314.76</b>	<b>7,036.44</b>	<b>9,227,144</b>	<b>9,227,144</b>

**4.3 Trip Type Information**

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Automobile Care Center	14.70	6.60	6.60	33.00	48.00	19.00	21	51	28
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Parking Lot	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0
Fast Food Restaurant with Drive	14.70	6.60	6.60	2.20	78.80	19.00	29	21	50
Fast Food Restaurant with Drive	14.70	6.60	6.60	2.20	78.80	19.00	29	21	50
Fast Food Restaurant with Drive	14.70	6.60	6.60	2.20	78.80	19.00	29	21	50
Gasoline/Service Station	14.70	6.60	6.60	2.00	79.00	19.00	14	27	59
Hotel	14.70	6.60	6.60	19.40	61.60	19.00	58	38	4
Strip Mall	14.70	6.60	6.60	16.60	64.40	19.00	45	40	15
Strip Mall	14.70	6.60	6.60	16.60	64.40	19.00	45	40	15
Strip Mall	14.70	6.60	6.60	16.60	64.40	19.00	45	40	15

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Automobile Care Center	0.511221	0.052103	0.170611	0.160645	0.028932	0.007649	0.013284	0.025916	0.000654	0.000315	0.023645	0.001472	0.003552
Other Asphalt Surfaces	0.511221	0.052103	0.170611	0.160645	0.028932	0.007649	0.013284	0.025916	0.000654	0.000315	0.023645	0.001472	0.003552
Parking Lot	0.511221	0.052103	0.170611	0.160645	0.028932	0.007649	0.013284	0.025916	0.000654	0.000315	0.023645	0.001472	0.003552
Fast Food Restaurant with Drive Thru	0.511221	0.052103	0.170611	0.160645	0.028932	0.007649	0.013284	0.025916	0.000654	0.000315	0.023645	0.001472	0.003552
Gasoline/Service Station	0.511221	0.052103	0.170611	0.160645	0.028932	0.007649	0.013284	0.025916	0.000654	0.000315	0.023645	0.001472	0.003552
Hotel	0.511221	0.052103	0.170611	0.160645	0.028932	0.007649	0.013284	0.025916	0.000654	0.000315	0.023645	0.001472	0.003552
Strip Mall	0.511221	0.052103	0.170611	0.160645	0.028932	0.007649	0.013284	0.025916	0.000654	0.000315	0.023645	0.001472	0.003552

**5.0 Energy Detail**

Historical Energy Use: N

**5.1 Mitigation Measures Energy**

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	96.5043	96.5043	0.0156	1.8900e-003	97.4586
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	96.5043	96.5043	0.0156	1.8900e-003	97.4586
Natural Gas Mitigated	0.0174	0.1583	0.1330	9.5000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	172.3766	172.3766	3.3000e-003	3.1600e-003	173.4010
Natural Gas Unmitigated	0.0174	0.1583	0.1330	9.5000e-004		0.0120	0.0120		0.0120	0.0120	0.0000	172.3766	172.3766	3.3000e-003	3.1600e-003	173.4010

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**5.2 Energy by Land Use - NaturalGas**

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Automobile Care Center	111387	6.0000e-004	5.4600e-003	4.5900e-003	3.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	5.9440	5.9440	1.1000e-004	1.1000e-004	5.9793
Fast Food Restaurant with Drive Thru	199557	1.0800e-003	9.7800e-003	8.2200e-003	6.0000e-005		7.4000e-004	7.4000e-004		7.4000e-004	7.4000e-004	0.0000	10.6491	10.6491	2.0000e-004	2.0000e-004	10.7124
Fast Food Restaurant with Drive Thru	420120	2.2700e-003	0.0206	0.0173	1.2000e-004		1.5700e-003	1.5700e-003		1.5700e-003	1.5700e-003	0.0000	22.4192	22.4192	4.3000e-004	4.1000e-004	22.5524
Fast Food Restaurant with Drive Thru	653287	3.5200e-003	0.0320	0.0269	1.9000e-004		2.4300e-003	2.4300e-003		2.4300e-003	2.4300e-003	0.0000	34.8619	34.8619	6.7000e-004	6.4000e-004	35.0690
Gasoline/Service Station	46757.2	2.5000e-004	2.2900e-003	1.9300e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	2.4951	2.4951	5.0000e-005	5.0000e-005	2.5100
Hotel	1.37335e+006	7.4100e-003	0.0673	0.0566	4.0000e-004		5.1200e-003	5.1200e-003		5.1200e-003	5.1200e-003	0.0000	73.2872	73.2872	1.4000e-003	1.3400e-003	73.7227
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	140561	7.6000e-004	6.8900e-003	5.7900e-003	4.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	7.5009	7.5009	1.4000e-004	1.4000e-004	7.5455
Strip Mall	142598	1.5400e-003	0.0140	0.0117	8.0000e-005		1.0600e-003	1.0600e-003		1.0600e-003	1.0600e-003	0.0000	15.2192	15.2192	2.9000e-004	2.8000e-004	15.3096
<b>Total</b>		<b>0.0174</b>	<b>0.1583</b>	<b>0.1330</b>	<b>9.3000e-004</b>		<b>0.0120</b>	<b>0.0120</b>		<b>0.0120</b>	<b>0.0120</b>	<b>0.0000</b>	<b>172.3766</b>	<b>172.3766</b>	<b>3.2900e-003</b>	<b>3.1700e-003</b>	<b>173.4010</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**5.2 Energy by Land Use - NaturalGas**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Automobile Care Center	111387	6.0000e-004	5.4600e-003	4.5900e-003	3.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	5.9440	5.9440	1.1000e-004	1.1000e-004	5.9793
Fast Food Restaurant with Drive Thru	199557	1.0800e-003	9.7800e-003	8.2200e-003	6.0000e-005		7.4000e-004	7.4000e-004		7.4000e-004	7.4000e-004	0.0000	10.6491	10.6491	2.0000e-004	2.0000e-004	10.7124
Fast Food Restaurant with Drive Thru	420120	2.2700e-003	0.0206	0.0173	1.2000e-004		1.5700e-003	1.5700e-003		1.5700e-003	1.5700e-003	0.0000	22.4192	22.4192	4.3000e-004	4.1000e-004	22.5524
Fast Food Restaurant with Drive Thru	653287	3.5200e-003	0.0320	0.0269	1.9000e-004		2.4300e-003	2.4300e-003		2.4300e-003	2.4300e-003	0.0000	34.8619	34.8619	6.7000e-004	6.4000e-004	35.0690
Gasoline/Service Station	46757.2	2.5000e-004	2.2900e-003	1.9300e-003	1.0000e-005		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004	0.0000	2.4951	2.4951	5.0000e-005	5.0000e-005	2.5100
Hotel	1.37335e+006	7.4100e-003	0.0673	0.0566	4.0000e-004		5.1200e-003	5.1200e-003		5.1200e-003	5.1200e-003	0.0000	73.2872	73.2872	1.4000e-003	1.3400e-003	73.7227
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	140561	7.6000e-004	6.8900e-003	5.7900e-003	4.0000e-005		5.2000e-004	5.2000e-004		5.2000e-004	5.2000e-004	0.0000	7.5009	7.5009	1.4000e-004	1.4000e-004	7.5455
Strip Mall	142598	1.5400e-003	0.0140	0.0117	8.0000e-005		1.0600e-003	1.0600e-003		1.0600e-003	1.0600e-003	0.0000	15.2192	15.2192	2.9000e-004	2.8000e-004	15.3096
<b>Total</b>		<b>0.0174</b>	<b>0.1583</b>	<b>0.1330</b>	<b>9.3000e-004</b>		<b>0.0120</b>	<b>0.0120</b>		<b>0.0120</b>	<b>0.0120</b>	<b>0.0000</b>	<b>172.3766</b>	<b>172.3766</b>	<b>3.2900e-003</b>	<b>3.1700e-003</b>	<b>173.4010</b>



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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Automobile Care Center	46330.4	4.2867	6.9000e-004	8.0000e-005	4.3291
Fast Food Restaurant with Drive Thru	26856.5	2.4849	4.0000e-004	5.0000e-005	2.5094
Fast Food Restaurant with Drive Thru	56540	5.2313	8.5000e-004	1.0000e-004	5.2830
Fast Food Restaurant with Drive Thru	87919.7	8.1347	1.3200e-003	1.6000e-004	8.2151
Gasoline/Service Station	19448.3	1.7994	2.9000e-004	4.0000e-005	1.8172
Hotel	412500	38.1661	6.1700e-003	7.5000e-004	38.5435
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	75612.9	6.9960	1.1300e-003	1.4000e-004	7.0652
Strip Mall	104924	9.7080	1.5700e-003	1.9000e-004	9.8040
Strip Mall	106445	19.6974	3.1900e-003	3.9000e-004	19.8921
<b>Total</b>		<b>96.5043</b>	<b>0.0156</b>	<b>1.9000e-003</b>	<b>97.4585</b>

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**5.3 Energy by Land Use - Electricity**

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Automobile Care Center	46330.4	4.2867	6.9000e-004	8.0000e-005	4.3291
Fast Food Restaurant with Drive Thru	26856.5	2.4849	4.0000e-004	5.0000e-005	2.5094
Fast Food Restaurant with Drive Thru	56540	5.2313	8.5000e-004	1.0000e-004	5.2830
Fast Food Restaurant with Drive Thru	87919.7	8.1347	1.3200e-003	1.6000e-004	8.2151
Gasoline/Service Station	19448.3	1.7994	2.9000e-004	4.0000e-005	1.8172
Hotel	412500	38.1661	6.1700e-003	7.5000e-004	38.5435
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	75612.9	6.9960	1.1300e-003	1.4000e-004	7.0652
Strip Mall	104924	9.7080	1.5700e-003	1.9000e-004	9.8040
Strip Mall	106445	19.6974	3.1900e-003	3.9000e-004	19.8921
<b>Total</b>		<b>96.5043</b>	<b>0.0156</b>	<b>1.9000e-003</b>	<b>97.4585</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

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**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.5364	8.0000e-005	8.3200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0162	0.0162	4.0000e-005	0.0000	0.0173
Unmitigated	0.5364	8.0000e-005	8.3200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0162	0.0162	4.0000e-005	0.0000	0.0173

**6.2 Area by SubCategory**

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0842					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4515					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.7000e-004	8.0000e-005	8.3200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0162	0.0162	4.0000e-005	0.0000	0.0173
<b>Total</b>	<b>0.5364</b>	<b>8.0000e-005</b>	<b>8.3200e-003</b>	<b>0.0000</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0162</b>	<b>0.0162</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.0173</b>

Annexation 2020-01 Kings River Development Operation - San Joaquin Valley Unified APCD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**6.2 Area by SubCategory**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0842					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4515					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	7.7000e-004	8.0000e-005	8.3200e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0162	0.0162	4.0000e-005	0.0000	0.0173
<b>Total</b>	<b>0.5364</b>	<b>8.0000e-005</b>	<b>8.3200e-003</b>	<b>0.0000</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0162</b>	<b>0.0162</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.0173</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

Annexation 2020-01 Kings River Development Operation - San Joaquin Valley Unified APCD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	7.5468	0.2670	6.3800e-003	16.1232
Unmitigated	7.5468	0.2670	6.3800e-003	16.1232

Annexation 2020-01 Kings River Development Operation - San Joaquin Valley Unified APCD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Automobile Care Center	0.506156 / 0.310225	0.5145	0.0166	4.0000e-004	1.0463
Fast Food Restaurant with Drive Thru	1.83941 / 0.117409	1.5425	0.0601	1.4300e-003	3.4721
Gasoline/Service Station	0.21251 / 0.130248	0.2160	6.9500e-003	1.7000e-004	0.4393
Hotel	2.63814 / 0.293127	2.2527	0.0862	2.0600e-003	5.0206
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	2.97253 / 1.82187	3.0212	0.0972	2.3300e-003	6.1448
<b>Total</b>		<b>7.5468</b>	<b>0.2670</b>	<b>6.3900e-003</b>	<b>16.1232</b>

Annexation 2020-01 Kings River Development Operation - San Joaquin Valley Unified APCD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**7.2 Water by Land Use**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Automobile Care Center	0.506156 / 0.310225	0.5145	0.0166	4.0000e-004	1.0463
Fast Food Restaurant with Drive Thru	1.83941 / 0.117409	1.5425	0.0601	1.4300e-003	3.4721
Gasoline/Service Station	0.21251 / 0.130248	0.2160	6.9500e-003	1.7000e-004	0.4393
Hotel	2.63814 / 0.293127	2.2527	0.0862	2.0600e-003	5.0206
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	2.97253 / 1.82187	3.0212	0.0972	2.3300e-003	6.1448
<b>Total</b>		<b>7.5468</b>	<b>0.2670</b>	<b>6.3900e-003</b>	<b>16.1232</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

Annexation 2020-01 Kings River Development Operation - San Joaquin Valley Unified APCD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	40.2024	2.3759	0.0000	99.5997
Unmitigated	40.2024	2.3759	0.0000	99.5997



Annexation 2020-01 Kings River Development Operation - San Joaquin Valley Unified APCD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Automobile Care Center	20.55	4.1715	0.2465	0.0000	10.3346
Fast Food Restaurant with Drive Thru	69.8	14.1688	0.8374	0.0000	35.1025
Gasoline/Service Station	8.62	1.7498	0.1034	0.0000	4.3350
Hotel	56.94	11.5583	0.6831	0.0000	28.6352
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	42.14	8.5540	0.5055	0.0000	21.1923
<b>Total</b>		<b>40.2024</b>	<b>2.3759</b>	<b>0.0000</b>	<b>99.5997</b>

Annexation 2020-01 Kings River Development Operation - San Joaquin Valley Unified APCD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**8.2 Waste by Land Use**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Automobile Care Center	20.55	4.1715	0.2465	0.0000	10.3346
Fast Food Restaurant with Drive Thru	69.8	14.1688	0.8374	0.0000	35.1025
Gasoline/Service Station	8.62	1.7498	0.1034	0.0000	4.3350
Hotel	56.94	11.5583	0.6831	0.0000	28.6352
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	42.14	8.5540	0.5055	0.0000	21.1923
<b>Total</b>		<b>40.2024</b>	<b>2.3759</b>	<b>0.0000</b>	<b>99.5997</b>

**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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**10.0 Stationary Equipment**

**Fire Pumps and Emergency Generators**

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Annexation 2020-01 Kings River Development Operation - San Joaquin Valley Unified APCD Air District, Annual

**EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied**

**Boilers**

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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**User Defined Equipment**

Equipment Type	Number
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**11.0 Vegetation**

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## **Manning Ave. Annexation 2020-01 Project Construction Health Risk Assessment**

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- 1: Risk Summary
- 2: Unmitigated Parcel 1 Risk
- 3: Unmitigated Parcel 2 Risk
- 4: Unmitigated Parcel 3 Risk
- 5: Unmitigated Parcel 4 Risk
- 6: Unmitigated Parcel 5 Risk
- 7: Unmitigated Parcel 6 Risk
- 8: Unmitigated Parcel 7 Risk
- 9: Unmitigated Parcel 8 Risk
- 10: Unmitigated Parcel 9 Risk
- 11: AERMOD Output



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

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## 1: Risk Summary



rincon

**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

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**Manning Ave. Annexation 2020-01 Project  
Unmitigated Cancer Risk Total Project Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
Max Risk	2.509E-01	1.225E-01	6.405E-02	3.937E-02	1.707E-02	1.823E-02	4.766E-02	0.000E+00	0.000E+00	0.000E+00
Max Receptor	2.240E+02	224	224	239	239	239	239	#N/A	#N/A	#N/A
1	5.454E-03	1.207E-03	1.2E-03	1.18E-03	3.74E-04	3.694E-04	1.14E-03			
2	5.726E-03	1.284E-03	1.2E-03	1.23E-03	3.90E-04	3.859E-04	1.19E-03			
3	5.846E-03	1.345E-03	1.3E-03	1.25E-03	3.96E-04	3.910E-04	1.20E-03			
4	7.768E-03	1.709E-03	1.6E-03	1.68E-03	5.43E-04	5.393E-04	1.66E-03			
5	8.089E-03	1.759E-03	1.7E-03	1.74E-03	5.69E-04	5.677E-04	1.76E-03			
6	8.405E-03	1.807E-03	1.7E-03	1.81E-03	5.94E-04	5.959E-04	1.86E-03			
7	8.714E-03	1.855E-03	1.8E-03	1.87E-03	6.19E-04	6.235E-04	1.96E-03			
8	9.020E-03	1.906E-03	1.8E-03	1.93E-03	6.42E-04	6.500E-04	2.06E-03			
9	9.329E-03	1.963E-03	1.9E-03	1.98E-03	6.64E-04	6.753E-04	2.16E-03			
10	9.650E-03	2.030E-03	1.9E-03	2.04E-03	6.86E-04	6.994E-04	2.25E-03			
11	9.995E-03	2.112E-03	2.0E-03	2.11E-03	7.07E-04	7.228E-04	2.34E-03			
12	1.039E-02	2.212E-03	2.1E-03	2.18E-03	7.30E-04	7.469E-04	2.42E-03			
13	1.085E-02	2.329E-03	2.2E-03	2.28E-03	7.58E-04	7.743E-04	2.52E-03			
14	1.137E-02	2.462E-03	2.3E-03	2.39E-03	7.89E-04	8.038E-04	2.61E-03			
15	1.197E-02	2.612E-03	2.5E-03	2.52E-03	8.27E-04	8.382E-04	2.71E-03			
16	1.266E-02	2.770E-03	2.6E-03	2.68E-03	8.73E-04	8.815E-04	2.84E-03			
17	1.343E-02	2.928E-03	2.8E-03	2.86E-03	9.29E-04	9.346E-04	3.00E-03			
18	1.427E-02	3.099E-03	2.9E-03	3.05E-03	9.93E-04	9.966E-04	3.18E-03			
19	1.516E-02	3.257E-03	3.1E-03	3.24E-03	1.06E-03	1.067E-03	3.41E-03			
20	1.604E-02	3.393E-03	3.3E-03	3.43E-03	1.13E-03	1.144E-03	3.67E-03			
21	1.687E-02	3.502E-03	3.4E-03	3.60E-03	1.20E-03	1.221E-03	3.94E-03			
22	1.760E-02	3.576E-03	3.5E-03	3.75E-03	1.27E-03	1.295E-03	4.22E-03			
23	1.820E-02	3.614E-03	3.6E-03	3.86E-03	1.32E-03	1.360E-03	4.47E-03			
24	1.861E-02	3.616E-03	3.6E-03	3.93E-03	1.36E-03	1.412E-03	4.68E-03			
25	1.882E-02	3.583E-03	3.6E-03	3.95E-03	1.39E-03	1.448E-03	4.84E-03			
26	5.868E-03	1.308E-03	1.3E-03	1.27E-03	4.01E-04	3.963E-04	1.21E-03			
27	6.173E-03	1.391E-03	1.3E-03	1.33E-03	4.20E-04	4.150E-04	1.27E-03			
28	6.317E-03	1.462E-03	1.4E-03	1.35E-03	4.27E-04	4.212E-04	1.29E-03			
29	8.598E-03	1.905E-03	1.8E-03	1.86E-03	5.99E-04	5.933E-04	1.83E-03			

Max	Receptor #
0.251	224

**Manning Ave. Annexation 2020-01 Project  
Unmitigated Cancer Risk Total Project Summary**

Receptor #	<i>Cancer Risk from Birth to 2 Years</i>									
	Total Per/Million	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
30	8.992E-03	1.967E-03	1.9E-03	1.94E-03	6.31E-04	6.281E-04	1.94E-03			
31	9.384E-03	2.027E-03	1.9E-03	2.02E-03	6.63E-04	6.633E-04	2.06E-03			
32	9.772E-03	2.087E-03	2.0E-03	2.10E-03	6.94E-04	6.981E-04	2.19E-03			
33	1.016E-02	2.150E-03	2.1E-03	2.17E-03	7.24E-04	7.318E-04	2.32E-03			
34	1.054E-02	2.221E-03	2.1E-03	2.24E-03	7.52E-04	7.639E-04	2.44E-03			
35	1.095E-02	2.306E-03	2.2E-03	2.31E-03	7.79E-04	7.946E-04	2.56E-03			
36	1.139E-02	2.410E-03	2.3E-03	2.40E-03	8.06E-04	8.242E-04	2.67E-03			
37	1.191E-02	2.538E-03	2.4E-03	2.50E-03	8.36E-04	8.565E-04	2.79E-03			
38	1.250E-02	2.684E-03	2.5E-03	2.62E-03	8.72E-04	8.912E-04	2.91E-03			
39	1.315E-02	2.857E-03	2.7E-03	2.76E-03	9.11E-04	9.278E-04	3.02E-03			
40	1.392E-02	3.044E-03	2.9E-03	2.94E-03	9.60E-04	9.727E-04	3.16E-03			
41	1.481E-02	3.236E-03	3.0E-03	3.14E-03	1.02E-03	1.030E-03	3.33E-03			
42	1.579E-02	3.436E-03	3.3E-03	3.37E-03	1.09E-03	1.100E-03	3.53E-03			
43	1.684E-02	3.629E-03	3.5E-03	3.60E-03	1.18E-03	1.182E-03	3.79E-03			
44	1.791E-02	3.800E-03	3.6E-03	3.84E-03	1.26E-03	1.274E-03	4.09E-03			
45	1.895E-02	3.936E-03	3.8E-03	4.05E-03	1.35E-03	1.370E-03	4.43E-03			
46	1.988E-02	4.029E-03	3.9E-03	4.24E-03	1.43E-03	1.464E-03	4.77E-03			
47	2.063E-02	4.076E-03	4.0E-03	4.37E-03	1.50E-03	1.548E-03	5.10E-03			
48	2.117E-02	4.076E-03	4.1E-03	4.46E-03	1.56E-03	1.615E-03	5.38E-03			
49	2.144E-02	4.032E-03	4.1E-03	4.49E-03	1.59E-03	1.662E-03	5.59E-03			
50	2.145E-02	3.950E-03	4.0E-03	4.47E-03	1.60E-03	1.684E-03	5.71E-03			
51	6.329E-03	1.420E-03	1.4E-03	1.37E-03	4.32E-04	4.258E-04	1.30E-03			
52	6.677E-03	1.513E-03	1.5E-03	1.44E-03	4.54E-04	4.475E-04	1.37E-03			
53	6.855E-03	1.596E-03	1.5E-03	1.47E-03	4.62E-04	4.556E-04	1.39E-03			
54	9.577E-03	2.140E-03	2.0E-03	2.07E-03	6.64E-04	6.560E-04	2.01E-03			
55	1.006E-02	2.218E-03	2.1E-03	2.18E-03	7.04E-04	6.987E-04	2.15E-03			
56	1.055E-02	2.293E-03	2.2E-03	2.28E-03	7.45E-04	7.428E-04	2.30E-03			
57	1.104E-02	2.368E-03	2.3E-03	2.38E-03	7.84E-04	7.871E-04	2.46E-03			
58	1.153E-02	2.447E-03	2.3E-03	2.47E-03	8.22E-04	8.304E-04	2.62E-03			
59	1.203E-02	2.538E-03	2.4E-03	2.56E-03	8.59E-04	8.723E-04	2.78E-03			
60	1.256E-02	2.648E-03	2.5E-03	2.65E-03	8.94E-04	9.124E-04	2.94E-03			

**Manning Ave. Annexation 2020-01 Project  
Unmitigated Cancer Risk Total Project Summary**

Receptor #	<i>Cancer Risk from Birth to 2 Years</i>									
	Total Per/Million	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
61	1.313E-02	2.783E-03	2.6E-03	2.76E-03	9.28E-04	9.509E-04	3.09E-03			
62	1.381E-02	2.950E-03	2.8E-03	2.89E-03	9.69E-04	9.937E-04	3.25E-03			
63	1.457E-02	3.139E-03	2.9E-03	3.05E-03	1.01E-03	1.037E-03	3.40E-03			
64	1.543E-02	3.361E-03	3.1E-03	3.24E-03	1.07E-03	1.085E-03	3.55E-03			
65	1.643E-02	3.597E-03	3.4E-03	3.47E-03	1.13E-03	1.145E-03	3.73E-03			
66	1.758E-02	3.834E-03	3.6E-03	3.74E-03	1.21E-03	1.223E-03	3.96E-03			
67	1.883E-02	4.074E-03	3.9E-03	4.03E-03	1.31E-03	1.317E-03	4.24E-03			
68	2.015E-02	4.293E-03	4.1E-03	4.32E-03	1.42E-03	1.428E-03	4.59E-03			
69	2.144E-02	4.461E-03	4.3E-03	4.59E-03	1.53E-03	1.548E-03	5.00E-03			
70	2.263E-02	4.580E-03	4.5E-03	4.83E-03	1.63E-03	1.668E-03	5.44E-03			
71	2.362E-02	4.638E-03	4.6E-03	5.01E-03	1.73E-03	1.778E-03	5.87E-03			
72	2.431E-02	4.636E-03	4.6E-03	5.12E-03	1.79E-03	1.867E-03	6.25E-03			
73	2.468E-02	4.577E-03	4.6E-03	5.16E-03	1.84E-03	1.929E-03	6.53E-03			
74	2.468E-02	4.468E-03	4.6E-03	5.13E-03	1.85E-03	1.958E-03	6.70E-03			
75	2.435E-02	4.319E-03	4.5E-03	5.03E-03	1.83E-03	1.955E-03	6.73E-03			
76	6.847E-03	1.548E-03	1.5E-03	1.48E-03	4.66E-04	4.581E-04	1.39E-03			
77	7.245E-03	1.652E-03	1.6E-03	1.56E-03	4.92E-04	4.834E-04	1.47E-03			
78	7.476E-03	1.752E-03	1.6E-03	1.60E-03	5.03E-04	4.948E-04	1.51E-03			
79	1.074E-02	2.425E-03	2.3E-03	2.33E-03	7.41E-04	7.293E-04	2.24E-03			
80	1.135E-02	2.524E-03	2.4E-03	2.46E-03	7.91E-04	7.819E-04	2.40E-03			
81	1.197E-02	2.620E-03	2.5E-03	2.59E-03	8.43E-04	8.374E-04	2.59E-03			
82	1.259E-02	2.715E-03	2.6E-03	2.71E-03	8.94E-04	8.943E-04	2.79E-03			
83	1.323E-02	2.817E-03	2.7E-03	2.83E-03	9.44E-04	9.512E-04	3.00E-03			
84	1.388E-02	2.935E-03	2.8E-03	2.95E-03	9.92E-04	1.007E-03	3.21E-03			
85	1.457E-02	3.079E-03	2.9E-03	3.08E-03	1.04E-03	1.060E-03	3.42E-03			
86	1.537E-02	3.259E-03	3.1E-03	3.22E-03	1.09E-03	1.116E-03	3.64E-03			
87	1.625E-02	3.471E-03	3.2E-03	3.39E-03	1.14E-03	1.170E-03	3.84E-03			
88	1.724E-02	3.729E-03	3.5E-03	3.60E-03	1.20E-03	1.225E-03	4.03E-03			
89	1.839E-02	4.017E-03	3.7E-03	3.86E-03	1.27E-03	1.289E-03	4.24E-03			
90	1.972E-02	4.319E-03	4.0E-03	4.17E-03	1.36E-03	1.372E-03	4.48E-03			
91	2.121E-02	4.602E-03	4.3E-03	4.52E-03	1.47E-03	1.480E-03	4.80E-03			



**Manning Ave. Annexation 2020-01 Project  
Unmitigated Cancer Risk Total Project Summary**

Receptor #	<i>Cancer Risk from Birth to 2 Years</i>									
	Total Per/Million	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
92	2.283E-02	4.881E-03	4.6E-03	4.89E-03	1.60E-03	1.610E-03	5.20E-03			
93	2.447E-02	5.109E-03	4.9E-03	5.25E-03	1.74E-03	1.760E-03	5.70E-03			
94	2.601E-02	5.266E-03	5.1E-03	5.56E-03	1.88E-03	1.916E-03	6.26E-03			
95	2.732E-02	5.343E-03	5.3E-03	5.80E-03	2.00E-03	2.062E-03	6.83E-03			
96	2.826E-02	5.337E-03	5.4E-03	5.95E-03	2.10E-03	2.184E-03	7.34E-03			
97	2.876E-02	5.256E-03	5.3E-03	6.00E-03	2.15E-03	2.268E-03	7.74E-03			
98	2.876E-02	5.101E-03	5.3E-03	5.95E-03	2.17E-03	2.308E-03	7.97E-03			
99	2.831E-02	4.906E-03	5.1E-03	5.81E-03	2.14E-03	2.303E-03	8.02E-03			
100	2.745E-02	4.674E-03	4.9E-03	5.61E-03	2.09E-03	2.255E-03	7.90E-03			
101	7.428E-03	1.696E-03	1.6E-03	1.61E-03	5.04E-04	4.932E-04	1.49E-03			
102	7.888E-03	1.812E-03	1.7E-03	1.71E-03	5.34E-04	5.229E-04	1.58E-03			
103	8.190E-03	1.934E-03	1.8E-03	1.76E-03	5.50E-04	5.387E-04	1.63E-03			
104	1.214E-02	2.774E-03	2.6E-03	2.63E-03	8.32E-04	8.160E-04	2.50E-03			
105	1.291E-02	2.903E-03	2.7E-03	2.80E-03	8.95E-04	8.810E-04	2.70E-03			
106	1.370E-02	3.028E-03	2.9E-03	2.97E-03	9.62E-04	9.514E-04	2.93E-03			
107	1.451E-02	3.152E-03	3.0E-03	3.14E-03	1.03E-03	1.026E-03	3.18E-03			
108	1.535E-02	3.285E-03	3.1E-03	3.30E-03	1.10E-03	1.101E-03	3.46E-03			
109	1.622E-02	3.441E-03	3.2E-03	3.45E-03	1.16E-03	1.176E-03	3.74E-03			
110	1.716E-02	3.636E-03	3.4E-03	3.62E-03	1.22E-03	1.250E-03	4.03E-03			
111	1.826E-02	3.867E-03	3.6E-03	3.82E-03	1.29E-03	1.328E-03	4.34E-03			
112	1.942E-02	4.163E-03	3.9E-03	4.04E-03	1.36E-03	1.397E-03	4.61E-03			
113	2.077E-02	4.509E-03	4.2E-03	4.33E-03	1.43E-03	1.471E-03	4.87E-03			
114	2.233E-02	4.886E-03	4.5E-03	4.68E-03	1.53E-03	1.561E-03	5.16E-03			
115	2.412E-02	5.258E-03	4.9E-03	5.11E-03	1.66E-03	1.679E-03	5.50E-03			
116	2.609E-02	5.608E-03	5.3E-03	5.58E-03	1.82E-03	1.831E-03	5.95E-03			
117	2.818E-02	5.912E-03	5.7E-03	6.05E-03	2.00E-03	2.016E-03	6.54E-03			
118	3.020E-02	6.122E-03	6.0E-03	6.47E-03	2.18E-03	2.220E-03	7.26E-03			
119	3.195E-02	6.214E-03	6.2E-03	6.79E-03	2.35E-03	2.419E-03	8.03E-03			
120	3.326E-02	6.204E-03	6.2E-03	7.00E-03	2.48E-03	2.589E-03	8.75E-03			
121	3.396E-02	6.093E-03	6.2E-03	7.06E-03	2.56E-03	2.708E-03	9.31E-03			
122	3.400E-02	5.896E-03	6.1E-03	6.99E-03	2.58E-03	2.764E-03	9.65E-03			

**Manning Ave. Annexation 2020-01 Project  
Unmitigated Cancer Risk Total Project Summary**

Receptor #	<i>Cancer Risk from Birth to 2 Years</i>									
	Total Per/Million	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
123	3.338E-02	5.636E-03	5.9E-03	6.80E-03	2.55E-03	2.755E-03	9.72E-03			
124	3.221E-02	5.332E-03	5.7E-03	6.52E-03	2.46E-03	2.687E-03	9.55E-03			
125	8.079E-03	1.868E-03	1.8E-03	1.75E-03	5.45E-04	5.307E-04	1.60E-03			
126	8.614E-03	2.001E-03	1.9E-03	1.87E-03	5.80E-04	5.656E-04	1.70E-03			
127	9.004E-03	2.148E-03	2.0E-03	1.93E-03	6.01E-04	5.871E-04	1.77E-03			
128	1.483E-02	3.380E-03	3.1E-03	3.23E-03	1.02E-03	1.001E-03	3.06E-03			
129	1.586E-02	3.546E-03	3.3E-03	3.45E-03	1.11E-03	1.090E-03	3.34E-03			
130	1.693E-02	3.711E-03	3.5E-03	3.67E-03	1.20E-03	1.188E-03	3.67E-03			
131	1.804E-02	3.888E-03	3.7E-03	3.89E-03	1.29E-03	1.290E-03	4.03E-03			
132	1.923E-02	4.100E-03	3.8E-03	4.10E-03	1.38E-03	1.393E-03	4.41E-03			
133	2.057E-02	4.368E-03	4.1E-03	4.34E-03	1.47E-03	1.501E-03	4.84E-03			
134	2.205E-02	4.689E-03	4.3E-03	4.60E-03	1.56E-03	1.605E-03	5.25E-03			
135	2.368E-02	5.098E-03	4.7E-03	4.91E-03	1.65E-03	1.701E-03	5.64E-03			
136	2.556E-02	5.569E-03	5.1E-03	5.32E-03	1.76E-03	1.805E-03	6.02E-03			
137	2.773E-02	6.060E-03	5.6E-03	5.83E-03	1.90E-03	1.934E-03	6.43E-03			
138	3.017E-02	6.510E-03	6.1E-03	6.42E-03	2.09E-03	2.108E-03	6.94E-03			
139	3.278E-02	6.913E-03	6.6E-03	7.04E-03	2.31E-03	2.329E-03	7.60E-03			
140	3.545E-02	7.201E-03	7.0E-03	7.61E-03	2.56E-03	2.594E-03	8.49E-03			
141	3.787E-02	7.338E-03	7.3E-03	8.07E-03	2.79E-03	2.871E-03	9.54E-03			
142	3.973E-02	7.321E-03	7.4E-03	8.36E-03	2.98E-03	3.115E-03	1.06E-02			
143	4.078E-02	7.165E-03	7.4E-03	8.45E-03	3.09E-03	3.290E-03	1.14E-02			
144	4.086E-02	6.883E-03	7.2E-03	8.35E-03	3.12E-03	3.373E-03	1.19E-02			
145	4.001E-02	6.530E-03	6.9E-03	8.08E-03	3.07E-03	3.358E-03	1.20E-02			
146	3.838E-02	6.124E-03	6.6E-03	7.69E-03	2.96E-03	3.258E-03	1.18E-02			
147	8.806E-03	2.069E-03	2.0E-03	1.91E-03	5.89E-04	5.708E-04	1.71E-03			
148	9.435E-03	2.221E-03	2.1E-03	2.05E-03	6.31E-04	6.118E-04	1.83E-03			
149	9.957E-03	2.404E-03	2.2E-03	2.14E-03	6.61E-04	6.416E-04	1.92E-03			
150	1.723E-02	3.991E-03	3.7E-03	3.75E-03	1.18E-03	1.146E-03	3.48E-03			
151	1.859E-02	4.217E-03	3.9E-03	4.06E-03	1.29E-03	1.262E-03	3.85E-03			
152	2.003E-02	4.442E-03	4.1E-03	4.37E-03	1.41E-03	1.391E-03	4.27E-03			
153	2.155E-02	4.686E-03	4.4E-03	4.67E-03	1.54E-03	1.532E-03	4.75E-03			

**Manning Ave. Annexation 2020-01 Project  
Unmitigated Cancer Risk Total Project Summary**

Receptor #	<i>Cancer Risk from Birth to 2 Years</i>									
	Total Per/Million	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
154	2.320E-02	4.983E-03	4.6E-03	4.96E-03	1.66E-03	1.678E-03	5.29E-03			
155	2.515E-02	5.343E-03	4.9E-03	5.31E-03	1.80E-03	1.839E-03	5.91E-03			
156	2.720E-02	5.819E-03	5.3E-03	5.66E-03	1.92E-03	1.980E-03	6.50E-03			
157	2.956E-02	6.398E-03	5.8E-03	6.12E-03	2.05E-03	2.119E-03	7.07E-03			
158	3.228E-02	7.039E-03	6.4E-03	6.71E-03	2.21E-03	2.272E-03	7.64E-03			
159	3.534E-02	7.659E-03	7.1E-03	7.46E-03	2.43E-03	2.466E-03	8.25E-03			
160	3.868E-02	8.199E-03	7.7E-03	8.29E-03	2.71E-03	2.729E-03	9.02E-03			
161	4.216E-02	8.599E-03	8.3E-03	9.08E-03	3.03E-03	3.065E-03	1.01E-02			
162	4.552E-02	8.793E-03	8.7E-03	9.75E-03	3.37E-03	3.450E-03	1.15E-02			
163	4.825E-02	8.765E-03	8.9E-03	1.02E-02	3.64E-03	3.811E-03	1.30E-02			
164	4.989E-02	8.540E-03	8.8E-03	1.03E-02	3.82E-03	4.080E-03	1.43E-02			
165	5.012E-02	8.158E-03	8.6E-03	1.02E-02	3.86E-03	4.209E-03	1.51E-02			
166	4.895E-02	7.668E-03	8.2E-03	9.76E-03	3.79E-03	4.187E-03	1.53E-02			
167	4.660E-02	7.117E-03	7.7E-03	9.20E-03	3.62E-03	4.034E-03	1.49E-02			
168	4.343E-02	6.542E-03	7.2E-03	8.53E-03	3.37E-03	3.787E-03	1.40E-02			
169	9.612E-03	2.302E-03	2.2E-03	2.09E-03	6.36E-04	6.131E-04	1.82E-03			
170	1.036E-02	2.480E-03	2.3E-03	2.25E-03	6.85E-04	6.610E-04	1.96E-03			
171	1.107E-02	2.711E-03	2.5E-03	2.39E-03	7.28E-04	7.023E-04	2.09E-03			
172	1.172E-02	2.886E-03	2.6E-03	2.52E-03	7.70E-04	7.436E-04	2.21E-03			
173	2.026E-02	4.791E-03	4.4E-03	4.42E-03	1.37E-03	1.325E-03	4.00E-03			
174	2.211E-02	5.110E-03	4.7E-03	4.84E-03	1.52E-03	1.477E-03	4.47E-03			
175	2.409E-02	5.428E-03	5.0E-03	5.28E-03	1.69E-03	1.652E-03	5.03E-03			
176	2.622E-02	5.772E-03	5.3E-03	5.71E-03	1.87E-03	1.847E-03	5.68E-03			
177	2.863E-02	6.200E-03	5.7E-03	6.15E-03	2.06E-03	2.064E-03	6.46E-03			
178	3.141E-02	6.721E-03	6.1E-03	6.64E-03	2.26E-03	2.296E-03	7.35E-03			
179	3.447E-02	7.426E-03	6.7E-03	7.16E-03	2.43E-03	2.510E-03	8.24E-03			
180	3.802E-02	8.258E-03	7.4E-03	7.85E-03	2.63E-03	2.721E-03	9.14E-03			
181	4.202E-02	9.109E-03	8.3E-03	8.76E-03	2.87E-03	2.952E-03	1.00E-02			
182	4.642E-02	9.881E-03	9.2E-03	9.86E-03	3.21E-03	3.258E-03	1.10E-02			
183	6.136E-02	9.115E-03	9.9E-03	1.20E-02	4.79E-03	5.369E-03	2.01E-02			
184	5.788E-02	8.353E-03	9.2E-03	1.12E-02	4.52E-03	5.128E-03	1.95E-02			

**Manning Ave. Annexation 2020-01 Project  
Unmitigated Cancer Risk Total Project Summary**

Receptor #	<i>Cancer Risk from Birth to 2 Years</i>									
	Total Per/Million	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
185	1.138E-02	2.783E-03	2.6E-03	2.47E-03	7.44E-04	7.128E-04	2.10E-03			
186	1.231E-02	3.071E-03	2.8E-03	2.66E-03	8.01E-04	7.668E-04	2.26E-03			
187	1.313E-02	3.298E-03	2.9E-03	2.83E-03	8.52E-04	8.164E-04	2.40E-03			
188	2.413E-02	5.864E-03	5.2E-03	5.27E-03	1.61E-03	1.544E-03	4.60E-03			
189	2.673E-02	6.331E-03	5.7E-03	5.87E-03	1.81E-03	1.747E-03	5.23E-03			
190	2.954E-02	6.796E-03	6.2E-03	6.52E-03	2.05E-03	1.988E-03	5.99E-03			
191	3.263E-02	7.306E-03	6.7E-03	7.16E-03	2.32E-03	2.269E-03	6.90E-03			
192	3.628E-02	7.915E-03	7.2E-03	7.86E-03	2.62E-03	2.604E-03	8.05E-03			
193	4.036E-02	8.729E-03	7.9E-03	8.55E-03	2.91E-03	2.948E-03	9.36E-03			
194	4.514E-02	9.804E-03	8.7E-03	9.36E-03	3.19E-03	3.287E-03	1.08E-02			
195	5.068E-02	1.101E-02	9.9E-03	1.05E-02	3.49E-03	3.623E-03	1.23E-02			
196	5.681E-02	1.217E-02	1.1E-02	1.19E-02	3.89E-03	3.995E-03	1.37E-02			
197	6.324E-02	1.302E-02	1.2E-02	1.36E-02	4.46E-03	4.512E-03	1.53E-02			
198	1.362E-02	3.481E-03	3.1E-03	2.94E-03	8.71E-04	8.280E-04	2.41E-03			
199	1.482E-02	3.812E-03	3.3E-03	3.20E-03	9.47E-04	8.993E-04	2.62E-03			
200	1.511E-02	3.965E-03	3.5E-03	3.26E-03	9.49E-04	8.943E-04	2.58E-03			
201	1.672E-02	4.421E-03	3.8E-03	3.60E-03	1.05E-03	9.849E-04	2.83E-03			
202	1.827E-02	4.871E-03	4.2E-03	3.93E-03	1.14E-03	1.073E-03	3.08E-03			
203	1.876E-02	5.122E-03	4.4E-03	4.02E-03	1.15E-03	1.068E-03	3.04E-03			
204	2.111E-02	5.825E-03	4.9E-03	4.53E-03	1.28E-03	1.193E-03	3.39E-03			
205	2.365E-02	6.589E-03	5.5E-03	5.07E-03	1.43E-03	1.327E-03	3.76E-03			
206	2.412E-02	6.910E-03	5.7E-03	5.13E-03	1.42E-03	1.305E-03	3.67E-03			
207	2.764E-02	8.047E-03	6.5E-03	5.87E-03	1.61E-03	1.475E-03	4.13E-03			
208	3.194E-02	9.430E-03	7.5E-03	6.79E-03	1.85E-03	1.683E-03	4.68E-03			
209	2.743E-02	8.163E-03	6.5E-03	5.76E-03	1.56E-03	1.421E-03	3.98E-03			
210	3.237E-02	9.859E-03	7.7E-03	6.78E-03	1.81E-03	1.638E-03	4.55E-03			
211	3.816E-02	1.191E-02	9.1E-03	7.96E-03	2.09E-03	1.883E-03	5.18E-03			
212	3.750E-02	1.194E-02	9.1E-03	7.71E-03	2.01E-03	1.805E-03	4.98E-03			
213	4.607E-02	1.520E-02	1.1E-02	9.38E-03	2.39E-03	2.127E-03	5.80E-03			
214	5.667E-02	1.943E-02	1.4E-02	1.14E-02	2.84E-03	2.499E-03	6.74E-03			
215	4.332E-02	1.434E-02	1.1E-02	8.74E-03	2.23E-03	1.995E-03	5.46E-03			

**Manning Ave. Annexation 2020-01 Project  
Unmitigated Cancer Risk Total Project Summary**

Receptor #	<i>Cancer Risk from Birth to 2 Years</i>									
	Total Per/Million	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
216	5.466E-02	1.900E-02	1.3E-02	1.08E-02	2.69E-03	2.374E-03	6.42E-03			
217	6.979E-02	2.563E-02	1.7E-02	1.35E-02	3.25E-03	2.826E-03	7.53E-03			
218	8.582E-02	3.355E-02	2.1E-02	1.60E-02	3.71E-03	3.187E-03	8.35E-03			
219	1.222E-01	5.230E-02	3.0E-02	2.15E-02	4.72E-03	3.962E-03	1.01E-02			
220	1.031E-01	4.217E-02	2.6E-02	1.86E-02	4.17E-03	3.528E-03	9.07E-03			
221	1.496E-01	6.735E-02	3.7E-02	2.51E-02	5.27E-03	4.349E-03	1.09E-02			
222	1.148E-01	4.744E-02	2.9E-02	2.04E-02	4.47E-03	3.742E-03	9.47E-03			
223	1.635E-01	7.328E-02	4.2E-02	2.71E-02	5.58E-03	4.562E-03	1.12E-02			
224	2.509E-01	1.225E-01	6.4E-02	3.78E-02	7.20E-03	5.719E-03	1.36E-02			
225	1.548E-01	6.539E-02	4.2E-02	2.66E-02	5.53E-03	4.528E-03	1.11E-02			
226	2.098E-01	9.190E-02	5.8E-02	3.46E-02	6.82E-03	5.465E-03	1.30E-02			
227	1.829E-02	2.811E-03	3.4E-03	3.84E-03	1.44E-03	1.563E-03	5.19E-03			
228	1.603E-02	2.506E-03	3.0E-03	3.37E-03	1.26E-03	1.356E-03	4.50E-03			
229	1.416E-02	2.250E-03	2.7E-03	2.98E-03	1.10E-03	1.186E-03	3.93E-03			
230	1.261E-02	2.033E-03	2.4E-03	2.66E-03	9.77E-04	1.047E-03	3.46E-03			
231	1.639E-02	2.581E-03	3.1E-03	3.47E-03	1.29E-03	1.380E-03	4.53E-03			
232	1.450E-02	2.314E-03	2.8E-03	3.07E-03	1.13E-03	1.211E-03	3.98E-03			
233	1.292E-02	2.088E-03	2.5E-03	2.74E-03	1.00E-03	1.071E-03	3.51E-03			
234	1.158E-02	1.894E-03	2.3E-03	2.46E-03	8.95E-04	9.532E-04	3.12E-03			
235	1.474E-02	2.380E-03	2.9E-03	3.14E-03	1.15E-03	1.224E-03	3.98E-03			
236	1.316E-02	2.147E-03	2.6E-03	2.80E-03	1.02E-03	1.086E-03	3.53E-03			
237	1.182E-02	1.947E-03	2.3E-03	2.52E-03	9.13E-04	9.691E-04	3.15E-03			
238	1.067E-02	1.774E-03	2.1E-03	2.27E-03	8.21E-04	8.697E-04	2.83E-03			
239	1.718E-01	1.934E-02	3.0E-02	3.94E-02	1.71E-02	1.823E-02	4.77E-02			
240	1.486E-01	1.660E-02	2.5E-02	3.26E-02	1.43E-02	1.580E-02	4.41E-02			
241	1.286E-01	1.440E-02	2.1E-02	2.73E-02	1.20E-02	1.357E-02	4.00E-02			
242	1.115E-01	1.260E-02	1.8E-02	2.31E-02	1.01E-02	1.161E-02	3.58E-02			
243	1.390E-01	1.700E-02	2.6E-02	3.23E-02	1.32E-02	1.381E-02	3.68E-02			
244	1.220E-01	1.474E-02	2.2E-02	2.73E-02	1.14E-02	1.224E-02	3.44E-02			
245	1.071E-01	1.290E-02	1.9E-02	2.33E-02	9.81E-03	1.076E-02	3.15E-02			
246	9.416E-02	1.138E-02	1.6E-02	2.00E-02	8.46E-03	9.416E-03	2.86E-02			

**Manning Ave. Annexation 2020-01 Project  
Unmitigated Cancer Risk Total Project Summary**

Receptor #	<i>Cancer Risk from Birth to 2 Years</i>									
	Total Per/Million	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
247	1.148E-01	1.505E-02	2.2E-02	2.69E-02	1.05E-02	1.082E-02	2.93E-02			
248	1.020E-01	1.318E-02	1.9E-02	2.32E-02	9.24E-03	9.746E-03	2.75E-02			
249	9.065E-02	1.163E-02	1.7E-02	2.01E-02	8.12E-03	8.718E-03	2.55E-02			
250	8.061E-02	1.032E-02	1.5E-02	1.75E-02	7.13E-03	7.765E-03	2.34E-02			
251	4.035E-02	6.052E-03	7.9E-03	8.88E-03	3.33E-03	3.505E-03	1.07E-02			
252	3.716E-02	5.563E-03	7.2E-03	8.11E-03	3.05E-03	3.238E-03	9.98E-03			
253	4.611E-02	7.264E-03	9.6E-03	1.05E-02	3.74E-03	3.821E-03	1.12E-02			
254	4.260E-02	6.647E-03	8.7E-03	9.60E-03	3.47E-03	3.570E-03	1.06E-02			
255	3.643E-02	5.617E-03	7.3E-03	8.06E-03	2.97E-03	3.104E-03	9.40E-03			
256	3.373E-02	5.185E-03	6.7E-03	7.40E-03	2.74E-03	2.887E-03	8.84E-03			
257	2.697E-02	4.146E-03	5.2E-03	5.81E-03	2.17E-03	2.312E-03	7.30E-03			
258	4.117E-02	6.658E-03	8.7E-03	9.36E-03	3.29E-03	3.347E-03	9.81E-03			
259	3.824E-02	6.123E-03	8.0E-03	8.63E-03	3.07E-03	3.144E-03	9.32E-03			
260	3.553E-02	5.645E-03	7.3E-03	7.95E-03	2.86E-03	2.950E-03	8.83E-03			
261	3.303E-02	5.219E-03	6.7E-03	7.34E-03	2.66E-03	2.764E-03	8.35E-03			
262	3.074E-02	4.837E-03	6.2E-03	6.78E-03	2.48E-03	2.587E-03	7.89E-03			
263	2.491E-02	3.908E-03	4.9E-03	5.39E-03	1.99E-03	2.108E-03	6.61E-03			
264	3.449E-02	5.649E-03	7.3E-03	7.79E-03	2.74E-03	2.788E-03	8.27E-03			
265	3.220E-02	5.231E-03	6.7E-03	7.22E-03	2.57E-03	2.629E-03	7.86E-03			
266	3.007E-02	4.855E-03	6.2E-03	6.70E-03	2.40E-03	2.476E-03	7.46E-03			
267	2.811E-02	4.516E-03	5.7E-03	6.22E-03	2.24E-03	2.329E-03	7.08E-03			
268	2.306E-02	3.686E-03	4.6E-03	5.01E-03	1.83E-03	1.928E-03	6.01E-03			
269	3.991E-02	5.395E-03	6.5E-03	7.70E-03	3.17E-03	3.668E-03	1.35E-02			
270	3.296E-02	4.665E-03	5.5E-03	6.48E-03	2.61E-03	2.972E-03	1.07E-02			
271	2.765E-02	4.070E-03	4.8E-03	5.51E-03	2.18E-03	2.450E-03	8.66E-03			
272	2.352E-02	3.581E-03	4.2E-03	4.74E-03	1.84E-03	2.050E-03	7.14E-03			
273	2.025E-02	3.175E-03	3.7E-03	4.12E-03	1.58E-03	1.739E-03	5.98E-03			
274	1.763E-02	2.835E-03	3.2E-03	3.61E-03	1.37E-03	1.493E-03	5.08E-03			
275	1.550E-02	2.547E-03	2.9E-03	3.20E-03	1.19E-03	1.296E-03	4.37E-03			
276	3.564E-02	4.941E-03	5.9E-03	6.98E-03	2.84E-03	3.243E-03	1.17E-02			
277	2.953E-02	4.278E-03	5.1E-03	5.88E-03	2.34E-03	2.635E-03	9.32E-03			

**Manning Ave. Annexation 2020-01 Project  
Unmitigated Cancer Risk Total Project Summary**

Receptor #	<i>Cancer Risk from Birth to 2 Years</i>									
	Total Per/Million	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
278	2.488E-02	3.740E-03	4.4E-03	5.01E-03	1.96E-03	2.181E-03	7.60E-03			
279	2.126E-02	3.298E-03	3.8E-03	4.32E-03	1.66E-03	1.834E-03	6.31E-03			
280	1.839E-02	2.932E-03	3.4E-03	3.77E-03	1.43E-03	1.564E-03	5.32E-03			
281	1.609E-02	2.625E-03	3.0E-03	3.32E-03	1.24E-03	1.350E-03	4.55E-03			
282	1.420E-02	2.366E-03	2.7E-03	2.94E-03	1.09E-03	1.178E-03	3.94E-03			
283	3.131E-02	4.473E-03	5.4E-03	6.23E-03	2.49E-03	2.810E-03	9.93E-03			
284	2.617E-02	3.888E-03	4.6E-03	5.27E-03	2.06E-03	2.304E-03	8.03E-03			
285	2.222E-02	3.412E-03	4.0E-03	4.52E-03	1.74E-03	1.924E-03	6.62E-03			
286	1.912E-02	3.021E-03	3.5E-03	3.92E-03	1.49E-03	1.631E-03	5.55E-03			
287	1.665E-02	2.696E-03	3.1E-03	3.43E-03	1.29E-03	1.401E-03	4.73E-03			
288	1.464E-02	2.423E-03	2.8E-03	3.04E-03	1.13E-03	1.217E-03	4.08E-03			
289	1.300E-02	2.192E-03	2.5E-03	2.71E-03	9.95E-04	1.069E-03	3.56E-03			
290	2.739E-02	4.021E-03	4.8E-03	5.51E-03	2.16E-03	2.421E-03	8.44E-03			
291	2.313E-02	3.514E-03	4.2E-03	4.70E-03	1.82E-03	2.010E-03	6.93E-03			
292	1.982E-02	3.101E-03	3.6E-03	4.06E-03	1.55E-03	1.696E-03	5.79E-03			
293	1.720E-02	2.759E-03	3.2E-03	3.54E-03	1.33E-03	1.452E-03	4.91E-03			
294	1.508E-02	2.473E-03	2.8E-03	3.12E-03	1.16E-03	1.257E-03	4.22E-03			
295	1.335E-02	2.232E-03	2.5E-03	2.78E-03	1.02E-03	1.101E-03	3.67E-03			
296	1.192E-02	2.027E-03	2.3E-03	2.49E-03	9.09E-04	9.730E-04	3.23E-03			
297	2.405E-02	3.604E-03	4.3E-03	4.88E-03	1.89E-03	2.099E-03	7.25E-03			
298	2.053E-02	3.171E-03	3.8E-03	4.20E-03	1.60E-03	1.764E-03	6.04E-03			
299	1.775E-02	2.814E-03	3.3E-03	3.66E-03	1.38E-03	1.505E-03	5.10E-03			
300	1.553E-02	2.517E-03	2.9E-03	3.21E-03	1.20E-03	1.300E-03	4.38E-03			
301	1.371E-02	2.268E-03	2.6E-03	2.85E-03	1.05E-03	1.135E-03	3.80E-03			
302	1.221E-02	2.056E-03	2.3E-03	2.55E-03	9.34E-04	1.001E-03	3.33E-03			
303	1.096E-02	1.875E-03	2.1E-03	2.30E-03	8.34E-04	8.901E-04	2.94E-03			
304	2.127E-02	3.232E-03	3.9E-03	4.35E-03	1.67E-03	1.838E-03	6.30E-03			
305	1.834E-02	2.863E-03	3.4E-03	3.78E-03	1.43E-03	1.563E-03	5.32E-03			
306	1.600E-02	2.556E-03	3.0E-03	3.31E-03	1.24E-03	1.347E-03	4.55E-03			
307	1.410E-02	2.299E-03	2.7E-03	2.93E-03	1.09E-03	1.173E-03	3.93E-03			
308	1.253E-02	2.081E-03	2.4E-03	2.61E-03	9.61E-04	1.032E-03	3.44E-03			

**Manning Ave. Annexation 2020-01 Project  
Unmitigated Cancer Risk Total Project Summary**

Receptor #	Total Per/Million	Cancer Risk from Birth to 2 Years								
		Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
309	1.122E-02	1.895E-03	2.2E-03	2.35E-03	8.57E-04	9.159E-04	3.04E-03			
310	1.013E-02	1.735E-03	2.0E-03	2.13E-03	7.70E-04	8.192E-04	2.70E-03			
311	1.896E-02	2.910E-03	3.5E-03	3.91E-03	1.48E-03	1.626E-03	5.53E-03			
312	1.650E-02	2.594E-03	3.1E-03	3.42E-03	1.28E-03	1.398E-03	4.72E-03			
313	1.451E-02	2.329E-03	2.7E-03	3.02E-03	1.12E-03	1.215E-03	4.08E-03			
314	1.287E-02	2.105E-03	2.5E-03	2.69E-03	9.91E-04	1.067E-03	3.56E-03			
315	1.151E-02	1.915E-03	2.2E-03	2.41E-03	8.82E-04	9.446E-04	3.14E-03			
316	1.037E-02	1.751E-03	2.0E-03	2.18E-03	7.91E-04	8.433E-04	2.79E-03			
317	9.396E-03	1.609E-03	1.8E-03	1.98E-03	7.14E-04	7.582E-04	2.50E-03			

Source: Copied from the following files:

	Date	File
Parcel 1	4/28/2022	Unmitigated Construction Health Risk for Parcel 1
Parcel 2	4/28/2022	Unmitigated Construction Health Risk for Parcel 2
Parcel 3	4/28/2022	Unmitigated Construction Health Risk for Parcel 3
Parcel 4	4/28/2022	Unmitigated Construction Health Risk for Parcel 4
Parcel 5	4/28/2022	Unmitigated Construction Health Risk for Parcel 5
Parcel 6	4/28/2022	Unmitigated Construction Health Risk for Parcel 6
Parcel 7	4/28/2022	Unmitigated Construction Health Risk for Parcel 7
Parcel 8	4/28/2022	Unmitigated Construction Health Risk for Parcel 8
Parcel 9	4/28/2022	Unmitigated Construction Health Risk for Parcel 9



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Chronic Non-Cancer Risk Total Project Summary**

<b>Chronic Non Cancer Risk</b>										
Receptor #	Max Chronic	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
Max Risk	2.722E-02	1.768E-02	1.423E-02	8.749E-03	7.589E-03	8.104E-03	1.059E-02	0.000E+00	0.000E+00	0.000E+00
Max Receptor	224	224	224	239	239	239	239	#N/A	#N/A	#N/A
1	2.683E-04	1.74E-04	2.64E-04	2.62E-04	1.66E-04	1.64E-04	2.52E-04			
2	2.853E-04	1.85E-04	2.77E-04	2.74E-04	1.73E-04	1.71E-04	2.64E-04			
3	2.989E-04	1.94E-04	2.80E-04	2.78E-04	1.76E-04	1.74E-04	2.67E-04			
4	3.798E-04	2.47E-04	3.64E-04	3.73E-04	2.41E-04	2.40E-04	3.70E-04			
5	3.908E-04	2.54E-04	3.75E-04	3.88E-04	2.53E-04	2.52E-04	3.91E-04			
6	4.015E-04	2.61E-04	3.87E-04	4.02E-04	2.64E-04	2.65E-04	4.13E-04			
7	4.122E-04	2.68E-04	3.97E-04	4.15E-04	2.75E-04	2.77E-04	4.36E-04			
8	4.236E-04	2.75E-04	4.08E-04	4.28E-04	2.85E-04	2.89E-04	4.58E-04			
9	4.363E-04	2.83E-04	4.20E-04	4.41E-04	2.95E-04	3.00E-04	4.79E-04			
10	4.512E-04	2.93E-04	4.32E-04	4.54E-04	3.05E-04	3.11E-04	4.99E-04			
11	4.693E-04	3.05E-04	4.47E-04	4.68E-04	3.14E-04	3.21E-04	5.19E-04			
12	4.915E-04	3.19E-04	4.65E-04	4.85E-04	3.25E-04	3.32E-04	5.38E-04			
13	5.177E-04	3.36E-04	4.88E-04	5.06E-04	3.37E-04	3.44E-04	5.59E-04			
14	5.471E-04	3.55E-04	5.15E-04	5.31E-04	3.51E-04	3.57E-04	5.80E-04			
15	5.804E-04	3.77E-04	5.45E-04	5.61E-04	3.67E-04	3.73E-04	6.03E-04			
16	6.156E-04	4.00E-04	5.80E-04	5.96E-04	3.88E-04	3.92E-04	6.31E-04			
17	6.507E-04	4.22E-04	6.18E-04	6.36E-04	4.13E-04	4.15E-04	6.66E-04			
18	6.886E-04	4.47E-04	6.55E-04	6.78E-04	4.41E-04	4.43E-04	7.08E-04			
19	7.237E-04	4.70E-04	6.92E-04	7.21E-04	4.72E-04	4.74E-04	7.58E-04			
20	7.541E-04	4.90E-04	7.26E-04	7.63E-04	5.04E-04	5.08E-04	8.15E-04			
21	7.782E-04	5.05E-04	7.55E-04	8.01E-04	5.35E-04	5.43E-04	8.76E-04			
22	7.947E-04	5.16E-04	7.78E-04	8.33E-04	5.64E-04	5.76E-04	9.37E-04			
23	8.032E-04	5.21E-04	7.94E-04	8.57E-04	5.88E-04	6.05E-04	9.93E-04			
24	8.036E-04	5.22E-04	8.03E-04	8.72E-04	6.06E-04	6.28E-04	1.04E-03			
25	7.963E-04	5.17E-04	8.03E-04	8.78E-04	6.17E-04	6.44E-04	1.08E-03			
26	2.907E-04	1.89E-04	2.84E-04	2.82E-04	1.78E-04	1.76E-04	2.70E-04			
27	3.092E-04	2.01E-04	2.98E-04	2.96E-04	1.87E-04	1.84E-04	2.83E-04			
28	3.248E-04	2.11E-04	3.03E-04	3.00E-04	1.90E-04	1.87E-04	2.87E-04			
29	4.234E-04	2.75E-04	4.03E-04	4.13E-04	2.66E-04	2.64E-04	4.06E-04			

Max	Receptor #
0.0272	224

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Chronic Non-Cancer Risk Total Project Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>									
	Max Chronic	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
30	4.371E-04	2.84E-04	4.18E-04	4.32E-04	2.81E-04	2.79E-04	4.32E-04			
31	4.504E-04	2.92E-04	4.32E-04	4.49E-04	2.95E-04	2.95E-04	4.59E-04			
32	4.637E-04	3.01E-04	4.46E-04	4.66E-04	3.09E-04	3.10E-04	4.87E-04			
33	4.777E-04	3.10E-04	4.59E-04	4.82E-04	3.22E-04	3.25E-04	5.15E-04			
34	4.935E-04	3.20E-04	4.73E-04	4.98E-04	3.34E-04	3.40E-04	5.42E-04			
35	5.124E-04	3.33E-04	4.89E-04	5.14E-04	3.46E-04	3.53E-04	5.68E-04			
36	5.355E-04	3.48E-04	5.07E-04	5.32E-04	3.58E-04	3.66E-04	5.93E-04			
37	5.640E-04	3.66E-04	5.31E-04	5.55E-04	3.72E-04	3.81E-04	6.20E-04			
38	5.965E-04	3.87E-04	5.60E-04	5.82E-04	3.87E-04	3.96E-04	6.46E-04			
39	6.348E-04	4.12E-04	5.94E-04	6.14E-04	4.05E-04	4.12E-04	6.72E-04			
40	6.764E-04	4.39E-04	6.34E-04	6.52E-04	4.27E-04	4.32E-04	7.01E-04			
41	7.191E-04	4.67E-04	6.78E-04	6.99E-04	4.54E-04	4.58E-04	7.39E-04			
42	7.637E-04	4.96E-04	7.23E-04	7.49E-04	4.87E-04	4.89E-04	7.85E-04			
43	8.065E-04	5.24E-04	7.68E-04	8.01E-04	5.23E-04	5.25E-04	8.42E-04			
44	8.445E-04	5.48E-04	8.10E-04	8.53E-04	5.62E-04	5.66E-04	9.09E-04			
45	8.747E-04	5.68E-04	8.47E-04	9.00E-04	6.01E-04	6.09E-04	9.84E-04			
46	8.954E-04	5.81E-04	8.76E-04	9.41E-04	6.37E-04	6.51E-04	1.06E-03			
47	9.057E-04	5.88E-04	8.96E-04	9.72E-04	6.68E-04	6.88E-04	1.13E-03			
48	9.058E-04	5.88E-04	9.06E-04	9.91E-04	6.92E-04	7.18E-04	1.20E-03			
49	8.961E-04	5.82E-04	9.06E-04	9.98E-04	7.06E-04	7.39E-04	1.24E-03			
50	8.777E-04	5.70E-04	8.97E-04	9.93E-04	7.10E-04	7.49E-04	1.27E-03			
51	3.155E-04	2.05E-04	3.07E-04	3.04E-04	1.92E-04	1.89E-04	2.89E-04			
52	3.361E-04	2.18E-04	3.23E-04	3.20E-04	2.02E-04	1.99E-04	3.04E-04			
53	3.546E-04	2.30E-04	3.29E-04	3.26E-04	2.05E-04	2.03E-04	3.10E-04			
54	4.756E-04	3.09E-04	4.51E-04	4.61E-04	2.95E-04	2.92E-04	4.48E-04			
55	4.929E-04	3.20E-04	4.69E-04	4.84E-04	3.13E-04	3.11E-04	4.79E-04			
56	5.095E-04	3.31E-04	4.87E-04	5.06E-04	3.31E-04	3.30E-04	5.12E-04			
57	5.262E-04	3.42E-04	5.04E-04	5.28E-04	3.49E-04	3.50E-04	5.47E-04			
58	5.438E-04	3.53E-04	5.20E-04	5.48E-04	3.65E-04	3.69E-04	5.83E-04			
59	5.640E-04	3.66E-04	5.38E-04	5.69E-04	3.82E-04	3.88E-04	6.18E-04			
60	5.883E-04	3.82E-04	5.58E-04	5.89E-04	3.97E-04	4.06E-04	6.53E-04			

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Chronic Non-Cancer Risk Total Project Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>									
	Max Chronic	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
61	6.186E-04	4.02E-04	5.82E-04	6.12E-04	4.13E-04	4.23E-04	6.86E-04			
62	6.556E-04	4.26E-04	6.14E-04	6.42E-04	4.31E-04	4.42E-04	7.22E-04			
63	6.976E-04	4.53E-04	6.51E-04	6.77E-04	4.50E-04	4.61E-04	7.55E-04			
64	7.469E-04	4.85E-04	6.96E-04	7.19E-04	4.73E-04	4.82E-04	7.89E-04			
65	7.994E-04	5.19E-04	7.47E-04	7.71E-04	5.03E-04	5.09E-04	8.28E-04			
66	8.520E-04	5.53E-04	8.02E-04	8.31E-04	5.40E-04	5.44E-04	8.79E-04			
67	9.053E-04	5.88E-04	8.58E-04	8.95E-04	5.83E-04	5.86E-04	9.42E-04			
68	9.540E-04	6.19E-04	9.11E-04	9.59E-04	6.30E-04	6.35E-04	1.02E-03			
69	9.913E-04	6.44E-04	9.58E-04	1.02E-03	6.80E-04	6.88E-04	1.11E-03			
70	1.018E-03	6.61E-04	9.95E-04	1.07E-03	7.27E-04	7.41E-04	1.21E-03			
71	1.031E-03	6.69E-04	1.02E-03	1.11E-03	7.67E-04	7.90E-04	1.30E-03			
72	1.030E-03	6.69E-04	1.03E-03	1.14E-03	7.98E-04	8.30E-04	1.39E-03			
73	1.017E-03	6.60E-04	1.03E-03	1.15E-03	8.16E-04	8.57E-04	1.45E-03			
74	9.930E-04	6.45E-04	1.02E-03	1.14E-03	8.22E-04	8.70E-04	1.49E-03			
75	9.599E-04	6.23E-04	9.95E-04	1.12E-03	8.15E-04	8.69E-04	1.50E-03			
76	3.440E-04	2.23E-04	3.33E-04	3.30E-04	2.07E-04	2.04E-04	3.10E-04			
77	3.671E-04	2.38E-04	3.51E-04	3.48E-04	2.19E-04	2.15E-04	3.27E-04			
78	3.893E-04	2.53E-04	3.60E-04	3.56E-04	2.24E-04	2.20E-04	3.35E-04			
79	5.389E-04	3.50E-04	5.07E-04	5.17E-04	3.29E-04	3.24E-04	4.97E-04			
80	5.610E-04	3.64E-04	5.31E-04	5.47E-04	3.52E-04	3.48E-04	5.34E-04			
81	5.822E-04	3.78E-04	5.53E-04	5.76E-04	3.75E-04	3.72E-04	5.75E-04			
82	6.034E-04	3.92E-04	5.75E-04	6.03E-04	3.97E-04	3.97E-04	6.19E-04			
83	6.260E-04	4.06E-04	5.96E-04	6.30E-04	4.19E-04	4.23E-04	6.66E-04			
84	6.522E-04	4.23E-04	6.19E-04	6.56E-04	4.41E-04	4.47E-04	7.13E-04			
85	6.843E-04	4.44E-04	6.45E-04	6.84E-04	4.61E-04	4.71E-04	7.59E-04			
86	7.243E-04	4.70E-04	6.79E-04	7.16E-04	4.84E-04	4.96E-04	8.08E-04			
87	7.713E-04	5.01E-04	7.19E-04	7.54E-04	5.06E-04	5.20E-04	8.54E-04			
88	8.288E-04	5.38E-04	7.69E-04	8.00E-04	5.31E-04	5.44E-04	8.96E-04			
89	8.926E-04	5.80E-04	8.27E-04	8.57E-04	5.62E-04	5.73E-04	9.41E-04			
90	9.598E-04	6.23E-04	8.94E-04	9.26E-04	6.03E-04	6.10E-04	9.96E-04			
91	1.023E-03	6.64E-04	9.64E-04	1.01E-03	6.54E-04	6.58E-04	1.07E-03			

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Chronic Non-Cancer Risk Total Project Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>									
	Max Chronic	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
92	1.085E-03	7.04E-04	1.03E-03	1.09E-03	7.12E-04	7.16E-04	1.16E-03			
93	1.135E-03	7.37E-04	1.09E-03	1.17E-03	7.74E-04	7.82E-04	1.27E-03			
94	1.170E-03	7.60E-04	1.14E-03	1.24E-03	8.36E-04	8.51E-04	1.39E-03			
95	1.187E-03	7.71E-04	1.17E-03	1.29E-03	8.90E-04	9.17E-04	1.52E-03			
96	1.186E-03	7.70E-04	1.19E-03	1.32E-03	9.31E-04	9.71E-04	1.63E-03			
97	1.168E-03	7.58E-04	1.19E-03	1.33E-03	9.56E-04	1.01E-03	1.72E-03			
98	1.134E-03	7.36E-04	1.17E-03	1.32E-03	9.63E-04	1.03E-03	1.77E-03			
99	1.090E-03	7.08E-04	1.14E-03	1.29E-03	9.53E-04	1.02E-03	1.78E-03			
100	1.039E-03	6.74E-04	1.09E-03	1.25E-03	9.28E-04	1.00E-03	1.76E-03			
101	3.769E-04	2.45E-04	3.63E-04	3.58E-04	2.24E-04	2.19E-04	3.32E-04			
102	4.027E-04	2.61E-04	3.84E-04	3.79E-04	2.37E-04	2.32E-04	3.52E-04			
103	4.299E-04	2.79E-04	3.95E-04	3.90E-04	2.44E-04	2.39E-04	3.63E-04			
104	6.164E-04	4.00E-04	5.76E-04	5.85E-04	3.70E-04	3.63E-04	5.55E-04			
105	6.452E-04	4.19E-04	6.06E-04	6.23E-04	3.98E-04	3.92E-04	6.00E-04			
106	6.728E-04	4.37E-04	6.35E-04	6.61E-04	4.27E-04	4.23E-04	6.51E-04			
107	7.004E-04	4.55E-04	6.64E-04	6.97E-04	4.57E-04	4.56E-04	7.07E-04			
108	7.300E-04	4.74E-04	6.92E-04	7.33E-04	4.87E-04	4.89E-04	7.68E-04			
109	7.646E-04	4.96E-04	7.21E-04	7.68E-04	5.16E-04	5.23E-04	8.31E-04			
110	8.080E-04	5.25E-04	7.56E-04	8.05E-04	5.44E-04	5.56E-04	8.96E-04			
111	8.593E-04	5.58E-04	8.02E-04	8.50E-04	5.75E-04	5.90E-04	9.64E-04			
112	9.252E-04	6.01E-04	8.56E-04	8.99E-04	6.04E-04	6.21E-04	1.02E-03			
113	1.002E-03	6.51E-04	9.23E-04	9.61E-04	6.38E-04	6.54E-04	1.08E-03			
114	1.086E-03	7.05E-04	1.00E-03	1.04E-03	6.81E-04	6.94E-04	1.15E-03			
115	1.168E-03	7.59E-04	1.09E-03	1.14E-03	7.39E-04	7.46E-04	1.22E-03			
116	1.246E-03	8.09E-04	1.18E-03	1.24E-03	8.09E-04	8.14E-04	1.32E-03			
117	1.314E-03	8.53E-04	1.26E-03	1.34E-03	8.89E-04	8.96E-04	1.45E-03			
118	1.361E-03	8.83E-04	1.32E-03	1.44E-03	9.70E-04	9.87E-04	1.61E-03			
119	1.381E-03	8.97E-04	1.37E-03	1.51E-03	1.04E-03	1.08E-03	1.78E-03			
120	1.379E-03	8.95E-04	1.39E-03	1.55E-03	1.10E-03	1.15E-03	1.94E-03			
121	1.354E-03	8.79E-04	1.38E-03	1.57E-03	1.14E-03	1.20E-03	2.07E-03			
122	1.310E-03	8.51E-04	1.36E-03	1.55E-03	1.15E-03	1.23E-03	2.14E-03			

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Chronic Non-Cancer Risk Total Project Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>									
	Max Chronic	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
123	1.253E-03	8.13E-04	1.32E-03	1.51E-03	1.13E-03	1.22E-03	2.16E-03			
124	1.185E-03	7.69E-04	1.26E-03	1.45E-03	1.10E-03	1.19E-03	2.12E-03			
125	4.152E-04	2.70E-04	3.97E-04	3.90E-04	2.42E-04	2.36E-04	3.55E-04			
126	4.447E-04	2.89E-04	4.22E-04	4.15E-04	2.58E-04	2.51E-04	3.79E-04			
127	4.772E-04	3.10E-04	4.36E-04	4.30E-04	2.67E-04	2.61E-04	3.93E-04			
128	7.512E-04	4.88E-04	7.00E-04	7.17E-04	4.54E-04	4.45E-04	6.79E-04			
129	7.879E-04	5.12E-04	7.39E-04	7.67E-04	4.92E-04	4.85E-04	7.43E-04			
130	8.246E-04	5.35E-04	7.76E-04	8.17E-04	5.32E-04	5.28E-04	8.15E-04			
131	8.641E-04	5.61E-04	8.13E-04	8.64E-04	5.73E-04	5.73E-04	8.95E-04			
132	9.111E-04	5.92E-04	8.53E-04	9.12E-04	6.12E-04	6.19E-04	9.81E-04			
133	9.706E-04	6.30E-04	9.02E-04	9.64E-04	6.53E-04	6.67E-04	1.07E-03			
134	1.042E-03	6.76E-04	9.63E-04	1.02E-03	6.93E-04	7.13E-04	1.17E-03			
135	1.133E-03	7.36E-04	1.04E-03	1.09E-03	7.33E-04	7.56E-04	1.25E-03			
136	1.238E-03	8.03E-04	1.13E-03	1.18E-03	7.81E-04	8.02E-04	1.34E-03			
137	1.347E-03	8.74E-04	1.24E-03	1.30E-03	8.45E-04	8.60E-04	1.43E-03			
138	1.447E-03	9.39E-04	1.36E-03	1.43E-03	9.29E-04	9.37E-04	1.54E-03			
139	1.536E-03	9.97E-04	1.46E-03	1.56E-03	1.03E-03	1.04E-03	1.69E-03			
140	1.600E-03	1.04E-03	1.55E-03	1.69E-03	1.14E-03	1.15E-03	1.89E-03			
141	1.631E-03	1.06E-03	1.61E-03	1.79E-03	1.24E-03	1.28E-03	2.12E-03			
142	1.627E-03	1.06E-03	1.64E-03	1.86E-03	1.32E-03	1.38E-03	2.35E-03			
143	1.592E-03	1.03E-03	1.64E-03	1.88E-03	1.37E-03	1.46E-03	2.54E-03			
144	1.530E-03	9.93E-04	1.60E-03	1.86E-03	1.39E-03	1.50E-03	2.65E-03			
145	1.451E-03	9.42E-04	1.54E-03	1.80E-03	1.37E-03	1.49E-03	2.68E-03			
146	1.361E-03	8.84E-04	1.46E-03	1.71E-03	1.31E-03	1.45E-03	2.62E-03			
147	4.598E-04	2.99E-04	4.35E-04	4.25E-04	2.62E-04	2.54E-04	3.79E-04			
148	4.936E-04	3.20E-04	4.65E-04	4.55E-04	2.80E-04	2.72E-04	4.07E-04			
149	5.342E-04	3.47E-04	4.86E-04	4.76E-04	2.94E-04	2.85E-04	4.27E-04			
150	8.870E-04	5.76E-04	8.18E-04	8.34E-04	5.22E-04	5.09E-04	7.74E-04			
151	9.372E-04	6.08E-04	8.71E-04	9.02E-04	5.73E-04	5.61E-04	8.55E-04			
152	9.872E-04	6.41E-04	9.22E-04	9.70E-04	6.27E-04	6.18E-04	9.49E-04			
153	1.041E-03	6.76E-04	9.72E-04	1.04E-03	6.84E-04	6.81E-04	1.06E-03			

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Chronic Non-Cancer Risk Total Project Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>									
	Max Chronic	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
154	1.107E-03	7.19E-04	1.03E-03	1.10E-03	7.40E-04	7.46E-04	1.18E-03			
155	1.187E-03	7.71E-04	1.10E-03	1.18E-03	8.01E-04	8.17E-04	1.31E-03			
156	1.293E-03	8.39E-04	1.18E-03	1.26E-03	8.55E-04	8.80E-04	1.44E-03			
157	1.422E-03	9.23E-04	1.29E-03	1.36E-03	9.12E-04	9.42E-04	1.57E-03			
158	1.564E-03	1.02E-03	1.43E-03	1.49E-03	9.83E-04	1.01E-03	1.70E-03			
159	1.702E-03	1.11E-03	1.57E-03	1.66E-03	1.08E-03	1.10E-03	1.83E-03			
160	1.822E-03	1.18E-03	1.72E-03	1.84E-03	1.20E-03	1.21E-03	2.00E-03			
161	1.911E-03	1.24E-03	1.84E-03	2.02E-03	1.35E-03	1.36E-03	2.24E-03			
162	1.954E-03	1.27E-03	1.93E-03	2.17E-03	1.50E-03	1.53E-03	2.55E-03			
163	1.948E-03	1.26E-03	1.97E-03	2.26E-03	1.62E-03	1.69E-03	2.89E-03			
164	1.898E-03	1.23E-03	1.96E-03	2.29E-03	1.70E-03	1.81E-03	3.18E-03			
165	1.813E-03	1.18E-03	1.91E-03	2.26E-03	1.72E-03	1.87E-03	3.36E-03			
166	1.704E-03	1.11E-03	1.83E-03	2.17E-03	1.68E-03	1.86E-03	3.41E-03			
167	1.582E-03	1.03E-03	1.72E-03	2.04E-03	1.61E-03	1.79E-03	3.31E-03			
168	1.454E-03	9.44E-04	1.59E-03	1.90E-03	1.50E-03	1.68E-03	3.12E-03			
169	5.117E-04	3.32E-04	4.79E-04	4.64E-04	2.83E-04	2.72E-04	4.04E-04			
170	5.511E-04	3.58E-04	5.15E-04	5.00E-04	3.05E-04	2.94E-04	4.36E-04			
171	6.025E-04	3.91E-04	5.45E-04	5.31E-04	3.24E-04	3.12E-04	4.63E-04			
172	6.415E-04	4.16E-04	5.75E-04	5.61E-04	3.42E-04	3.30E-04	4.91E-04			
173	1.065E-03	6.91E-04	9.69E-04	9.82E-04	6.07E-04	5.89E-04	8.88E-04			
174	1.136E-03	7.37E-04	1.04E-03	1.08E-03	6.75E-04	6.56E-04	9.94E-04			
175	1.206E-03	7.83E-04	1.12E-03	1.17E-03	7.50E-04	7.34E-04	1.12E-03			
176	1.283E-03	8.33E-04	1.19E-03	1.27E-03	8.31E-04	8.21E-04	1.26E-03			
177	1.378E-03	8.95E-04	1.27E-03	1.37E-03	9.15E-04	9.17E-04	1.43E-03			
178	1.494E-03	9.70E-04	1.37E-03	1.48E-03	1.00E-03	1.02E-03	1.63E-03			
179	1.650E-03	1.07E-03	1.49E-03	1.59E-03	1.08E-03	1.12E-03	1.83E-03			
180	1.835E-03	1.19E-03	1.65E-03	1.74E-03	1.17E-03	1.21E-03	2.03E-03			
181	2.024E-03	1.31E-03	1.85E-03	1.95E-03	1.28E-03	1.31E-03	2.23E-03			
182	2.196E-03	1.43E-03	2.05E-03	2.19E-03	1.43E-03	1.45E-03	2.44E-03			
183	2.026E-03	1.32E-03	2.20E-03	2.67E-03	2.13E-03	2.39E-03	4.48E-03			
184	1.856E-03	1.21E-03	2.05E-03	2.49E-03	2.01E-03	2.28E-03	4.33E-03			

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Chronic Non-Cancer Risk Total Project Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>									
	Max Chronic	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
185	6.185E-04	4.02E-04	5.71E-04	5.50E-04	3.31E-04	3.17E-04	4.66E-04			
186	6.824E-04	4.43E-04	6.13E-04	5.91E-04	3.56E-04	3.41E-04	5.01E-04			
187	7.329E-04	4.76E-04	6.50E-04	6.29E-04	3.79E-04	3.63E-04	5.34E-04			
188	1.303E-03	8.46E-04	1.17E-03	1.17E-03	7.14E-04	6.86E-04	1.02E-03			
189	1.407E-03	9.14E-04	1.27E-03	1.31E-03	8.06E-04	7.77E-04	1.16E-03			
190	1.510E-03	9.81E-04	1.38E-03	1.45E-03	9.12E-04	8.84E-04	1.33E-03			
191	1.623E-03	1.05E-03	1.48E-03	1.59E-03	1.03E-03	1.01E-03	1.53E-03			
192	1.759E-03	1.14E-03	1.61E-03	1.75E-03	1.16E-03	1.16E-03	1.79E-03			
193	1.940E-03	1.26E-03	1.75E-03	1.90E-03	1.29E-03	1.31E-03	2.08E-03			
194	2.179E-03	1.41E-03	1.94E-03	2.08E-03	1.42E-03	1.46E-03	2.40E-03			
195	2.447E-03	1.59E-03	2.19E-03	2.32E-03	1.55E-03	1.61E-03	2.72E-03			
196	2.705E-03	1.76E-03	2.48E-03	2.64E-03	1.73E-03	1.78E-03	3.05E-03			
197	2.894E-03	1.88E-03	2.74E-03	3.01E-03	1.98E-03	2.01E-03	3.41E-03			
198	7.736E-04	5.02E-04	6.86E-04	6.53E-04	3.87E-04	3.68E-04	5.36E-04			
199	8.472E-04	5.50E-04	7.44E-04	7.10E-04	4.21E-04	4.00E-04	5.82E-04			
200	8.811E-04	5.72E-04	7.71E-04	7.24E-04	4.22E-04	3.97E-04	5.73E-04			
201	9.826E-04	6.38E-04	8.51E-04	8.00E-04	4.65E-04	4.38E-04	6.30E-04			
202	1.082E-03	7.03E-04	9.27E-04	8.74E-04	5.07E-04	4.77E-04	6.85E-04			
203	1.138E-03	7.39E-04	9.69E-04	8.94E-04	5.09E-04	4.74E-04	6.76E-04			
204	1.295E-03	8.41E-04	1.09E-03	1.01E-03	5.71E-04	5.30E-04	7.52E-04			
205	1.464E-03	9.51E-04	1.22E-03	1.13E-03	6.37E-04	5.90E-04	8.35E-04			
206	1.536E-03	9.97E-04	1.26E-03	1.14E-03	6.31E-04	5.80E-04	8.16E-04			
207	1.788E-03	1.16E-03	1.45E-03	1.31E-03	7.16E-04	6.56E-04	9.17E-04			
208	2.096E-03	1.36E-03	1.67E-03	1.51E-03	8.21E-04	7.48E-04	1.04E-03			
209	1.814E-03	1.18E-03	1.46E-03	1.28E-03	6.92E-04	6.32E-04	8.83E-04			
210	2.191E-03	1.42E-03	1.72E-03	1.51E-03	8.03E-04	7.28E-04	1.01E-03			
211	2.646E-03	1.72E-03	2.03E-03	1.77E-03	9.31E-04	8.37E-04	1.15E-03			
212	2.653E-03	1.72E-03	2.02E-03	1.71E-03	8.92E-04	8.02E-04	1.11E-03			
213	3.379E-03	2.19E-03	2.48E-03	2.08E-03	1.06E-03	9.45E-04	1.29E-03			
214	4.318E-03	2.80E-03	3.05E-03	2.54E-03	1.26E-03	1.11E-03	1.50E-03			
215	3.187E-03	2.07E-03	2.34E-03	1.94E-03	9.93E-04	8.87E-04	1.21E-03			

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Chronic Non-Cancer Risk Total Project Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>									
	Max Chronic	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
216	4.221E-03	2.74E-03	2.96E-03	2.41E-03	1.20E-03	1.06E-03	1.43E-03			
217	5.697E-03	3.70E-03	3.78E-03	3.01E-03	1.44E-03	1.26E-03	1.67E-03			
218	7.455E-03	4.84E-03	4.67E-03	3.56E-03	1.65E-03	1.42E-03	1.86E-03			
219	1.162E-02	7.54E-03	6.57E-03	4.78E-03	2.10E-03	1.76E-03	2.25E-03			
220	9.372E-03	6.08E-03	5.67E-03	4.14E-03	1.85E-03	1.57E-03	2.02E-03			
221	1.497E-02	9.72E-03	8.14E-03	5.57E-03	2.34E-03	1.93E-03	2.42E-03			
222	1.054E-02	6.85E-03	6.50E-03	4.54E-03	1.99E-03	1.66E-03	2.10E-03			
223	1.629E-02	1.06E-02	9.28E-03	6.03E-03	2.48E-03	2.03E-03	2.50E-03			
224	2.722E-02	1.77E-02	1.42E-02	8.40E-03	3.20E-03	2.54E-03	3.03E-03			
225	1.453E-02	9.44E-03	9.25E-03	5.91E-03	2.46E-03	2.01E-03	2.46E-03			
226	2.042E-02	1.33E-02	1.29E-02	7.69E-03	3.03E-03	2.43E-03	2.89E-03			
227	6.248E-04	4.06E-04	7.67E-04	8.53E-04	6.41E-04	6.95E-04	1.15E-03			
228	5.569E-04	3.62E-04	6.77E-04	7.48E-04	5.58E-04	6.03E-04	9.99E-04			
229	5.000E-04	3.25E-04	6.03E-04	6.62E-04	4.90E-04	5.27E-04	8.73E-04			
230	4.518E-04	2.93E-04	5.40E-04	5.91E-04	4.34E-04	4.65E-04	7.69E-04			
231	5.736E-04	3.72E-04	6.99E-04	7.70E-04	5.71E-04	6.13E-04	1.01E-03			
232	5.142E-04	3.34E-04	6.22E-04	6.82E-04	5.03E-04	5.38E-04	8.84E-04			
233	4.639E-04	3.01E-04	5.57E-04	6.08E-04	4.46E-04	4.76E-04	7.81E-04			
234	4.210E-04	2.73E-04	5.02E-04	5.46E-04	3.98E-04	4.24E-04	6.94E-04			
235	5.290E-04	3.43E-04	6.39E-04	6.98E-04	5.11E-04	5.44E-04	8.84E-04			
236	4.771E-04	3.10E-04	5.72E-04	6.23E-04	4.54E-04	4.83E-04	7.85E-04			
237	4.326E-04	2.81E-04	5.16E-04	5.59E-04	4.06E-04	4.31E-04	7.01E-04			
238	3.942E-04	2.56E-04	4.67E-04	5.05E-04	3.65E-04	3.87E-04	6.29E-04			
239	4.298E-03	2.79E-03	6.70E-03	8.75E-03	7.59E-03	8.10E-03	1.06E-02			
240	3.689E-03	2.39E-03	5.59E-03	7.24E-03	6.36E-03	7.02E-03	9.81E-03			
241	3.199E-03	2.08E-03	4.74E-03	6.06E-03	5.34E-03	6.03E-03	8.90E-03			
242	2.800E-03	1.82E-03	4.06E-03	5.13E-03	4.51E-03	5.16E-03	7.95E-03			
243	3.777E-03	2.45E-03	5.74E-03	7.18E-03	5.87E-03	6.14E-03	8.19E-03			
244	3.276E-03	2.13E-03	4.87E-03	6.07E-03	5.06E-03	5.44E-03	7.64E-03			
245	2.867E-03	1.86E-03	4.17E-03	5.18E-03	4.36E-03	4.78E-03	7.01E-03			
246	2.528E-03	1.64E-03	3.61E-03	4.45E-03	3.76E-03	4.19E-03	6.36E-03			



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Chronic Non-Cancer Risk Total Project Summary**

Receptor #	Chronic Non Cancer Risk									
	Max Chronic	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
247	3.344E-03	2.17E-03	4.96E-03	5.97E-03	4.67E-03	4.81E-03	6.51E-03			
248	2.928E-03	1.90E-03	4.26E-03	5.15E-03	4.11E-03	4.33E-03	6.11E-03			
249	2.583E-03	1.68E-03	3.70E-03	4.46E-03	3.61E-03	3.87E-03	5.66E-03			
250	2.294E-03	1.49E-03	3.23E-03	3.89E-03	3.17E-03	3.45E-03	5.19E-03			
251	1.345E-03	8.73E-04	1.76E-03	1.97E-03	1.48E-03	1.56E-03	2.37E-03			
252	1.236E-03	8.02E-04	1.61E-03	1.80E-03	1.36E-03	1.44E-03	2.22E-03			
253	1.614E-03	1.05E-03	2.14E-03	2.33E-03	1.66E-03	1.70E-03	2.49E-03			
254	1.477E-03	9.59E-04	1.94E-03	2.13E-03	1.54E-03	1.59E-03	2.35E-03			
255	1.248E-03	8.10E-04	1.62E-03	1.79E-03	1.32E-03	1.38E-03	2.09E-03			
256	1.152E-03	7.48E-04	1.48E-03	1.65E-03	1.22E-03	1.28E-03	1.97E-03			
257	9.213E-04	5.98E-04	1.16E-03	1.29E-03	9.63E-04	1.03E-03	1.62E-03			
258	1.480E-03	9.60E-04	1.93E-03	2.08E-03	1.46E-03	1.49E-03	2.18E-03			
259	1.361E-03	8.83E-04	1.77E-03	1.92E-03	1.37E-03	1.40E-03	2.07E-03			
260	1.255E-03	8.14E-04	1.62E-03	1.77E-03	1.27E-03	1.31E-03	1.96E-03			
261	1.160E-03	7.53E-04	1.49E-03	1.63E-03	1.18E-03	1.23E-03	1.86E-03			
262	1.075E-03	6.98E-04	1.37E-03	1.51E-03	1.10E-03	1.15E-03	1.75E-03			
263	8.685E-04	5.64E-04	1.09E-03	1.20E-03	8.84E-04	9.37E-04	1.47E-03			
264	1.255E-03	8.15E-04	1.61E-03	1.73E-03	1.22E-03	1.24E-03	1.84E-03			
265	1.163E-03	7.55E-04	1.49E-03	1.60E-03	1.14E-03	1.17E-03	1.75E-03			
266	1.079E-03	7.00E-04	1.37E-03	1.49E-03	1.07E-03	1.10E-03	1.66E-03			
267	1.004E-03	6.51E-04	1.27E-03	1.38E-03	9.98E-04	1.04E-03	1.57E-03			
268	8.192E-04	5.32E-04	1.02E-03	1.11E-03	8.14E-04	8.57E-04	1.34E-03			
269	1.199E-03	7.78E-04	1.44E-03	1.71E-03	1.41E-03	1.63E-03	3.00E-03			
270	1.037E-03	6.73E-04	1.23E-03	1.44E-03	1.16E-03	1.32E-03	2.38E-03			
271	9.046E-04	5.87E-04	1.06E-03	1.23E-03	9.68E-04	1.09E-03	1.92E-03			
272	7.958E-04	5.17E-04	9.26E-04	1.05E-03	8.19E-04	9.11E-04	1.59E-03			
273	7.056E-04	4.58E-04	8.13E-04	9.16E-04	7.02E-04	7.73E-04	1.33E-03			
274	6.300E-04	4.09E-04	7.20E-04	8.03E-04	6.07E-04	6.64E-04	1.13E-03			
275	5.661E-04	3.68E-04	6.42E-04	7.10E-04	5.31E-04	5.76E-04	9.71E-04			
276	1.098E-03	7.13E-04	1.32E-03	1.55E-03	1.26E-03	1.44E-03	2.60E-03			
277	9.507E-04	6.17E-04	1.13E-03	1.31E-03	1.04E-03	1.17E-03	2.07E-03			

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Chronic Non-Cancer Risk Total Project Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>									
	Max Chronic	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
278	8.311E-04	5.40E-04	9.77E-04	1.11E-03	8.69E-04	9.69E-04	1.69E-03			
279	7.329E-04	4.76E-04	8.52E-04	9.61E-04	7.38E-04	8.15E-04	1.40E-03			
280	6.515E-04	4.23E-04	7.51E-04	8.38E-04	6.35E-04	6.95E-04	1.18E-03			
281	5.834E-04	3.79E-04	6.66E-04	7.37E-04	5.52E-04	6.00E-04	1.01E-03			
282	5.258E-04	3.41E-04	5.96E-04	6.54E-04	4.85E-04	5.23E-04	8.76E-04			
283	9.941E-04	6.45E-04	1.20E-03	1.38E-03	1.10E-03	1.25E-03	2.21E-03			
284	8.640E-04	5.61E-04	1.03E-03	1.17E-03	9.17E-04	1.02E-03	1.78E-03			
285	7.583E-04	4.92E-04	8.90E-04	1.00E-03	7.73E-04	8.55E-04	1.47E-03			
286	6.714E-04	4.36E-04	7.80E-04	8.71E-04	6.61E-04	7.25E-04	1.23E-03			
287	5.991E-04	3.89E-04	6.89E-04	7.63E-04	5.72E-04	6.23E-04	1.05E-03			
288	5.385E-04	3.50E-04	6.14E-04	6.75E-04	5.01E-04	5.41E-04	9.06E-04			
289	4.870E-04	3.16E-04	5.51E-04	6.01E-04	4.42E-04	4.75E-04	7.91E-04			
290	8.935E-04	5.80E-04	1.07E-03	1.23E-03	9.62E-04	1.08E-03	1.88E-03			
291	7.810E-04	5.07E-04	9.26E-04	1.04E-03	8.07E-04	8.93E-04	1.54E-03			
292	6.891E-04	4.47E-04	8.07E-04	9.02E-04	6.87E-04	7.54E-04	1.29E-03			
293	6.131E-04	3.98E-04	7.11E-04	7.88E-04	5.92E-04	6.45E-04	1.09E-03			
294	5.496E-04	3.57E-04	6.32E-04	6.94E-04	5.16E-04	5.59E-04	9.38E-04			
295	4.961E-04	3.22E-04	5.65E-04	6.17E-04	4.55E-04	4.89E-04	8.16E-04			
296	4.505E-04	2.92E-04	5.10E-04	5.53E-04	4.04E-04	4.32E-04	7.17E-04			
297	8.009E-04	5.20E-04	9.60E-04	1.09E-03	8.41E-04	9.33E-04	1.61E-03			
298	7.046E-04	4.57E-04	8.34E-04	9.34E-04	7.13E-04	7.84E-04	1.34E-03			
299	6.253E-04	4.06E-04	7.33E-04	8.13E-04	6.13E-04	6.69E-04	1.13E-03			
300	5.594E-04	3.63E-04	6.49E-04	7.14E-04	5.33E-04	5.78E-04	9.72E-04			
301	5.039E-04	3.27E-04	5.79E-04	6.34E-04	4.68E-04	5.04E-04	8.44E-04			
302	4.569E-04	2.97E-04	5.21E-04	5.67E-04	4.15E-04	4.45E-04	7.39E-04			
303	4.166E-04	2.70E-04	4.72E-04	5.10E-04	3.71E-04	3.96E-04	6.54E-04			
304	7.182E-04	4.66E-04	8.62E-04	9.67E-04	7.41E-04	8.17E-04	1.40E-03			
305	6.362E-04	4.13E-04	7.54E-04	8.39E-04	6.35E-04	6.95E-04	1.18E-03			
306	5.680E-04	3.69E-04	6.67E-04	7.36E-04	5.51E-04	5.99E-04	1.01E-03			
307	5.109E-04	3.32E-04	5.94E-04	6.51E-04	4.83E-04	5.21E-04	8.74E-04			
308	4.625E-04	3.00E-04	5.33E-04	5.81E-04	4.27E-04	4.59E-04	7.65E-04			

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Chronic Non-Cancer Risk Total Project Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>									
	Max Chronic	Parcel 1	Parcel 2	Parcel 3	Parcel 4	Parcel 5	Parcel 6	Parcel 7	Parcel 8	Parcel 9
309	4.211E-04	2.73E-04	4.82E-04	5.22E-04	3.81E-04	4.07E-04	6.75E-04			
310	3.855E-04	2.50E-04	4.38E-04	4.73E-04	3.42E-04	3.64E-04	6.01E-04			
311	6.467E-04	4.20E-04	7.78E-04	8.68E-04	6.60E-04	7.23E-04	1.23E-03			
312	5.763E-04	3.74E-04	6.86E-04	7.60E-04	5.71E-04	6.21E-04	1.05E-03			
313	5.176E-04	3.36E-04	6.10E-04	6.71E-04	4.99E-04	5.40E-04	9.06E-04			
314	4.679E-04	3.04E-04	5.47E-04	5.97E-04	4.40E-04	4.74E-04	7.91E-04			
315	4.255E-04	2.76E-04	4.93E-04	5.36E-04	3.92E-04	4.20E-04	6.97E-04			
316	3.891E-04	2.53E-04	4.48E-04	4.84E-04	3.51E-04	3.75E-04	6.20E-04			
317	3.575E-04	2.32E-04	4.09E-04	4.40E-04	3.17E-04	3.37E-04	5.55E-04			

Source:

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## 2: Unmitigated Parcel 1 Risk



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## **Unmitigated Construction Health Risk for Parcel 1**

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Parcel 1-A: Unmitigated Construction Health Risk for Parcel 1 - Assumptions

Parcel 1-B: Unmitigated - Parcel 1 - Emissions

Parcel 1-C: Unmitigated - Parcel 1 - Risk Summary

Parcel 1-D: Unmitigated - Parcel 1 - Site Preparation Risk

Parcel 1-E: Unmitigated - Parcel 1 - Grading Risk

Parcel 1-F: Unmitigated - Parcel 1 - Building Construction Risk

Parcel 1-G: Unmitigated - Parcel 1 - Paving Risk

Parcel 1-H: Unmitigated - Parcel 1 - Architectural Coating Risk



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Parcel 1-A: Unmitigated Construction Health Risk for Parcel 1 - Assumptions



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## Manning Ave. Annexation 2020-01 Project

### Unmitigated Construction Health Risk for Parcel 1 - Assumptions

Date: 4/28/2022

	3rd	0-2	2-16	>16	Units
DBR	361	1090	631	261	L/kg
A	1				no units
EF	0.95890411				years
Constant 1	0.000001				no units
CPF	1.1				mg/kg-day-1
ASF	10	10	3	1	no units
Site Preparation	0.00	0.01	0.00	0.00	years
Grading	0.00	0.01	0.00	0.00	years
Building Construction	0.00	0.55	0.00	0.00	years
Paving	0.00	0.03	0.00	0.00	years
Architectural Coating	0.00	0.03	0.00	0.00	years
AT	70				years
FAH	1	1	1	0.73	day
Constant 2	1,000,000				no units
Dose Constant	3.46E-04	1.05E-03	6.05E-04	2.50E-04	
Risk Constant	0.00E+00	8.61E-04	0.00E+00	0.00E+00	

*Source: OEHHA 2015*

Dose =

(Cair X DBR X A X EF X Constant 1)

Cair = concentration in air ( $\mu\text{g}/\text{m}^3$ )

DBR = daily breathing rate normalized to body weight (l/kg bod weight -day)

A = Inhalation adsorption factor (unitless)

EF = Exposure frequency (unitless), days/365 days

Constant 1 = micrograms to milligrams conversion, liters to cubic meters conversion

Cancer Risk =

Dose X CPF x ASF x (ED/AT) X FAH

Dose = Daily inhalation dose (mg/kg-day)

CPF = Inhalation cancer potency factor ( $\text{mg}/\text{kg}\text{-day}^{-1}$ )

ASF = Age sensitivity factor for a specified age group (unitless)

ED = Exposure duration (in years) for a specified age group

AT = Averaging time for lifetime cancer risk (years)

FAH = Fraction of time spent at home (unitless)

Risk per Million =

Cancer Risk X Constant 2

FAH

If school is within the 1 per million cancer bracket:

3rd to 2 years 1

2 to 16 1

16-30 0.73

If school is not within the 1 per million cancer bracket:

3rd to 2 years 0.85

2 to 16 0.72

16-30 0.73

*Source: OEHHA 2015*

**Onsite Concentrations**

	<b>Source ID</b>	<b>PM10 (lbs/day)</b>	<b>PM10 (gr/day)</b>	<b>PM10 (gr/sec)</b>	<b>Days</b>	<b>Years</b>
Site Preparation	P1A	0.51	230.15277	0.0063931	2	0.005
Grading	P1A	0.60	274.15123	0.0076153	4	0.011
Building Construction	P1B	0.51	233.37327	0.0064826	200	0.548
Paving	P1A	0.31	139.88789	0.0038858	10	0.027
Architectural Coating	P1B	0.07	32.11434	0.0008921	10	0.027



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Construction Health Risk for Parcel 1 - Assumptions**

**Sources**

P1A	Parcel 1	Site Preparation, grading, and paving
P1B	Parcel 1	Building Construction and Architectural Coating

Meteorological Data Fresno Airport 2013 - 2017. Supplied by SJVAPCD  
Elevation 101 M.

**Assumptions and Constants:**

- 365 days per year construction
- 453.59237 conversion from lbs to grams
- 10 hours per day construction
- 60 minutes per hour
- 60 seconds per minute
- 1 year construction per parcel
- 0-2 year age bin as conservative risk.

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Parcel 1-B: Unmitigated - Parcel 1 - Emissions



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

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**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Emissions**

	<b>PM10 Exhaust</b>	<b>days/phase</b>
Site Preparation	0.5074	2
Grading	0.6044	4
Building Construction	0.5145	200
Paving	0.3084	10
Architectural Coating	0.0708	10

Source: CalEEMod Title: Annexation 2020-01 Kings River Development Service Station Parcel #1  
CalEEMod Date: 4/28/2022

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Parcel 1-C: Unmitigated - Parcel 1 - Risk Summary



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

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**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
1	1.207E-03	3.06E-04	3.6E-04	3.09E-04	1.86E-04	4.25E-05
2	1.284E-03	3.23E-04	3.9E-04	3.33E-04	1.97E-04	4.59E-05
3	1.345E-03	3.40E-04	4.1E-04	3.46E-04	2.07E-04	4.76E-05
4	1.709E-03	4.32E-04	5.1E-04	4.39E-04	2.63E-04	6.04E-05
5	1.759E-03	4.45E-04	5.3E-04	4.52E-04	2.70E-04	6.22E-05
6	1.807E-03	4.57E-04	5.4E-04	4.64E-04	2.78E-04	6.39E-05
7	1.855E-03	4.69E-04	5.6E-04	4.76E-04	2.85E-04	6.55E-05
8	1.906E-03	4.82E-04	5.7E-04	4.89E-04	2.93E-04	6.73E-05
9	1.963E-03	4.97E-04	5.9E-04	5.04E-04	3.02E-04	6.93E-05
10	2.030E-03	5.14E-04	6.1E-04	5.21E-04	3.12E-04	7.17E-05
11	2.112E-03	5.34E-04	6.4E-04	5.42E-04	3.25E-04	7.46E-05
12	2.212E-03	5.59E-04	6.7E-04	5.67E-04	3.40E-04	7.81E-05
13	2.329E-03	5.89E-04	7.0E-04	5.98E-04	3.58E-04	8.24E-05
14	2.462E-03	6.23E-04	7.4E-04	6.32E-04	3.78E-04	8.70E-05
15	2.612E-03	6.61E-04	7.9E-04	6.70E-04	4.02E-04	9.22E-05
16	2.770E-03	7.02E-04	8.4E-04	7.09E-04	4.26E-04	9.75E-05
17	2.928E-03	7.41E-04	8.8E-04	7.51E-04	4.50E-04	1.03E-04
18	3.099E-03	7.84E-04	9.3E-04	7.95E-04	4.77E-04	1.09E-04
19	3.257E-03	8.24E-04	9.8E-04	8.35E-04	5.01E-04	1.15E-04
20	3.393E-03	8.58E-04	1.0E-03	8.71E-04	5.22E-04	1.20E-04
21	3.502E-03	8.86E-04	1.1E-03	8.99E-04	5.38E-04	1.24E-04
22	3.576E-03	9.04E-04	1.1E-03	9.18E-04	5.50E-04	1.26E-04
23	3.614E-03	9.14E-04	1.1E-03	9.28E-04	5.55E-04	1.28E-04
24	3.616E-03	9.14E-04	1.1E-03	9.29E-04	5.56E-04	1.28E-04
25	3.583E-03	9.06E-04	1.1E-03	9.21E-04	5.51E-04	1.27E-04
26	1.308E-03	3.32E-04	4.0E-04	3.34E-04	2.02E-04	4.60E-05
27	1.391E-03	3.50E-04	4.2E-04	3.61E-04	2.13E-04	4.97E-05
28	1.462E-03	3.70E-04	4.4E-04	3.76E-04	2.25E-04	5.17E-05
29	1.905E-03	4.82E-04	5.7E-04	4.89E-04	2.93E-04	6.73E-05
30	1.967E-03	4.97E-04	5.9E-04	5.05E-04	3.02E-04	6.95E-05

Max	Receptor #
0.122	224

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
31	2.027E-03	5.13E-04	6.1E-04	5.20E-04	3.12E-04	7.16E-05
32	2.087E-03	5.28E-04	6.3E-04	5.36E-04	3.21E-04	7.37E-05
33	2.150E-03	5.44E-04	6.5E-04	5.52E-04	3.30E-04	7.59E-05
34	2.221E-03	5.62E-04	6.7E-04	5.70E-04	3.41E-04	7.84E-05
35	2.306E-03	5.83E-04	6.9E-04	5.92E-04	3.55E-04	8.14E-05
36	2.410E-03	6.10E-04	7.3E-04	6.18E-04	3.71E-04	8.51E-05
37	2.538E-03	6.42E-04	7.6E-04	6.52E-04	3.90E-04	8.97E-05
38	2.684E-03	6.79E-04	8.1E-04	6.89E-04	4.13E-04	9.48E-05
39	2.857E-03	7.23E-04	8.6E-04	7.33E-04	4.39E-04	1.01E-04
40	3.044E-03	7.70E-04	9.2E-04	7.81E-04	4.68E-04	1.07E-04
41	3.236E-03	8.19E-04	9.8E-04	8.29E-04	4.98E-04	1.14E-04
42	3.436E-03	8.69E-04	1.0E-03	8.83E-04	5.28E-04	1.22E-04
43	3.629E-03	9.18E-04	1.1E-03	9.31E-04	5.58E-04	1.28E-04
44	3.800E-03	9.61E-04	1.1E-03	9.75E-04	5.84E-04	1.34E-04
45	3.936E-03	9.96E-04	1.2E-03	1.01E-03	6.05E-04	1.39E-04
46	4.029E-03	1.02E-03	1.2E-03	1.03E-03	6.19E-04	1.42E-04
47	4.076E-03	1.03E-03	1.2E-03	1.05E-03	6.26E-04	1.44E-04
48	4.076E-03	1.03E-03	1.2E-03	1.05E-03	6.26E-04	1.44E-04
49	4.032E-03	1.02E-03	1.2E-03	1.04E-03	6.20E-04	1.43E-04
50	3.950E-03	9.99E-04	1.2E-03	1.02E-03	6.07E-04	1.40E-04
51	1.420E-03	3.60E-04	4.3E-04	3.63E-04	2.19E-04	4.99E-05
52	1.513E-03	3.81E-04	4.5E-04	3.92E-04	2.32E-04	5.39E-05
53	1.596E-03	4.03E-04	4.8E-04	4.10E-04	2.45E-04	5.64E-05
54	2.140E-03	5.41E-04	6.4E-04	5.50E-04	3.29E-04	7.57E-05
55	2.218E-03	5.61E-04	6.7E-04	5.70E-04	3.41E-04	7.84E-05
56	2.293E-03	5.80E-04	6.9E-04	5.89E-04	3.52E-04	8.10E-05
57	2.368E-03	5.99E-04	7.1E-04	6.08E-04	3.64E-04	8.36E-05
58	2.447E-03	6.19E-04	7.4E-04	6.28E-04	3.76E-04	8.64E-05
59	2.538E-03	6.42E-04	7.6E-04	6.51E-04	3.90E-04	8.96E-05
60	2.648E-03	6.70E-04	8.0E-04	6.79E-04	4.07E-04	9.35E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
61	2.783E-03	7.04E-04	8.4E-04	7.14E-04	4.28E-04	9.82E-05
62	2.950E-03	7.46E-04	8.9E-04	7.58E-04	4.53E-04	1.04E-04
63	3.139E-03	7.94E-04	9.5E-04	8.05E-04	4.83E-04	1.11E-04
64	3.361E-03	8.51E-04	1.0E-03	8.62E-04	5.17E-04	1.19E-04
65	3.597E-03	9.10E-04	1.1E-03	9.22E-04	5.53E-04	1.27E-04
66	3.834E-03	9.71E-04	1.2E-03	9.82E-04	5.90E-04	1.35E-04
67	4.074E-03	1.03E-03	1.2E-03	1.05E-03	6.26E-04	1.44E-04
68	4.293E-03	1.08E-03	1.3E-03	1.10E-03	6.59E-04	1.52E-04
69	4.461E-03	1.13E-03	1.3E-03	1.14E-03	6.86E-04	1.58E-04
70	4.580E-03	1.16E-03	1.4E-03	1.18E-03	7.04E-04	1.62E-04
71	4.638E-03	1.17E-03	1.4E-03	1.19E-03	7.13E-04	1.64E-04
72	4.636E-03	1.17E-03	1.4E-03	1.19E-03	7.12E-04	1.64E-04
73	4.577E-03	1.16E-03	1.4E-03	1.18E-03	7.03E-04	1.62E-04
74	4.468E-03	1.13E-03	1.3E-03	1.15E-03	6.87E-04	1.58E-04
75	4.319E-03	1.09E-03	1.3E-03	1.11E-03	6.64E-04	1.53E-04
76	1.548E-03	3.92E-04	4.7E-04	3.95E-04	2.38E-04	5.44E-05
77	1.652E-03	4.16E-04	5.0E-04	4.28E-04	2.53E-04	5.88E-05
78	1.752E-03	4.43E-04	5.3E-04	4.50E-04	2.69E-04	6.19E-05
79	2.425E-03	6.13E-04	7.3E-04	6.23E-04	3.73E-04	8.57E-05
80	2.524E-03	6.38E-04	7.6E-04	6.48E-04	3.88E-04	8.92E-05
81	2.620E-03	6.63E-04	7.9E-04	6.73E-04	4.03E-04	9.26E-05
82	2.715E-03	6.87E-04	8.2E-04	6.97E-04	4.17E-04	9.59E-05
83	2.817E-03	7.13E-04	8.5E-04	7.23E-04	4.33E-04	9.95E-05
84	2.935E-03	7.43E-04	8.8E-04	7.53E-04	4.51E-04	1.04E-04
85	3.079E-03	7.79E-04	9.3E-04	7.90E-04	4.74E-04	1.09E-04
86	3.259E-03	8.24E-04	9.8E-04	8.37E-04	5.01E-04	1.15E-04
87	3.471E-03	8.78E-04	1.0E-03	8.90E-04	5.34E-04	1.22E-04
88	3.729E-03	9.44E-04	1.1E-03	9.56E-04	5.74E-04	1.32E-04
89	4.017E-03	1.02E-03	1.2E-03	1.03E-03	6.18E-04	1.42E-04
90	4.319E-03	1.09E-03	1.3E-03	1.10E-03	6.65E-04	1.52E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
91	4.602E-03	1.16E-03	1.4E-03	1.18E-03	7.07E-04	1.63E-04
92	4.881E-03	1.23E-03	1.5E-03	1.26E-03	7.50E-04	1.73E-04
93	5.109E-03	1.29E-03	1.5E-03	1.32E-03	7.84E-04	1.81E-04
94	5.266E-03	1.33E-03	1.6E-03	1.36E-03	8.08E-04	1.87E-04
95	5.343E-03	1.35E-03	1.6E-03	1.38E-03	8.20E-04	1.90E-04
96	5.337E-03	1.35E-03	1.6E-03	1.38E-03	8.19E-04	1.90E-04
97	5.256E-03	1.33E-03	1.6E-03	1.36E-03	8.06E-04	1.87E-04
98	5.101E-03	1.29E-03	1.5E-03	1.31E-03	7.84E-04	1.80E-04
99	4.906E-03	1.24E-03	1.5E-03	1.26E-03	7.54E-04	1.74E-04
100	4.674E-03	1.18E-03	1.4E-03	1.20E-03	7.18E-04	1.65E-04
101	1.696E-03	4.30E-04	5.1E-04	4.33E-04	2.61E-04	5.97E-05
102	1.812E-03	4.57E-04	5.4E-04	4.68E-04	2.78E-04	6.45E-05
103	1.934E-03	4.89E-04	5.8E-04	4.97E-04	2.97E-04	6.84E-05
104	2.774E-03	7.01E-04	8.4E-04	7.12E-04	4.26E-04	9.80E-05
105	2.903E-03	7.34E-04	8.7E-04	7.45E-04	4.46E-04	1.03E-04
106	3.028E-03	7.66E-04	9.1E-04	7.77E-04	4.65E-04	1.07E-04
107	3.152E-03	7.97E-04	9.5E-04	8.09E-04	4.85E-04	1.11E-04
108	3.285E-03	8.31E-04	9.9E-04	8.43E-04	5.05E-04	1.16E-04
109	3.441E-03	8.71E-04	1.0E-03	8.82E-04	5.29E-04	1.21E-04
110	3.636E-03	9.20E-04	1.1E-03	9.32E-04	5.59E-04	1.28E-04
111	3.867E-03	9.79E-04	1.2E-03	9.92E-04	5.95E-04	1.36E-04
112	4.163E-03	1.05E-03	1.3E-03	1.07E-03	6.41E-04	1.47E-04
113	4.509E-03	1.14E-03	1.4E-03	1.15E-03	6.94E-04	1.59E-04
114	4.886E-03	1.24E-03	1.5E-03	1.25E-03	7.52E-04	1.72E-04
115	5.258E-03	1.33E-03	1.6E-03	1.34E-03	8.10E-04	1.85E-04
116	5.608E-03	1.42E-03	1.7E-03	1.44E-03	8.62E-04	1.98E-04
117	5.912E-03	1.49E-03	1.8E-03	1.52E-03	9.08E-04	2.09E-04
118	6.122E-03	1.55E-03	1.8E-03	1.58E-03	9.40E-04	2.17E-04
119	6.214E-03	1.57E-03	1.9E-03	1.60E-03	9.53E-04	2.21E-04
120	6.204E-03	1.57E-03	1.9E-03	1.60E-03	9.51E-04	2.20E-04



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
121	6.093E-03	1.54E-03	1.8E-03	1.57E-03	9.34E-04	2.17E-04
122	5.896E-03	1.49E-03	1.8E-03	1.52E-03	9.04E-04	2.10E-04
123	5.636E-03	1.42E-03	1.7E-03	1.46E-03	8.64E-04	2.00E-04
124	5.332E-03	1.35E-03	1.6E-03	1.38E-03	8.18E-04	1.90E-04
125	1.868E-03	4.73E-04	5.6E-04	4.78E-04	2.88E-04	6.58E-05
126	2.001E-03	5.05E-04	6.0E-04	5.17E-04	3.07E-04	7.11E-05
127	2.148E-03	5.43E-04	6.5E-04	5.52E-04	3.30E-04	7.59E-05
128	3.380E-03	8.55E-04	1.0E-03	8.68E-04	5.20E-04	1.19E-04
129	3.546E-03	8.97E-04	1.1E-03	9.10E-04	5.45E-04	1.25E-04
130	3.711E-03	9.39E-04	1.1E-03	9.52E-04	5.71E-04	1.31E-04
131	3.888E-03	9.84E-04	1.2E-03	9.97E-04	5.98E-04	1.37E-04
132	4.100E-03	1.04E-03	1.2E-03	1.05E-03	6.31E-04	1.45E-04
133	4.368E-03	1.10E-03	1.3E-03	1.12E-03	6.72E-04	1.54E-04
134	4.689E-03	1.19E-03	1.4E-03	1.20E-03	7.22E-04	1.65E-04
135	5.098E-03	1.29E-03	1.5E-03	1.30E-03	7.85E-04	1.80E-04
136	5.569E-03	1.41E-03	1.7E-03	1.42E-03	8.57E-04	1.96E-04
137	6.060E-03	1.54E-03	1.8E-03	1.55E-03	9.33E-04	2.13E-04
138	6.510E-03	1.65E-03	2.0E-03	1.67E-03	1.00E-03	2.29E-04
139	6.913E-03	1.75E-03	2.1E-03	1.78E-03	1.06E-03	2.44E-04
140	7.201E-03	1.82E-03	2.2E-03	1.85E-03	1.11E-03	2.55E-04
141	7.338E-03	1.85E-03	2.2E-03	1.89E-03	1.13E-03	2.60E-04
142	7.321E-03	1.85E-03	2.2E-03	1.89E-03	1.12E-03	2.60E-04
143	7.165E-03	1.81E-03	2.2E-03	1.85E-03	1.10E-03	2.54E-04
144	6.883E-03	1.74E-03	2.1E-03	1.78E-03	1.06E-03	2.45E-04
145	6.530E-03	1.65E-03	2.0E-03	1.69E-03	1.00E-03	2.32E-04
146	6.124E-03	1.54E-03	1.8E-03	1.58E-03	9.39E-04	2.18E-04
147	2.069E-03	5.24E-04	6.2E-04	5.30E-04	3.18E-04	7.29E-05
148	2.221E-03	5.61E-04	6.7E-04	5.72E-04	3.41E-04	7.88E-05
149	2.404E-03	6.08E-04	7.2E-04	6.18E-04	3.69E-04	8.50E-05
150	3.991E-03	1.01E-03	1.2E-03	1.02E-03	6.14E-04	1.41E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
151	4.217E-03	1.07E-03	1.3E-03	1.08E-03	6.49E-04	1.49E-04
152	4.442E-03	1.12E-03	1.3E-03	1.14E-03	6.83E-04	1.57E-04
153	4.686E-03	1.19E-03	1.4E-03	1.20E-03	7.21E-04	1.65E-04
154	4.983E-03	1.26E-03	1.5E-03	1.28E-03	7.67E-04	1.76E-04
155	5.343E-03	1.35E-03	1.6E-03	1.37E-03	8.22E-04	1.88E-04
156	5.819E-03	1.47E-03	1.8E-03	1.49E-03	8.96E-04	2.05E-04
157	6.398E-03	1.62E-03	1.9E-03	1.64E-03	9.85E-04	2.25E-04
158	7.039E-03	1.78E-03	2.1E-03	1.80E-03	1.08E-03	2.47E-04
159	7.659E-03	1.94E-03	2.3E-03	1.96E-03	1.18E-03	2.70E-04
160	8.199E-03	2.07E-03	2.5E-03	2.10E-03	1.26E-03	2.89E-04
161	8.599E-03	2.17E-03	2.6E-03	2.21E-03	1.32E-03	3.04E-04
162	8.793E-03	2.22E-03	2.6E-03	2.26E-03	1.35E-03	3.12E-04
163	8.765E-03	2.21E-03	2.6E-03	2.26E-03	1.35E-03	3.11E-04
164	8.540E-03	2.16E-03	2.6E-03	2.20E-03	1.31E-03	3.03E-04
165	8.158E-03	2.06E-03	2.5E-03	2.11E-03	1.25E-03	2.90E-04
166	7.668E-03	1.94E-03	2.3E-03	1.98E-03	1.18E-03	2.72E-04
167	7.117E-03	1.80E-03	2.1E-03	1.84E-03	1.09E-03	2.53E-04
168	6.542E-03	1.65E-03	2.0E-03	1.69E-03	1.00E-03	2.32E-04
169	2.302E-03	5.83E-04	6.9E-04	5.91E-04	3.54E-04	8.13E-05
170	2.480E-03	6.27E-04	7.5E-04	6.38E-04	3.81E-04	8.78E-05
171	2.711E-03	6.85E-04	8.2E-04	6.97E-04	4.17E-04	9.59E-05
172	2.886E-03	7.30E-04	8.7E-04	7.42E-04	4.44E-04	1.02E-04
173	4.791E-03	1.21E-03	1.4E-03	1.23E-03	7.37E-04	1.69E-04
174	5.110E-03	1.29E-03	1.5E-03	1.31E-03	7.86E-04	1.80E-04
175	5.428E-03	1.37E-03	1.6E-03	1.39E-03	8.35E-04	1.91E-04
176	5.772E-03	1.46E-03	1.7E-03	1.48E-03	8.88E-04	2.03E-04
177	6.200E-03	1.57E-03	1.9E-03	1.59E-03	9.54E-04	2.18E-04
178	6.721E-03	1.70E-03	2.0E-03	1.72E-03	1.04E-03	2.36E-04
179	7.426E-03	1.88E-03	2.2E-03	1.90E-03	1.14E-03	2.61E-04
180	8.258E-03	2.09E-03	2.5E-03	2.11E-03	1.27E-03	2.90E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
181	9.109E-03	2.31E-03	2.8E-03	2.32E-03	1.40E-03	3.19E-04
182	9.881E-03	2.50E-03	3.0E-03	2.53E-03	1.52E-03	3.49E-04
183	9.115E-03	2.30E-03	2.7E-03	2.35E-03	1.40E-03	3.24E-04
184	8.353E-03	2.11E-03	2.5E-03	2.15E-03	1.28E-03	2.97E-04
185	2.783E-03	7.04E-04	8.4E-04	7.14E-04	4.28E-04	9.82E-05
186	3.071E-03	7.76E-04	9.2E-04	7.89E-04	4.72E-04	1.09E-04
187	3.298E-03	8.34E-04	9.9E-04	8.47E-04	5.07E-04	1.17E-04
188	5.864E-03	1.48E-03	1.8E-03	1.50E-03	9.02E-04	2.07E-04
189	6.331E-03	1.60E-03	1.9E-03	1.62E-03	9.74E-04	2.23E-04
190	6.796E-03	1.72E-03	2.1E-03	1.74E-03	1.05E-03	2.39E-04
191	7.306E-03	1.85E-03	2.2E-03	1.87E-03	1.13E-03	2.57E-04
192	7.915E-03	2.01E-03	2.4E-03	2.02E-03	1.22E-03	2.78E-04
193	8.729E-03	2.21E-03	2.6E-03	2.22E-03	1.35E-03	3.06E-04
194	9.804E-03	2.49E-03	3.0E-03	2.50E-03	1.51E-03	3.44E-04
195	1.101E-02	2.79E-03	3.3E-03	2.80E-03	1.70E-03	3.86E-04
196	1.217E-02	3.08E-03	3.7E-03	3.11E-03	1.87E-03	4.28E-04
197	1.302E-02	3.30E-03	3.9E-03	3.33E-03	2.00E-03	4.59E-04
198	3.481E-03	8.80E-04	1.0E-03	8.95E-04	5.35E-04	1.23E-04
199	3.812E-03	9.64E-04	1.1E-03	9.79E-04	5.86E-04	1.35E-04
200	3.965E-03	1.00E-03	1.2E-03	1.02E-03	6.09E-04	1.40E-04
201	4.421E-03	1.12E-03	1.3E-03	1.14E-03	6.80E-04	1.56E-04
202	4.871E-03	1.23E-03	1.5E-03	1.25E-03	7.49E-04	1.72E-04
203	5.122E-03	1.29E-03	1.5E-03	1.32E-03	7.87E-04	1.81E-04
204	5.825E-03	1.47E-03	1.8E-03	1.50E-03	8.95E-04	2.06E-04
205	6.589E-03	1.67E-03	2.0E-03	1.69E-03	1.01E-03	2.33E-04
206	6.910E-03	1.75E-03	2.1E-03	1.77E-03	1.06E-03	2.44E-04
207	8.047E-03	2.04E-03	2.4E-03	2.06E-03	1.24E-03	2.84E-04
208	9.430E-03	2.39E-03	2.8E-03	2.42E-03	1.45E-03	3.32E-04
209	8.163E-03	2.06E-03	2.5E-03	2.10E-03	1.25E-03	2.89E-04
210	9.859E-03	2.49E-03	3.0E-03	2.53E-03	1.52E-03	3.48E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
211	1.191E-02	3.02E-03	3.6E-03	3.05E-03	1.83E-03	4.20E-04
212	1.194E-02	3.02E-03	3.6E-03	3.06E-03	1.84E-03	4.21E-04
213	1.520E-02	3.85E-03	4.6E-03	3.89E-03	2.34E-03	5.35E-04
214	1.943E-02	4.93E-03	5.9E-03	4.95E-03	3.00E-03	6.81E-04
215	1.434E-02	3.63E-03	4.3E-03	3.68E-03	2.21E-03	5.06E-04
216	1.900E-02	4.81E-03	5.7E-03	4.86E-03	2.93E-03	6.68E-04
217	2.563E-02	6.51E-03	7.8E-03	6.52E-03	3.96E-03	8.97E-04
218	3.355E-02	8.52E-03	1.0E-02	8.53E-03	5.18E-03	1.17E-03
219	5.230E-02	1.33E-02	1.6E-02	1.32E-02	8.10E-03	1.81E-03
220	4.217E-02	1.07E-02	1.3E-02	1.08E-02	6.49E-03	1.49E-03
221	6.735E-02	1.71E-02	2.0E-02	1.72E-02	1.04E-02	2.37E-03
222	4.744E-02	1.19E-02	1.4E-02	1.23E-02	7.26E-03	1.69E-03
223	7.328E-02	1.84E-02	2.2E-02	1.91E-02	1.12E-02	2.63E-03
224	1.225E-01	3.06E-02	3.6E-02	3.23E-02	1.86E-02	4.45E-03
225	6.539E-02	1.64E-02	2.0E-02	1.71E-02	9.98E-03	2.35E-03
226	9.190E-02	2.31E-02	2.8E-02	2.39E-02	1.40E-02	3.29E-03
227	2.811E-03	7.16E-04	8.5E-04	7.10E-04	4.35E-04	9.77E-05
228	2.506E-03	6.38E-04	7.6E-04	6.34E-04	3.88E-04	8.72E-05
229	2.250E-03	5.72E-04	6.8E-04	5.69E-04	3.48E-04	7.83E-05
230	2.033E-03	5.17E-04	6.2E-04	5.15E-04	3.14E-04	7.08E-05
231	2.581E-03	6.57E-04	7.8E-04	6.52E-04	3.99E-04	8.98E-05
232	2.314E-03	5.89E-04	7.0E-04	5.85E-04	3.58E-04	8.05E-05
233	2.088E-03	5.31E-04	6.3E-04	5.28E-04	3.23E-04	7.27E-05
234	1.894E-03	4.82E-04	5.7E-04	4.80E-04	2.93E-04	6.60E-05
235	2.380E-03	6.06E-04	7.2E-04	6.02E-04	3.68E-04	8.28E-05
236	2.147E-03	5.46E-04	6.5E-04	5.43E-04	3.32E-04	7.47E-05
237	1.947E-03	4.95E-04	5.9E-04	4.93E-04	3.01E-04	6.78E-05
238	1.774E-03	4.51E-04	5.4E-04	4.49E-04	2.74E-04	6.18E-05
239	1.934E-02	4.98E-03	5.9E-03	4.76E-03	3.03E-03	6.54E-04
240	1.660E-02	4.26E-03	5.1E-03	4.10E-03	2.59E-03	5.64E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
241	1.440E-02	3.69E-03	4.4E-03	3.57E-03	2.24E-03	4.91E-04
242	1.260E-02	3.23E-03	3.8E-03	3.13E-03	1.96E-03	4.31E-04
243	1.700E-02	4.37E-03	5.2E-03	4.19E-03	2.66E-03	5.77E-04
244	1.474E-02	3.78E-03	4.5E-03	3.65E-03	2.30E-03	5.02E-04
245	1.290E-02	3.31E-03	3.9E-03	3.20E-03	2.01E-03	4.41E-04
246	1.138E-02	2.91E-03	3.5E-03	2.83E-03	1.77E-03	3.90E-04
247	1.505E-02	3.86E-03	4.6E-03	3.72E-03	2.35E-03	5.12E-04
248	1.318E-02	3.38E-03	4.0E-03	3.27E-03	2.05E-03	4.50E-04
249	1.163E-02	2.98E-03	3.5E-03	2.89E-03	1.81E-03	3.98E-04
250	1.032E-02	2.64E-03	3.1E-03	2.57E-03	1.61E-03	3.54E-04
251	6.052E-03	1.54E-03	1.8E-03	1.52E-03	9.39E-04	2.09E-04
252	5.563E-03	1.42E-03	1.7E-03	1.40E-03	8.63E-04	1.92E-04
253	7.264E-03	1.86E-03	2.2E-03	1.82E-03	1.13E-03	2.50E-04
254	6.647E-03	1.70E-03	2.0E-03	1.67E-03	1.03E-03	2.29E-04
255	5.617E-03	1.43E-03	1.7E-03	1.41E-03	8.71E-04	1.94E-04
256	5.185E-03	1.32E-03	1.6E-03	1.30E-03	8.04E-04	1.79E-04
257	4.146E-03	1.06E-03	1.3E-03	1.04E-03	6.42E-04	1.44E-04
258	6.658E-03	1.70E-03	2.0E-03	1.67E-03	1.03E-03	2.29E-04
259	6.123E-03	1.56E-03	1.9E-03	1.54E-03	9.50E-04	2.11E-04
260	5.645E-03	1.44E-03	1.7E-03	1.42E-03	8.76E-04	1.95E-04
261	5.219E-03	1.33E-03	1.6E-03	1.31E-03	8.09E-04	1.80E-04
262	4.837E-03	1.23E-03	1.5E-03	1.22E-03	7.50E-04	1.67E-04
263	3.908E-03	9.96E-04	1.2E-03	9.85E-04	6.05E-04	1.36E-04
264	5.649E-03	1.44E-03	1.7E-03	1.42E-03	8.77E-04	1.95E-04
265	5.231E-03	1.34E-03	1.6E-03	1.31E-03	8.11E-04	1.81E-04
266	4.855E-03	1.24E-03	1.5E-03	1.22E-03	7.53E-04	1.68E-04
267	4.516E-03	1.15E-03	1.4E-03	1.14E-03	7.00E-04	1.56E-04
268	3.686E-03	9.39E-04	1.1E-03	9.29E-04	5.71E-04	1.28E-04
269	5.395E-03	1.37E-03	1.6E-03	1.38E-03	8.31E-04	1.90E-04
270	4.665E-03	1.18E-03	1.4E-03	1.19E-03	7.19E-04	1.64E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
271	4.070E-03	1.03E-03	1.2E-03	1.04E-03	6.27E-04	1.43E-04
272	3.581E-03	9.08E-04	1.1E-03	9.14E-04	5.52E-04	1.26E-04
273	3.175E-03	8.05E-04	9.6E-04	8.11E-04	4.89E-04	1.12E-04
274	2.835E-03	7.19E-04	8.6E-04	7.24E-04	4.37E-04	9.97E-05
275	2.547E-03	6.46E-04	7.7E-04	6.51E-04	3.92E-04	8.96E-05
276	4.941E-03	1.25E-03	1.5E-03	1.26E-03	7.62E-04	1.73E-04
277	4.278E-03	1.09E-03	1.3E-03	1.09E-03	6.60E-04	1.50E-04
278	3.740E-03	9.48E-04	1.1E-03	9.54E-04	5.77E-04	1.31E-04
279	3.298E-03	8.36E-04	1.0E-03	8.41E-04	5.08E-04	1.16E-04
280	2.932E-03	7.43E-04	8.9E-04	7.48E-04	4.52E-04	1.03E-04
281	2.625E-03	6.66E-04	7.9E-04	6.70E-04	4.05E-04	9.22E-05
282	2.366E-03	6.00E-04	7.1E-04	6.04E-04	3.65E-04	8.31E-05
283	4.473E-03	1.14E-03	1.4E-03	1.14E-03	6.90E-04	1.57E-04
284	3.888E-03	9.87E-04	1.2E-03	9.90E-04	6.00E-04	1.36E-04
285	3.412E-03	8.66E-04	1.0E-03	8.69E-04	5.26E-04	1.20E-04
286	3.021E-03	7.66E-04	9.1E-04	7.70E-04	4.66E-04	1.06E-04
287	2.696E-03	6.84E-04	8.1E-04	6.88E-04	4.16E-04	9.46E-05
288	2.423E-03	6.14E-04	7.3E-04	6.18E-04	3.73E-04	8.51E-05
289	2.192E-03	5.56E-04	6.6E-04	5.59E-04	3.38E-04	7.70E-05
290	4.021E-03	1.02E-03	1.2E-03	1.02E-03	6.21E-04	1.41E-04
291	3.514E-03	8.92E-04	1.1E-03	8.94E-04	5.42E-04	1.23E-04
292	3.101E-03	7.87E-04	9.4E-04	7.89E-04	4.78E-04	1.09E-04
293	2.759E-03	7.00E-04	8.3E-04	7.03E-04	4.25E-04	9.67E-05
294	2.473E-03	6.27E-04	7.5E-04	6.30E-04	3.81E-04	8.67E-05
295	2.232E-03	5.66E-04	6.7E-04	5.69E-04	3.44E-04	7.83E-05
296	2.027E-03	5.14E-04	6.1E-04	5.17E-04	3.12E-04	7.12E-05
297	3.604E-03	9.15E-04	1.1E-03	9.16E-04	5.56E-04	1.26E-04
298	3.171E-03	8.05E-04	9.6E-04	8.06E-04	4.89E-04	1.11E-04
299	2.814E-03	7.14E-04	8.5E-04	7.16E-04	4.34E-04	9.85E-05
300	2.517E-03	6.39E-04	7.6E-04	6.41E-04	3.88E-04	8.82E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
301	2.268E-03	5.75E-04	6.9E-04	5.78E-04	3.50E-04	7.95E-05
302	2.056E-03	5.22E-04	6.2E-04	5.24E-04	3.17E-04	7.21E-05
303	1.875E-03	4.75E-04	5.7E-04	4.78E-04	2.89E-04	6.58E-05
304	3.232E-03	8.21E-04	9.8E-04	8.20E-04	4.99E-04	1.13E-04
305	2.863E-03	7.27E-04	8.7E-04	7.27E-04	4.42E-04	1.00E-04
306	2.556E-03	6.49E-04	7.7E-04	6.50E-04	3.95E-04	8.94E-05
307	2.299E-03	5.84E-04	7.0E-04	5.85E-04	3.55E-04	8.05E-05
308	2.081E-03	5.28E-04	6.3E-04	5.30E-04	3.21E-04	7.29E-05
309	1.895E-03	4.81E-04	5.7E-04	4.83E-04	2.92E-04	6.64E-05
310	1.735E-03	4.40E-04	5.2E-04	4.42E-04	2.68E-04	6.08E-05
311	2.910E-03	7.40E-04	8.8E-04	7.38E-04	4.50E-04	1.02E-04
312	2.594E-03	6.59E-04	7.9E-04	6.58E-04	4.01E-04	9.06E-05
313	2.329E-03	5.92E-04	7.0E-04	5.91E-04	3.60E-04	8.14E-05
314	2.105E-03	5.35E-04	6.4E-04	5.35E-04	3.25E-04	7.36E-05
315	1.915E-03	4.86E-04	5.8E-04	4.87E-04	2.96E-04	6.70E-05
316	1.751E-03	4.45E-04	5.3E-04	4.45E-04	2.70E-04	6.13E-05
317	1.609E-03	4.08E-04	4.9E-04	4.09E-04	2.48E-04	5.63E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	<i>Chronic Non Cancer Risk</i>					Architectoral Coating
		Site Preparation	Grading	Building construction	Paving		
1	2.683E-04	6.80E-05	8.10E-05	6.87E-05	4.13E-05	9.45E-06	
2	2.853E-04	7.18E-05	8.56E-05	7.40E-05	4.37E-05	1.02E-05	
3	2.989E-04	7.56E-05	9.00E-05	7.68E-05	4.59E-05	1.06E-05	
4	3.798E-04	9.60E-05	1.14E-04	9.76E-05	5.84E-05	1.34E-05	
5	3.908E-04	9.88E-05	1.18E-04	1.00E-04	6.01E-05	1.38E-05	
6	4.015E-04	1.02E-04	1.21E-04	1.03E-04	6.17E-05	1.42E-05	
7	4.122E-04	1.04E-04	1.24E-04	1.06E-04	6.34E-05	1.46E-05	
8	4.236E-04	1.07E-04	1.28E-04	1.09E-04	6.51E-05	1.50E-05	
9	4.363E-04	1.10E-04	1.31E-04	1.12E-04	6.71E-05	1.54E-05	
10	4.512E-04	1.14E-04	1.36E-04	1.16E-04	6.94E-05	1.59E-05	
11	4.693E-04	1.19E-04	1.41E-04	1.20E-04	7.22E-05	1.66E-05	
12	4.915E-04	1.24E-04	1.48E-04	1.26E-04	7.56E-05	1.74E-05	
13	5.177E-04	1.31E-04	1.56E-04	1.33E-04	7.96E-05	1.83E-05	
14	5.471E-04	1.38E-04	1.65E-04	1.40E-04	8.41E-05	1.93E-05	
15	5.804E-04	1.47E-04	1.75E-04	1.49E-04	8.92E-05	2.05E-05	
16	6.156E-04	1.56E-04	1.86E-04	1.58E-04	9.48E-05	2.17E-05	
17	6.507E-04	1.65E-04	1.96E-04	1.67E-04	1.00E-04	2.30E-05	
18	6.886E-04	1.74E-04	2.08E-04	1.77E-04	1.06E-04	2.43E-05	
19	7.237E-04	1.83E-04	2.18E-04	1.86E-04	1.11E-04	2.55E-05	
20	7.541E-04	1.91E-04	2.27E-04	1.94E-04	1.16E-04	2.66E-05	
21	7.782E-04	1.97E-04	2.34E-04	2.00E-04	1.20E-04	2.75E-05	
22	7.947E-04	2.01E-04	2.39E-04	2.04E-04	1.22E-04	2.81E-05	
23	8.032E-04	2.03E-04	2.42E-04	2.06E-04	1.23E-04	2.84E-05	
24	8.036E-04	2.03E-04	2.42E-04	2.06E-04	1.23E-04	2.84E-05	
25	7.963E-04	2.01E-04	2.40E-04	2.05E-04	1.22E-04	2.82E-05	
26	2.907E-04	7.37E-05	8.78E-05	7.42E-05	4.48E-05	1.02E-05	
27	3.092E-04	7.79E-05	9.28E-05	8.02E-05	4.73E-05	1.10E-05	
28	3.248E-04	8.21E-05	9.78E-05	8.35E-05	4.99E-05	1.15E-05	
29	4.234E-04	1.07E-04	1.28E-04	1.09E-04	6.51E-05	1.50E-05	
30	4.371E-04	1.11E-04	1.32E-04	1.12E-04	6.72E-05	1.54E-05	

Max	Receptor #
0.0272	224



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
31	4.504E-04	1.14E-04	1.36E-04	1.16E-04	6.92E-05	1.59E-05
32	4.637E-04	1.17E-04	1.40E-04	1.19E-04	7.13E-05	1.64E-05
33	4.777E-04	1.21E-04	1.44E-04	1.23E-04	7.34E-05	1.69E-05
34	4.935E-04	1.25E-04	1.49E-04	1.27E-04	7.59E-05	1.74E-05
35	5.124E-04	1.30E-04	1.54E-04	1.31E-04	7.88E-05	1.81E-05
36	5.355E-04	1.35E-04	1.61E-04	1.37E-04	8.23E-05	1.89E-05
37	5.640E-04	1.43E-04	1.70E-04	1.45E-04	8.67E-05	1.99E-05
38	5.965E-04	1.51E-04	1.80E-04	1.53E-04	9.17E-05	2.11E-05
39	6.348E-04	1.61E-04	1.91E-04	1.63E-04	9.76E-05	2.24E-05
40	6.764E-04	1.71E-04	2.04E-04	1.74E-04	1.04E-04	2.39E-05
41	7.191E-04	1.82E-04	2.17E-04	1.84E-04	1.11E-04	2.53E-05
42	7.637E-04	1.93E-04	2.30E-04	1.96E-04	1.17E-04	2.70E-05
43	8.065E-04	2.04E-04	2.43E-04	2.07E-04	1.24E-04	2.85E-05
44	8.445E-04	2.14E-04	2.55E-04	2.17E-04	1.30E-04	2.98E-05
45	8.747E-04	2.21E-04	2.64E-04	2.25E-04	1.34E-04	3.09E-05
46	8.954E-04	2.26E-04	2.70E-04	2.30E-04	1.38E-04	3.16E-05
47	9.057E-04	2.29E-04	2.73E-04	2.33E-04	1.39E-04	3.20E-05
48	9.058E-04	2.29E-04	2.73E-04	2.33E-04	1.39E-04	3.20E-05
49	8.961E-04	2.27E-04	2.70E-04	2.30E-04	1.38E-04	3.17E-05
50	8.777E-04	2.22E-04	2.64E-04	2.26E-04	1.35E-04	3.10E-05
51	3.155E-04	8.00E-05	9.53E-05	8.06E-05	4.86E-05	1.11E-05
52	3.361E-04	8.47E-05	1.01E-04	8.71E-05	5.15E-05	1.20E-05
53	3.546E-04	8.96E-05	1.07E-04	9.11E-05	5.45E-05	1.25E-05
54	4.756E-04	1.20E-04	1.43E-04	1.22E-04	7.31E-05	1.68E-05
55	4.929E-04	1.25E-04	1.48E-04	1.27E-04	7.58E-05	1.74E-05
56	5.095E-04	1.29E-04	1.54E-04	1.31E-04	7.83E-05	1.80E-05
57	5.262E-04	1.33E-04	1.59E-04	1.35E-04	8.09E-05	1.86E-05
58	5.438E-04	1.38E-04	1.64E-04	1.40E-04	8.36E-05	1.92E-05
59	5.640E-04	1.43E-04	1.70E-04	1.45E-04	8.67E-05	1.99E-05
60	5.883E-04	1.49E-04	1.77E-04	1.51E-04	9.05E-05	2.08E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
61	6.186E-04	1.57E-04	1.86E-04	1.59E-04	9.51E-05	2.18E-05
62	6.556E-04	1.66E-04	1.97E-04	1.68E-04	1.01E-04	2.32E-05
63	6.976E-04	1.77E-04	2.10E-04	1.79E-04	1.07E-04	2.46E-05
64	7.469E-04	1.89E-04	2.25E-04	1.92E-04	1.15E-04	2.64E-05
65	7.994E-04	2.02E-04	2.41E-04	2.05E-04	1.23E-04	2.82E-05
66	8.520E-04	2.16E-04	2.57E-04	2.18E-04	1.31E-04	3.00E-05
67	9.053E-04	2.29E-04	2.73E-04	2.33E-04	1.39E-04	3.20E-05
68	9.540E-04	2.41E-04	2.87E-04	2.46E-04	1.47E-04	3.38E-05
69	9.913E-04	2.51E-04	2.99E-04	2.54E-04	1.52E-04	3.50E-05
70	1.018E-03	2.57E-04	3.07E-04	2.61E-04	1.56E-04	3.60E-05
71	1.031E-03	2.61E-04	3.10E-04	2.65E-04	1.58E-04	3.64E-05
72	1.030E-03	2.60E-04	3.10E-04	2.65E-04	1.58E-04	3.64E-05
73	1.017E-03	2.57E-04	3.06E-04	2.61E-04	1.56E-04	3.60E-05
74	9.930E-04	2.51E-04	2.99E-04	2.55E-04	1.53E-04	3.51E-05
75	9.599E-04	2.43E-04	2.89E-04	2.47E-04	1.47E-04	3.40E-05
76	3.440E-04	8.72E-05	1.04E-04	8.79E-05	5.30E-05	1.21E-05
77	3.671E-04	9.25E-05	1.10E-04	9.50E-05	5.62E-05	1.31E-05
78	3.893E-04	9.84E-05	1.17E-04	1.00E-04	5.98E-05	1.38E-05
79	5.389E-04	1.36E-04	1.62E-04	1.38E-04	8.28E-05	1.90E-05
80	5.610E-04	1.42E-04	1.69E-04	1.44E-04	8.62E-05	1.98E-05
81	5.822E-04	1.47E-04	1.75E-04	1.49E-04	8.95E-05	2.06E-05
82	6.034E-04	1.53E-04	1.82E-04	1.55E-04	9.28E-05	2.13E-05
83	6.260E-04	1.58E-04	1.89E-04	1.61E-04	9.63E-05	2.21E-05
84	6.522E-04	1.65E-04	1.97E-04	1.67E-04	1.00E-04	2.30E-05
85	6.843E-04	1.73E-04	2.06E-04	1.75E-04	1.05E-04	2.41E-05
86	7.243E-04	1.83E-04	2.18E-04	1.86E-04	1.11E-04	2.56E-05
87	7.713E-04	1.95E-04	2.32E-04	1.98E-04	1.19E-04	2.72E-05
88	8.288E-04	2.10E-04	2.50E-04	2.12E-04	1.27E-04	2.92E-05
89	8.926E-04	2.26E-04	2.69E-04	2.29E-04	1.37E-04	3.15E-05
90	9.598E-04	2.43E-04	2.90E-04	2.45E-04	1.48E-04	3.38E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
91	1.023E-03	2.59E-04	3.08E-04	2.63E-04	1.57E-04	3.61E-05
92	1.085E-03	2.74E-04	3.27E-04	2.79E-04	1.67E-04	3.84E-05
93	1.135E-03	2.87E-04	3.42E-04	2.92E-04	1.74E-04	4.02E-05
94	1.170E-03	2.95E-04	3.52E-04	3.02E-04	1.80E-04	4.15E-05
95	1.187E-03	3.00E-04	3.57E-04	3.06E-04	1.82E-04	4.22E-05
96	1.186E-03	2.99E-04	3.56E-04	3.06E-04	1.82E-04	4.21E-05
97	1.168E-03	2.95E-04	3.51E-04	3.02E-04	1.79E-04	4.15E-05
98	1.134E-03	2.87E-04	3.41E-04	2.91E-04	1.74E-04	4.01E-05
99	1.090E-03	2.76E-04	3.28E-04	2.80E-04	1.68E-04	3.86E-05
100	1.039E-03	2.63E-04	3.13E-04	2.67E-04	1.60E-04	3.67E-05
101	3.769E-04	9.55E-05	1.14E-04	9.63E-05	5.80E-05	1.33E-05
102	4.027E-04	1.02E-04	1.21E-04	1.04E-04	6.17E-05	1.43E-05
103	4.299E-04	1.09E-04	1.29E-04	1.10E-04	6.61E-05	1.52E-05
104	6.164E-04	1.56E-04	1.86E-04	1.58E-04	9.48E-05	2.18E-05
105	6.452E-04	1.63E-04	1.94E-04	1.66E-04	9.92E-05	2.28E-05
106	6.728E-04	1.70E-04	2.03E-04	1.73E-04	1.03E-04	2.38E-05
107	7.004E-04	1.77E-04	2.11E-04	1.80E-04	1.08E-04	2.47E-05
108	7.300E-04	1.85E-04	2.20E-04	1.87E-04	1.12E-04	2.58E-05
109	7.646E-04	1.93E-04	2.30E-04	1.96E-04	1.18E-04	2.70E-05
110	8.080E-04	2.05E-04	2.44E-04	2.07E-04	1.24E-04	2.85E-05
111	8.593E-04	2.17E-04	2.59E-04	2.20E-04	1.32E-04	3.03E-05
112	9.252E-04	2.34E-04	2.79E-04	2.37E-04	1.42E-04	3.26E-05
113	1.002E-03	2.54E-04	3.02E-04	2.57E-04	1.54E-04	3.53E-05
114	1.086E-03	2.75E-04	3.28E-04	2.78E-04	1.67E-04	3.82E-05
115	1.168E-03	2.96E-04	3.53E-04	2.98E-04	1.80E-04	4.11E-05
116	1.246E-03	3.15E-04	3.75E-04	3.20E-04	1.92E-04	4.40E-05
117	1.314E-03	3.32E-04	3.96E-04	3.38E-04	2.02E-04	4.65E-05
118	1.361E-03	3.44E-04	4.09E-04	3.50E-04	2.09E-04	4.82E-05
119	1.381E-03	3.49E-04	4.15E-04	3.56E-04	2.12E-04	4.90E-05
120	1.379E-03	3.48E-04	4.14E-04	3.56E-04	2.11E-04	4.90E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
121	1.354E-03	3.42E-04	4.07E-04	3.50E-04	2.08E-04	4.81E-05
122	1.310E-03	3.31E-04	3.94E-04	3.39E-04	2.01E-04	4.66E-05
123	1.253E-03	3.16E-04	3.76E-04	3.24E-04	1.92E-04	4.45E-05
124	1.185E-03	2.99E-04	3.56E-04	3.06E-04	1.82E-04	4.21E-05
125	4.152E-04	1.05E-04	1.25E-04	1.06E-04	6.39E-05	1.46E-05
126	4.447E-04	1.12E-04	1.34E-04	1.15E-04	6.82E-05	1.58E-05
127	4.772E-04	1.21E-04	1.44E-04	1.23E-04	7.33E-05	1.69E-05
128	7.512E-04	1.90E-04	2.26E-04	1.93E-04	1.15E-04	2.65E-05
129	7.879E-04	1.99E-04	2.37E-04	2.02E-04	1.21E-04	2.78E-05
130	8.246E-04	2.09E-04	2.49E-04	2.12E-04	1.27E-04	2.91E-05
131	8.641E-04	2.19E-04	2.60E-04	2.22E-04	1.33E-04	3.05E-05
132	9.111E-04	2.31E-04	2.75E-04	2.33E-04	1.40E-04	3.21E-05
133	9.706E-04	2.46E-04	2.93E-04	2.49E-04	1.49E-04	3.43E-05
134	1.042E-03	2.64E-04	3.14E-04	2.67E-04	1.60E-04	3.67E-05
135	1.133E-03	2.87E-04	3.42E-04	2.90E-04	1.74E-04	3.99E-05
136	1.238E-03	3.13E-04	3.73E-04	3.17E-04	1.91E-04	4.36E-05
137	1.347E-03	3.41E-04	4.07E-04	3.44E-04	2.07E-04	4.73E-05
138	1.447E-03	3.66E-04	4.36E-04	3.70E-04	2.23E-04	5.10E-05
139	1.536E-03	3.88E-04	4.63E-04	3.95E-04	2.36E-04	5.43E-05
140	1.600E-03	4.04E-04	4.82E-04	4.12E-04	2.46E-04	5.66E-05
141	1.631E-03	4.12E-04	4.91E-04	4.20E-04	2.50E-04	5.78E-05
142	1.627E-03	4.11E-04	4.89E-04	4.19E-04	2.50E-04	5.77E-05
143	1.592E-03	4.02E-04	4.79E-04	4.11E-04	2.44E-04	5.65E-05
144	1.530E-03	3.86E-04	4.60E-04	3.95E-04	2.34E-04	5.44E-05
145	1.451E-03	3.66E-04	4.36E-04	3.75E-04	2.22E-04	5.16E-05
146	1.361E-03	3.43E-04	4.09E-04	3.52E-04	2.09E-04	4.84E-05
147	4.598E-04	1.16E-04	1.39E-04	1.18E-04	7.07E-05	1.62E-05
148	4.936E-04	1.25E-04	1.48E-04	1.27E-04	7.58E-05	1.75E-05
149	5.342E-04	1.35E-04	1.61E-04	1.37E-04	8.21E-05	1.89E-05
150	8.870E-04	2.24E-04	2.67E-04	2.28E-04	1.36E-04	3.13E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
151	9.372E-04	2.37E-04	2.82E-04	2.40E-04	1.44E-04	3.31E-05
152	9.872E-04	2.50E-04	2.98E-04	2.53E-04	1.52E-04	3.48E-05
153	1.041E-03	2.64E-04	3.14E-04	2.67E-04	1.60E-04	3.67E-05
154	1.107E-03	2.80E-04	3.34E-04	2.83E-04	1.70E-04	3.90E-05
155	1.187E-03	3.01E-04	3.58E-04	3.04E-04	1.83E-04	4.18E-05
156	1.293E-03	3.28E-04	3.90E-04	3.31E-04	1.99E-04	4.55E-05
157	1.422E-03	3.60E-04	4.29E-04	3.63E-04	2.19E-04	5.00E-05
158	1.564E-03	3.97E-04	4.72E-04	3.99E-04	2.41E-04	5.50E-05
159	1.702E-03	4.31E-04	5.13E-04	4.36E-04	2.62E-04	6.00E-05
160	1.822E-03	4.61E-04	5.49E-04	4.67E-04	2.80E-04	6.43E-05
161	1.911E-03	4.83E-04	5.75E-04	4.91E-04	2.94E-04	6.76E-05
162	1.954E-03	4.94E-04	5.88E-04	5.03E-04	3.00E-04	6.92E-05
163	1.948E-03	4.92E-04	5.86E-04	5.02E-04	2.99E-04	6.91E-05
164	1.898E-03	4.79E-04	5.71E-04	4.90E-04	2.91E-04	6.74E-05
165	1.813E-03	4.58E-04	5.45E-04	4.68E-04	2.78E-04	6.44E-05
166	1.704E-03	4.30E-04	5.12E-04	4.40E-04	2.61E-04	6.05E-05
167	1.582E-03	3.99E-04	4.76E-04	4.08E-04	2.43E-04	5.61E-05
168	1.454E-03	3.67E-04	4.37E-04	3.75E-04	2.23E-04	5.16E-05
169	5.117E-04	1.29E-04	1.54E-04	1.31E-04	7.87E-05	1.81E-05
170	5.511E-04	1.39E-04	1.66E-04	1.42E-04	8.47E-05	1.95E-05
171	6.025E-04	1.52E-04	1.81E-04	1.55E-04	9.26E-05	2.13E-05
172	6.415E-04	1.62E-04	1.93E-04	1.65E-04	9.86E-05	2.27E-05
173	1.065E-03	2.69E-04	3.21E-04	2.73E-04	1.64E-04	3.76E-05
174	1.136E-03	2.87E-04	3.42E-04	2.91E-04	1.75E-04	4.01E-05
175	1.206E-03	3.05E-04	3.64E-04	3.09E-04	1.86E-04	4.25E-05
176	1.283E-03	3.25E-04	3.87E-04	3.28E-04	1.97E-04	4.52E-05
177	1.378E-03	3.49E-04	4.16E-04	3.53E-04	2.12E-04	4.85E-05
178	1.494E-03	3.78E-04	4.51E-04	3.82E-04	2.30E-04	5.25E-05
179	1.650E-03	4.18E-04	4.98E-04	4.21E-04	2.54E-04	5.80E-05
180	1.835E-03	4.65E-04	5.54E-04	4.68E-04	2.83E-04	6.44E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
181	2.024E-03	5.14E-04	6.12E-04	5.16E-04	3.12E-04	7.10E-05
182	2.196E-03	5.56E-04	6.62E-04	5.63E-04	3.38E-04	7.75E-05
183	2.026E-03	5.11E-04	6.09E-04	5.23E-04	3.11E-04	7.19E-05
184	1.856E-03	4.69E-04	5.58E-04	4.79E-04	2.85E-04	6.59E-05
185	6.185E-04	1.56E-04	1.86E-04	1.59E-04	9.51E-05	2.18E-05
186	6.824E-04	1.73E-04	2.05E-04	1.75E-04	1.05E-04	2.41E-05
187	7.329E-04	1.85E-04	2.21E-04	1.88E-04	1.13E-04	2.59E-05
188	1.303E-03	3.30E-04	3.93E-04	3.34E-04	2.00E-04	4.60E-05
189	1.407E-03	3.56E-04	4.24E-04	3.60E-04	2.16E-04	4.96E-05
190	1.510E-03	3.82E-04	4.56E-04	3.87E-04	2.32E-04	5.32E-05
191	1.623E-03	4.11E-04	4.90E-04	4.15E-04	2.50E-04	5.71E-05
192	1.759E-03	4.46E-04	5.31E-04	4.50E-04	2.71E-04	6.19E-05
193	1.940E-03	4.92E-04	5.86E-04	4.94E-04	2.99E-04	6.80E-05
194	2.179E-03	5.53E-04	6.59E-04	5.55E-04	3.36E-04	7.64E-05
195	2.447E-03	6.21E-04	7.40E-04	6.23E-04	3.77E-04	8.57E-05
196	2.705E-03	6.85E-04	8.16E-04	6.91E-04	4.17E-04	9.51E-05
197	2.894E-03	7.33E-04	8.73E-04	7.41E-04	4.45E-04	1.02E-04
198	7.736E-04	1.96E-04	2.33E-04	1.99E-04	1.19E-04	2.74E-05
199	8.472E-04	2.14E-04	2.55E-04	2.18E-04	1.30E-04	3.00E-05
200	8.811E-04	2.23E-04	2.65E-04	2.27E-04	1.35E-04	3.12E-05
201	9.826E-04	2.48E-04	2.96E-04	2.52E-04	1.51E-04	3.47E-05
202	1.082E-03	2.74E-04	3.26E-04	2.78E-04	1.66E-04	3.82E-05
203	1.138E-03	2.88E-04	3.43E-04	2.92E-04	1.75E-04	4.02E-05
204	1.295E-03	3.27E-04	3.90E-04	3.32E-04	1.99E-04	4.57E-05
205	1.464E-03	3.70E-04	4.41E-04	3.76E-04	2.25E-04	5.17E-05
206	1.536E-03	3.88E-04	4.63E-04	3.94E-04	2.36E-04	5.43E-05
207	1.788E-03	4.52E-04	5.39E-04	4.59E-04	2.75E-04	6.31E-05
208	2.096E-03	5.31E-04	6.32E-04	5.37E-04	3.22E-04	7.39E-05
209	1.814E-03	4.59E-04	5.46E-04	4.66E-04	2.79E-04	6.41E-05
210	2.191E-03	5.54E-04	6.60E-04	5.62E-04	3.37E-04	7.73E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
211	2.646E-03	6.70E-04	7.98E-04	6.77E-04	4.07E-04	9.32E-05
212	2.653E-03	6.71E-04	8.00E-04	6.80E-04	4.08E-04	9.36E-05
213	3.379E-03	8.56E-04	1.02E-03	8.65E-04	5.20E-04	1.19E-04
214	4.318E-03	1.10E-03	1.30E-03	1.10E-03	6.66E-04	1.51E-04
215	3.187E-03	8.07E-04	9.61E-04	8.17E-04	4.90E-04	1.12E-04
216	4.221E-03	1.07E-03	1.27E-03	1.08E-03	6.50E-04	1.49E-04
217	5.697E-03	1.45E-03	1.72E-03	1.45E-03	8.79E-04	1.99E-04
218	7.455E-03	1.89E-03	2.25E-03	1.90E-03	1.15E-03	2.61E-04
219	1.162E-02	2.96E-03	3.53E-03	2.93E-03	1.80E-03	4.03E-04
220	9.372E-03	2.37E-03	2.83E-03	2.40E-03	1.44E-03	3.31E-04
221	1.497E-02	3.79E-03	4.51E-03	3.83E-03	2.30E-03	5.27E-04
222	1.054E-02	2.65E-03	3.16E-03	2.74E-03	1.61E-03	3.77E-04
223	1.629E-02	4.09E-03	4.87E-03	4.25E-03	2.49E-03	5.85E-04
224	2.722E-02	6.81E-03	8.11E-03	7.18E-03	4.14E-03	9.88E-04
225	1.453E-02	3.65E-03	4.35E-03	3.80E-03	2.22E-03	5.22E-04
226	2.042E-02	5.14E-03	6.12E-03	5.32E-03	3.12E-03	7.32E-04
227	6.248E-04	1.59E-04	1.89E-04	1.58E-04	9.67E-05	2.17E-05
228	5.569E-04	1.42E-04	1.69E-04	1.41E-04	8.62E-05	1.94E-05
229	5.000E-04	1.27E-04	1.52E-04	1.27E-04	7.73E-05	1.74E-05
230	4.518E-04	1.15E-04	1.37E-04	1.14E-04	6.99E-05	1.57E-05
231	5.736E-04	1.46E-04	1.74E-04	1.45E-04	8.88E-05	1.99E-05
232	5.142E-04	1.31E-04	1.56E-04	1.30E-04	7.95E-05	1.79E-05
233	4.639E-04	1.18E-04	1.41E-04	1.17E-04	7.17E-05	1.62E-05
234	4.210E-04	1.07E-04	1.28E-04	1.07E-04	6.51E-05	1.47E-05
235	5.290E-04	1.35E-04	1.60E-04	1.34E-04	8.18E-05	1.84E-05
236	4.771E-04	1.21E-04	1.45E-04	1.21E-04	7.38E-05	1.66E-05
237	4.326E-04	1.10E-04	1.31E-04	1.09E-04	6.69E-05	1.51E-05
238	3.942E-04	1.00E-04	1.19E-04	9.98E-05	6.10E-05	1.37E-05
239	4.298E-03	1.11E-03	1.32E-03	1.06E-03	6.72E-04	1.45E-04
240	3.689E-03	9.48E-04	1.13E-03	9.11E-04	5.76E-04	1.25E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
241	3.199E-03	8.21E-04	9.78E-04	7.93E-04	4.99E-04	1.09E-04
242	2.800E-03	7.18E-04	8.55E-04	6.96E-04	4.36E-04	9.57E-05
243	3.777E-03	9.71E-04	1.16E-03	9.31E-04	5.90E-04	1.28E-04
244	3.276E-03	8.41E-04	1.00E-03	8.11E-04	5.11E-04	1.12E-04
245	2.867E-03	7.35E-04	8.75E-04	7.11E-04	4.47E-04	9.79E-05
246	2.528E-03	6.48E-04	7.71E-04	6.29E-04	3.94E-04	8.66E-05
247	3.344E-03	8.59E-04	1.02E-03	8.27E-04	5.22E-04	1.14E-04
248	2.928E-03	7.51E-04	8.95E-04	7.26E-04	4.57E-04	9.99E-05
249	2.583E-03	6.62E-04	7.88E-04	6.42E-04	4.02E-04	8.84E-05
250	2.294E-03	5.87E-04	7.00E-04	5.72E-04	3.57E-04	7.87E-05
251	1.345E-03	3.43E-04	4.09E-04	3.38E-04	2.09E-04	4.64E-05
252	1.236E-03	3.15E-04	3.76E-04	3.11E-04	1.92E-04	4.27E-05
253	1.614E-03	4.13E-04	4.91E-04	4.04E-04	2.51E-04	5.56E-05
254	1.477E-03	3.77E-04	4.49E-04	3.70E-04	2.29E-04	5.09E-05
255	1.248E-03	3.19E-04	3.79E-04	3.13E-04	1.94E-04	4.31E-05
256	1.152E-03	2.94E-04	3.50E-04	2.90E-04	1.79E-04	3.99E-05
257	9.213E-04	2.35E-04	2.80E-04	2.32E-04	1.43E-04	3.19E-05
258	1.480E-03	3.78E-04	4.50E-04	3.71E-04	2.30E-04	5.10E-05
259	1.361E-03	3.47E-04	4.14E-04	3.41E-04	2.11E-04	4.70E-05
260	1.255E-03	3.20E-04	3.81E-04	3.15E-04	1.95E-04	4.33E-05
261	1.160E-03	2.96E-04	3.53E-04	2.91E-04	1.80E-04	4.01E-05
262	1.075E-03	2.74E-04	3.27E-04	2.70E-04	1.67E-04	3.72E-05
263	8.685E-04	2.21E-04	2.64E-04	2.19E-04	1.35E-04	3.01E-05
264	1.255E-03	3.21E-04	3.82E-04	3.15E-04	1.95E-04	4.33E-05
265	1.163E-03	2.97E-04	3.53E-04	2.92E-04	1.80E-04	4.02E-05
266	1.079E-03	2.75E-04	3.28E-04	2.71E-04	1.67E-04	3.73E-05
267	1.004E-03	2.56E-04	3.05E-04	2.52E-04	1.56E-04	3.47E-05
268	8.192E-04	2.09E-04	2.49E-04	2.07E-04	1.27E-04	2.84E-05
269	1.199E-03	3.04E-04	3.62E-04	3.06E-04	1.85E-04	4.21E-05
270	1.037E-03	2.63E-04	3.13E-04	2.65E-04	1.60E-04	3.64E-05



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
271	9.046E-04	2.29E-04	2.73E-04	2.31E-04	1.39E-04	3.18E-05
272	7.958E-04	2.02E-04	2.40E-04	2.03E-04	1.23E-04	2.80E-05
273	7.056E-04	1.79E-04	2.13E-04	1.80E-04	1.09E-04	2.48E-05
274	6.300E-04	1.60E-04	1.90E-04	1.61E-04	9.71E-05	2.21E-05
275	5.661E-04	1.43E-04	1.71E-04	1.45E-04	8.72E-05	1.99E-05
276	1.098E-03	2.79E-04	3.32E-04	2.80E-04	1.69E-04	3.85E-05
277	9.507E-04	2.41E-04	2.87E-04	2.42E-04	1.47E-04	3.34E-05
278	8.311E-04	2.11E-04	2.51E-04	2.12E-04	1.28E-04	2.92E-05
279	7.329E-04	1.86E-04	2.21E-04	1.87E-04	1.13E-04	2.57E-05
280	6.515E-04	1.65E-04	1.97E-04	1.66E-04	1.00E-04	2.29E-05
281	5.834E-04	1.48E-04	1.76E-04	1.49E-04	8.99E-05	2.05E-05
282	5.258E-04	1.33E-04	1.59E-04	1.34E-04	8.10E-05	1.85E-05
283	9.941E-04	2.52E-04	3.01E-04	2.53E-04	1.53E-04	3.48E-05
284	8.640E-04	2.19E-04	2.61E-04	2.20E-04	1.33E-04	3.03E-05
285	7.583E-04	1.92E-04	2.29E-04	1.93E-04	1.17E-04	2.66E-05
286	6.714E-04	1.70E-04	2.03E-04	1.71E-04	1.04E-04	2.36E-05
287	5.991E-04	1.52E-04	1.81E-04	1.53E-04	9.23E-05	2.10E-05
288	5.385E-04	1.37E-04	1.63E-04	1.37E-04	8.30E-05	1.89E-05
289	4.870E-04	1.23E-04	1.47E-04	1.24E-04	7.51E-05	1.71E-05
290	8.935E-04	2.27E-04	2.70E-04	2.27E-04	1.38E-04	3.13E-05
291	7.810E-04	1.98E-04	2.36E-04	1.99E-04	1.20E-04	2.73E-05
292	6.891E-04	1.75E-04	2.08E-04	1.75E-04	1.06E-04	2.41E-05
293	6.131E-04	1.56E-04	1.85E-04	1.56E-04	9.45E-05	2.15E-05
294	5.496E-04	1.39E-04	1.66E-04	1.40E-04	8.47E-05	1.93E-05
295	4.961E-04	1.26E-04	1.50E-04	1.26E-04	7.65E-05	1.74E-05
296	4.505E-04	1.14E-04	1.36E-04	1.15E-04	6.94E-05	1.58E-05
297	8.009E-04	2.03E-04	2.42E-04	2.03E-04	1.24E-04	2.80E-05
298	7.046E-04	1.79E-04	2.13E-04	1.79E-04	1.09E-04	2.47E-05
299	6.253E-04	1.59E-04	1.89E-04	1.59E-04	9.65E-05	2.19E-05
300	5.594E-04	1.42E-04	1.69E-04	1.42E-04	8.63E-05	1.96E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
301	5.039E-04	1.28E-04	1.52E-04	1.28E-04	7.77E-05	1.77E-05
302	4.569E-04	1.16E-04	1.38E-04	1.16E-04	7.04E-05	1.60E-05
303	4.166E-04	1.06E-04	1.26E-04	1.06E-04	6.42E-05	1.46E-05
304	7.182E-04	1.83E-04	2.17E-04	1.82E-04	1.11E-04	2.51E-05
305	6.362E-04	1.62E-04	1.92E-04	1.62E-04	9.82E-05	2.22E-05
306	5.680E-04	1.44E-04	1.72E-04	1.44E-04	8.77E-05	1.99E-05
307	5.109E-04	1.30E-04	1.54E-04	1.30E-04	7.88E-05	1.79E-05
308	4.625E-04	1.17E-04	1.40E-04	1.18E-04	7.14E-05	1.62E-05
309	4.211E-04	1.07E-04	1.27E-04	1.07E-04	6.50E-05	1.48E-05
310	3.855E-04	9.78E-05	1.17E-04	9.82E-05	5.95E-05	1.35E-05
311	6.467E-04	1.64E-04	1.96E-04	1.64E-04	9.99E-05	2.26E-05
312	5.763E-04	1.46E-04	1.74E-04	1.46E-04	8.90E-05	2.01E-05
313	5.176E-04	1.32E-04	1.57E-04	1.31E-04	7.99E-05	1.81E-05
314	4.679E-04	1.19E-04	1.42E-04	1.19E-04	7.22E-05	1.64E-05
315	4.255E-04	1.08E-04	1.29E-04	1.08E-04	6.57E-05	1.49E-05
316	3.891E-04	9.88E-05	1.18E-04	9.90E-05	6.00E-05	1.36E-05
317	3.575E-04	9.08E-05	1.08E-04	9.10E-05	5.52E-05	1.25E-05

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Parcel 1-D: Unmitigated - Parcel 1 - Site Preparation Risk



**RINCON CONSULTANTS, INC.**  
Environmental Scientists | Planners | Engineers  
[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL		
				Constant	Dose	Constant	Risk	Constant 2				
1	0.05315	6.39E-03	3.4E-04	1.05E-03	3.55E-07	8.61E-04	3.06E-10	1.0E+06	3.1E-04	Max 0.031	Receptor # 224	5
2	0.05619	6.39E-03	3.6E-04	1.05E-03	3.75E-07	8.61E-04	3.23E-10	1.0E+06	3.2E-04			5
3	0.05911	6.39E-03	3.8E-04	1.05E-03	3.95E-07	8.61E-04	3.40E-10	1.0E+06	3.4E-04	5		
4	0.07511	6.39E-03	4.8E-04	1.05E-03	5.02E-07	8.61E-04	4.32E-10	1.0E+06	4.3E-04	5		
5	0.0773	6.39E-03	4.9E-04	1.05E-03	5.17E-07	8.61E-04	4.45E-10	1.0E+06	4.4E-04	5		
6	0.07942	6.39E-03	5.1E-04	1.05E-03	5.31E-07	8.61E-04	4.57E-10	1.0E+06	4.6E-04	5		
7	0.08154	6.39E-03	5.2E-04	1.05E-03	5.45E-07	8.61E-04	4.69E-10	1.0E+06	4.7E-04	5		
8	0.08379	6.39E-03	5.4E-04	1.05E-03	5.60E-07	8.61E-04	4.82E-10	1.0E+06	4.8E-04	5		
9	0.08631	6.39E-03	5.5E-04	1.05E-03	5.77E-07	8.61E-04	4.97E-10	1.0E+06	5.0E-04	5		
10	0.08927	6.39E-03	5.7E-04	1.05E-03	5.97E-07	8.61E-04	5.14E-10	1.0E+06	5.1E-04	5		
11	0.09285	6.39E-03	5.9E-04	1.05E-03	6.20E-07	8.61E-04	5.34E-10	1.0E+06	5.3E-04	5		
12	0.09724	6.39E-03	6.2E-04	1.05E-03	6.50E-07	8.61E-04	5.59E-10	1.0E+06	5.6E-04	5		
13	0.10237	6.39E-03	6.5E-04	1.05E-03	6.84E-07	8.61E-04	5.89E-10	1.0E+06	5.9E-04	5		
14	0.10823	6.39E-03	6.9E-04	1.05E-03	7.23E-07	8.61E-04	6.23E-10	1.0E+06	6.2E-04	5		
15	0.11483	6.39E-03	7.3E-04	1.05E-03	7.67E-07	8.61E-04	6.61E-10	1.0E+06	6.6E-04	5		
16	0.12194	6.39E-03	7.8E-04	1.05E-03	8.15E-07	8.61E-04	7.02E-10	1.0E+06	7.0E-04	5		
17	0.1288	6.39E-03	8.2E-04	1.05E-03	8.61E-07	8.61E-04	7.41E-10	1.0E+06	7.4E-04	5		
18	0.13629	6.39E-03	8.7E-04	1.05E-03	9.11E-07	8.61E-04	7.84E-10	1.0E+06	7.8E-04	5		
19	0.14321	6.39E-03	9.2E-04	1.05E-03	9.57E-07	8.61E-04	8.24E-10	1.0E+06	8.2E-04	5		
20	0.1492	6.39E-03	9.5E-04	1.05E-03	9.97E-07	8.61E-04	8.58E-10	1.0E+06	8.6E-04	5		
21	0.15393	6.39E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.86E-10	1.0E+06	8.9E-04	5		
22	0.15718	6.39E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.04E-10	1.0E+06	9.0E-04	5		
23	0.15884	6.39E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.14E-10	1.0E+06	9.1E-04	5		
24	0.1589	6.39E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.14E-10	1.0E+06	9.1E-04	5		
25	0.15746	6.39E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.06E-10	1.0E+06	9.1E-04	5		
26	0.05765	6.39E-03	3.7E-04	1.05E-03	3.85E-07	8.61E-04	3.32E-10	1.0E+06	3.3E-04	5		
27	0.06091	6.39E-03	3.9E-04	1.05E-03	4.07E-07	8.61E-04	3.50E-10	1.0E+06	3.5E-04	5		
28	0.06423	6.39E-03	4.1E-04	1.05E-03	4.29E-07	8.61E-04	3.70E-10	1.0E+06	3.7E-04	5		
29	0.08374	6.39E-03	5.4E-04	1.05E-03	5.60E-07	8.61E-04	4.82E-10	1.0E+06	4.8E-04	5		
30	0.08646	6.39E-03	5.5E-04	1.05E-03	5.78E-07	8.61E-04	4.97E-10	1.0E+06	5.0E-04	5		
31	0.08909	6.39E-03	5.7E-04	1.05E-03	5.95E-07	8.61E-04	5.13E-10	1.0E+06	5.1E-04	5		

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
32	0.09172	6.39E-03	5.9E-04	1.05E-03	6.13E-07	8.61E-04	5.28E-10	1.0E+06	5.3E-04	5
33	0.0945	6.39E-03	6.0E-04	1.05E-03	6.31E-07	8.61E-04	5.44E-10	1.0E+06	5.4E-04	5
34	0.09764	6.39E-03	6.2E-04	1.05E-03	6.52E-07	8.61E-04	5.62E-10	1.0E+06	5.6E-04	5
35	0.10137	6.39E-03	6.5E-04	1.05E-03	6.77E-07	8.61E-04	5.83E-10	1.0E+06	5.8E-04	5
36	0.10596	6.39E-03	6.8E-04	1.05E-03	7.08E-07	8.61E-04	6.10E-10	1.0E+06	6.1E-04	5
37	0.11157	6.39E-03	7.1E-04	1.05E-03	7.46E-07	8.61E-04	6.42E-10	1.0E+06	6.4E-04	5
38	0.118	6.39E-03	7.5E-04	1.05E-03	7.88E-07	8.61E-04	6.79E-10	1.0E+06	6.8E-04	5
39	0.12561	6.39E-03	8.0E-04	1.05E-03	8.39E-07	8.61E-04	7.23E-10	1.0E+06	7.2E-04	5
40	0.13386	6.39E-03	8.6E-04	1.05E-03	8.94E-07	8.61E-04	7.70E-10	1.0E+06	7.7E-04	5
41	0.14239	6.39E-03	9.1E-04	1.05E-03	9.51E-07	8.61E-04	8.19E-10	1.0E+06	8.2E-04	5
42	0.151	6.39E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.69E-10	1.0E+06	8.7E-04	5
43	0.15961	6.39E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.18E-10	1.0E+06	9.2E-04	5
44	0.1671	6.39E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.61E-10	1.0E+06	9.6E-04	5
45	0.17303	6.39E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.96E-10	1.0E+06	1.0E-03	5
46	0.1771	6.39E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03	5
47	0.17912	6.39E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03	5
48	0.17911	6.39E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03	5
49	0.17718	6.39E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03	5
50	0.17355	6.39E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.99E-10	1.0E+06	1.0E-03	5
51	0.06255	6.39E-03	4.0E-04	1.05E-03	4.18E-07	8.61E-04	3.60E-10	1.0E+06	3.6E-04	5
52	0.06624	6.39E-03	4.2E-04	1.05E-03	4.43E-07	8.61E-04	3.81E-10	1.0E+06	3.8E-04	5
53	0.07011	6.39E-03	4.5E-04	1.05E-03	4.68E-07	8.61E-04	4.03E-10	1.0E+06	4.0E-04	5
54	0.09407	6.39E-03	6.0E-04	1.05E-03	6.29E-07	8.61E-04	5.41E-10	1.0E+06	5.4E-04	5
55	0.0975	6.39E-03	6.2E-04	1.05E-03	6.52E-07	8.61E-04	5.61E-10	1.0E+06	5.6E-04	5
56	0.10079	6.39E-03	6.4E-04	1.05E-03	6.73E-07	8.61E-04	5.80E-10	1.0E+06	5.8E-04	5
57	0.10409	6.39E-03	6.7E-04	1.05E-03	6.96E-07	8.61E-04	5.99E-10	1.0E+06	6.0E-04	5
58	0.10759	6.39E-03	6.9E-04	1.05E-03	7.19E-07	8.61E-04	6.19E-10	1.0E+06	6.2E-04	5
59	0.11159	6.39E-03	7.1E-04	1.05E-03	7.46E-07	8.61E-04	6.42E-10	1.0E+06	6.4E-04	5
60	0.11642	6.39E-03	7.4E-04	1.05E-03	7.78E-07	8.61E-04	6.70E-10	1.0E+06	6.7E-04	5
61	0.12241	6.39E-03	7.8E-04	1.05E-03	8.18E-07	8.61E-04	7.04E-10	1.0E+06	7.0E-04	5
62	0.12966	6.39E-03	8.3E-04	1.05E-03	8.66E-07	8.61E-04	7.46E-10	1.0E+06	7.5E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
63	0.13805	6.39E-03	8.8E-04	1.05E-03	9.22E-07	8.61E-04	7.94E-10	1.0E+06	7.9E-04	5
64	0.14782	6.39E-03	9.5E-04	1.05E-03	9.88E-07	8.61E-04	8.51E-10	1.0E+06	8.5E-04	5
65	0.15822	6.39E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.10E-10	1.0E+06	9.1E-04	5
66	0.16868	6.39E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.71E-10	1.0E+06	9.7E-04	5
67	0.17898	6.39E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03	5
68	0.18851	6.39E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03	5
69	0.19612	6.39E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03	5
70	0.20132	6.39E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03	5
71	0.20384	6.39E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03	5
72	0.20371	6.39E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03	5
73	0.20109	6.39E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03	5
74	0.19633	6.39E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03	5
75	0.18979	6.39E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03	5
76	0.06818	6.39E-03	4.4E-04	1.05E-03	4.56E-07	8.61E-04	3.92E-10	1.0E+06	3.9E-04	5
77	0.07237	6.39E-03	4.6E-04	1.05E-03	4.84E-07	8.61E-04	4.16E-10	1.0E+06	4.2E-04	5
78	0.07697	6.39E-03	4.9E-04	1.05E-03	5.14E-07	8.61E-04	4.43E-10	1.0E+06	4.4E-04	5
79	0.10658	6.39E-03	6.8E-04	1.05E-03	7.12E-07	8.61E-04	6.13E-10	1.0E+06	6.1E-04	5
80	0.11096	6.39E-03	7.1E-04	1.05E-03	7.41E-07	8.61E-04	6.38E-10	1.0E+06	6.4E-04	5
81	0.11516	6.39E-03	7.4E-04	1.05E-03	7.70E-07	8.61E-04	6.63E-10	1.0E+06	6.6E-04	5
82	0.11936	6.39E-03	7.6E-04	1.05E-03	7.98E-07	8.61E-04	6.87E-10	1.0E+06	6.9E-04	5
83	0.12386	6.39E-03	7.9E-04	1.05E-03	8.28E-07	8.61E-04	7.13E-10	1.0E+06	7.1E-04	5
84	0.12905	6.39E-03	8.3E-04	1.05E-03	8.62E-07	8.61E-04	7.43E-10	1.0E+06	7.4E-04	5
85	0.13542	6.39E-03	8.7E-04	1.05E-03	9.05E-07	8.61E-04	7.79E-10	1.0E+06	7.8E-04	5
86	0.14326	6.39E-03	9.2E-04	1.05E-03	9.57E-07	8.61E-04	8.24E-10	1.0E+06	8.2E-04	5
87	0.15263	6.39E-03	9.8E-04	1.05E-03	1.02E-06	8.61E-04	8.78E-10	1.0E+06	8.8E-04	5
88	0.16405	6.39E-03	1.0E-03	1.05E-03	1.10E-06	8.61E-04	9.44E-10	1.0E+06	9.4E-04	5
89	0.1767	6.39E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03	5
90	0.1902	6.39E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03	5
91	0.20225	6.39E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03	5
92	0.21441	6.39E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03	5
93	0.2243	6.39E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
94	0.23109	6.39E-03	1.5E-03	1.05E-03	1.54E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03	5
95	0.23435	6.39E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03	5
96	0.23405	6.39E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03	5
97	0.23047	6.39E-03	1.5E-03	1.05E-03	1.54E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03	5
98	0.22412	6.39E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03	5
99	0.21556	6.39E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03	5
100	0.20538	6.39E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03	5
101	0.07468	6.39E-03	4.8E-04	1.05E-03	4.99E-07	8.61E-04	4.30E-10	1.0E+06	4.3E-04	5
102	0.07942	6.39E-03	5.1E-04	1.05E-03	5.31E-07	8.61E-04	4.57E-10	1.0E+06	4.6E-04	5
103	0.085	6.39E-03	5.4E-04	1.05E-03	5.68E-07	8.61E-04	4.89E-10	1.0E+06	4.9E-04	5
104	0.12192	6.39E-03	7.8E-04	1.05E-03	8.15E-07	8.61E-04	7.01E-10	1.0E+06	7.0E-04	5
105	0.12763	6.39E-03	8.2E-04	1.05E-03	8.53E-07	8.61E-04	7.34E-10	1.0E+06	7.3E-04	5
106	0.1331	6.39E-03	8.5E-04	1.05E-03	8.89E-07	8.61E-04	7.66E-10	1.0E+06	7.7E-04	5
107	0.13857	6.39E-03	8.9E-04	1.05E-03	9.26E-07	8.61E-04	7.97E-10	1.0E+06	8.0E-04	5
108	0.14445	6.39E-03	9.2E-04	1.05E-03	9.65E-07	8.61E-04	8.31E-10	1.0E+06	8.3E-04	5
109	0.15132	6.39E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.71E-10	1.0E+06	8.7E-04	5
110	0.15994	6.39E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.20E-10	1.0E+06	9.2E-04	5
111	0.17007	6.39E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.79E-10	1.0E+06	9.8E-04	5
112	0.18317	6.39E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03	5
113	0.19842	6.39E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03	5
114	0.21505	6.39E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03	5
115	0.23162	6.39E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03	5
116	0.24653	6.39E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03	5
117	0.25976	6.39E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03	5
118	0.26886	6.39E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.5E-03	5
119	0.27257	6.39E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03	5
120	0.27206	6.39E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03	5
121	0.26713	6.39E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03	5
122	0.25851	6.39E-03	1.7E-03	1.05E-03	1.73E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03	5
123	0.2471	6.39E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03	5
124	0.23377	6.39E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
125	0.08224	6.39E-03	5.3E-04	1.05E-03	5.50E-07	8.61E-04	4.73E-10	1.0E+06	4.7E-04	5
126	0.08777	6.39E-03	5.6E-04	1.05E-03	5.86E-07	8.61E-04	5.05E-10	1.0E+06	5.1E-04	5
127	0.09437	6.39E-03	6.0E-04	1.05E-03	6.31E-07	8.61E-04	5.43E-10	1.0E+06	5.4E-04	5
128	0.1486	6.39E-03	9.5E-04	1.05E-03	9.93E-07	8.61E-04	8.55E-10	1.0E+06	8.5E-04	5
129	0.15589	6.39E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.97E-10	1.0E+06	9.0E-04	5
130	0.16318	6.39E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.39E-10	1.0E+06	9.4E-04	5
131	0.17102	6.39E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.84E-10	1.0E+06	9.8E-04	5
132	0.18037	6.39E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03	5
133	0.19205	6.39E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03	5
134	0.20632	6.39E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03	5
135	0.22441	6.39E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03	5
136	0.24518	6.39E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03	5
137	0.26693	6.39E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03	5
138	0.28648	6.39E-03	1.8E-03	1.05E-03	1.91E-06	8.61E-04	1.65E-09	1.0E+06	1.6E-03	5
139	0.30384	6.39E-03	1.9E-03	1.05E-03	2.03E-06	8.61E-04	1.75E-09	1.0E+06	1.7E-03	5
140	0.31628	6.39E-03	2.0E-03	1.05E-03	2.11E-06	8.61E-04	1.82E-09	1.0E+06	1.8E-03	5
141	0.32215	6.39E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.9E-03	5
142	0.32128	6.39E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.8E-03	5
143	0.31434	6.39E-03	2.0E-03	1.05E-03	2.10E-06	8.61E-04	1.81E-09	1.0E+06	1.8E-03	5
144	0.30174	6.39E-03	1.9E-03	1.05E-03	2.02E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03	5
145	0.28626	6.39E-03	1.8E-03	1.05E-03	1.91E-06	8.61E-04	1.65E-09	1.0E+06	1.6E-03	5
146	0.26851	6.39E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03	5
147	0.09103	6.39E-03	5.8E-04	1.05E-03	6.08E-07	8.61E-04	5.24E-10	1.0E+06	5.2E-04	5
148	0.09749	6.39E-03	6.2E-04	1.05E-03	6.51E-07	8.61E-04	5.61E-10	1.0E+06	5.6E-04	5
149	0.10563	6.39E-03	6.8E-04	1.05E-03	7.06E-07	8.61E-04	6.08E-10	1.0E+06	6.1E-04	5
150	0.17549	6.39E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03	5
151	0.18545	6.39E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03	5
152	0.19539	6.39E-03	1.2E-03	1.05E-03	1.31E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03	5
153	0.20617	6.39E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03	5
154	0.21928	6.39E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03	5
155	0.2351	6.39E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.4E-03	5



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
156	0.2562	6.39E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03	5
157	0.28173	6.39E-03	1.8E-03	1.05E-03	1.88E-06	8.61E-04	1.62E-09	1.0E+06	1.6E-03	5
158	0.31016	6.39E-03	2.0E-03	1.05E-03	2.07E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03	5
159	0.33702	6.39E-03	2.2E-03	1.05E-03	2.25E-06	8.61E-04	1.94E-09	1.0E+06	1.9E-03	5
160	0.36055	6.39E-03	2.3E-03	1.05E-03	2.41E-06	8.61E-04	2.07E-09	1.0E+06	2.1E-03	5
161	0.37783	6.39E-03	2.4E-03	1.05E-03	2.52E-06	8.61E-04	2.17E-09	1.0E+06	2.2E-03	5
162	0.38605	6.39E-03	2.5E-03	1.05E-03	2.58E-06	8.61E-04	2.22E-09	1.0E+06	2.2E-03	5
163	0.38463	6.39E-03	2.5E-03	1.05E-03	2.57E-06	8.61E-04	2.21E-09	1.0E+06	2.2E-03	5
164	0.37463	6.39E-03	2.4E-03	1.05E-03	2.50E-06	8.61E-04	2.16E-09	1.0E+06	2.2E-03	5
165	0.35784	6.39E-03	2.3E-03	1.05E-03	2.39E-06	8.61E-04	2.06E-09	1.0E+06	2.1E-03	5
166	0.33639	6.39E-03	2.2E-03	1.05E-03	2.25E-06	8.61E-04	1.94E-09	1.0E+06	1.9E-03	5
167	0.31224	6.39E-03	2.0E-03	1.05E-03	2.09E-06	8.61E-04	1.80E-09	1.0E+06	1.8E-03	5
168	0.28708	6.39E-03	1.8E-03	1.05E-03	1.92E-06	8.61E-04	1.65E-09	1.0E+06	1.7E-03	5
169	0.10124	6.39E-03	6.5E-04	1.05E-03	6.76E-07	8.61E-04	5.83E-10	1.0E+06	5.8E-04	5
170	0.10895	6.39E-03	7.0E-04	1.05E-03	7.28E-07	8.61E-04	6.27E-10	1.0E+06	6.3E-04	5
171	0.11914	6.39E-03	7.6E-04	1.05E-03	7.96E-07	8.61E-04	6.85E-10	1.0E+06	6.9E-04	5
172	0.12685	6.39E-03	8.1E-04	1.05E-03	8.48E-07	8.61E-04	7.30E-10	1.0E+06	7.3E-04	5
173	0.2107	6.39E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03	5
174	0.22478	6.39E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03	5
175	0.2388	6.39E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03	5
176	0.25406	6.39E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03	5
177	0.27287	6.39E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03	5
178	0.29601	6.39E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03	5
179	0.32718	6.39E-03	2.1E-03	1.05E-03	2.19E-06	8.61E-04	1.88E-09	1.0E+06	1.9E-03	5
180	0.36403	6.39E-03	2.3E-03	1.05E-03	2.43E-06	8.61E-04	2.09E-09	1.0E+06	2.1E-03	5
181	0.40166	6.39E-03	2.6E-03	1.05E-03	2.68E-06	8.61E-04	2.31E-09	1.0E+06	2.3E-03	5
182	0.43463	6.39E-03	2.8E-03	1.05E-03	2.90E-06	8.61E-04	2.50E-09	1.0E+06	2.5E-03	5
183	0.3998	6.39E-03	2.6E-03	1.05E-03	2.67E-06	8.61E-04	2.30E-09	1.0E+06	2.3E-03	5
184	0.36644	6.39E-03	2.3E-03	1.05E-03	2.45E-06	8.61E-04	2.11E-09	1.0E+06	2.1E-03	5
185	0.12239	6.39E-03	7.8E-04	1.05E-03	8.18E-07	8.61E-04	7.04E-10	1.0E+06	7.0E-04	5
186	0.13492	6.39E-03	8.6E-04	1.05E-03	9.02E-07	8.61E-04	7.76E-10	1.0E+06	7.8E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
187	0.14494	6.39E-03	9.3E-04	1.05E-03	9.69E-07	8.61E-04	8.34E-10	1.0E+06	8.3E-04	5
188	0.25793	6.39E-03	1.6E-03	1.05E-03	1.72E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03	5
189	0.27858	6.39E-03	1.8E-03	1.05E-03	1.86E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03	5
190	0.29913	6.39E-03	1.9E-03	1.05E-03	2.00E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03	5
191	0.32172	6.39E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.9E-03	5
192	0.34856	6.39E-03	2.2E-03	1.05E-03	2.33E-06	8.61E-04	2.01E-09	1.0E+06	2.0E-03	5
193	0.38488	6.39E-03	2.5E-03	1.05E-03	2.57E-06	8.61E-04	2.21E-09	1.0E+06	2.2E-03	5
194	0.43242	6.39E-03	2.8E-03	1.05E-03	2.89E-06	8.61E-04	2.49E-09	1.0E+06	2.5E-03	5
195	0.48574	6.39E-03	3.1E-03	1.05E-03	3.25E-06	8.61E-04	2.79E-09	1.0E+06	2.8E-03	5
196	0.53593	6.39E-03	3.4E-03	1.05E-03	3.58E-06	8.61E-04	3.08E-09	1.0E+06	3.1E-03	5
197	0.573	6.39E-03	3.7E-03	1.05E-03	3.83E-06	8.61E-04	3.30E-09	1.0E+06	3.3E-03	5
198	0.15297	6.39E-03	9.8E-04	1.05E-03	1.02E-06	8.61E-04	8.80E-10	1.0E+06	8.8E-04	5
199	0.16754	6.39E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.64E-10	1.0E+06	9.6E-04	5
200	0.17419	6.39E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	1.00E-09	1.0E+06	1.0E-03	5
201	0.19431	6.39E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03	5
202	0.21409	6.39E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03	5
203	0.22507	6.39E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03	5
204	0.25605	6.39E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03	5
205	0.28973	6.39E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03	5
206	0.30373	6.39E-03	1.9E-03	1.05E-03	2.03E-06	8.61E-04	1.75E-09	1.0E+06	1.7E-03	5
207	0.35386	6.39E-03	2.3E-03	1.05E-03	2.36E-06	8.61E-04	2.04E-09	1.0E+06	2.0E-03	5
208	0.41494	6.39E-03	2.7E-03	1.05E-03	2.77E-06	8.61E-04	2.39E-09	1.0E+06	2.4E-03	5
209	0.35878	6.39E-03	2.3E-03	1.05E-03	2.40E-06	8.61E-04	2.06E-09	1.0E+06	2.1E-03	5
210	0.43352	6.39E-03	2.8E-03	1.05E-03	2.90E-06	8.61E-04	2.49E-09	1.0E+06	2.5E-03	5
211	0.52411	6.39E-03	3.4E-03	1.05E-03	3.50E-06	8.61E-04	3.02E-09	1.0E+06	3.0E-03	5
212	0.52495	6.39E-03	3.4E-03	1.05E-03	3.51E-06	8.61E-04	3.02E-09	1.0E+06	3.0E-03	5
213	0.6692	6.39E-03	4.3E-03	1.05E-03	4.47E-06	8.61E-04	3.85E-09	1.0E+06	3.9E-03	5
214	0.85669	6.39E-03	5.5E-03	1.05E-03	5.72E-06	8.61E-04	4.93E-09	1.0E+06	4.9E-03	5
215	0.63092	6.39E-03	4.0E-03	1.05E-03	4.22E-06	8.61E-04	3.63E-09	1.0E+06	3.6E-03	5
216	0.83646	6.39E-03	5.3E-03	1.05E-03	5.59E-06	8.61E-04	4.81E-09	1.0E+06	4.8E-03	5
217	1.13108	6.39E-03	7.2E-03	1.05E-03	7.56E-06	8.61E-04	6.51E-09	1.0E+06	6.5E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
218	1.48043	6.39E-03	9.5E-03	1.05E-03	9.89E-06	8.61E-04	8.52E-09	1.0E+06	8.5E-03	5
219	2.31605	6.39E-03	1.5E-02	1.05E-03	1.55E-05	8.61E-04	1.33E-08	1.0E+06	1.3E-02	5
220	1.85504	6.39E-03	1.2E-02	1.05E-03	1.24E-05	8.61E-04	1.07E-08	1.0E+06	1.1E-02	5
221	2.96399	6.39E-03	1.9E-02	1.05E-03	1.98E-05	8.61E-04	1.71E-08	1.0E+06	1.7E-02	5
222	2.0757	6.39E-03	1.3E-02	1.05E-03	1.39E-05	8.61E-04	1.19E-08	1.0E+06	1.2E-02	5
223	3.19919	6.39E-03	2.0E-02	1.05E-03	2.14E-05	8.61E-04	1.84E-08	1.0E+06	1.8E-02	5
224	5.32338	6.39E-03	3.4E-02	1.05E-03	3.56E-05	8.61E-04	3.06E-08	1.0E+06	3.1E-02	5
225	2.85376	6.39E-03	1.8E-02	1.05E-03	1.91E-05	8.61E-04	1.64E-08	1.0E+06	1.6E-02	5
226	4.01652	6.39E-03	2.6E-02	1.05E-03	2.68E-05	8.61E-04	2.31E-08	1.0E+06	2.3E-02	5
227	0.1244	6.39E-03	8.0E-04	1.05E-03	8.31E-07	8.61E-04	7.16E-10	1.0E+06	7.2E-04	5
228	0.11086	6.39E-03	7.1E-04	1.05E-03	7.41E-07	8.61E-04	6.38E-10	1.0E+06	6.4E-04	5
229	0.0995	6.39E-03	6.4E-04	1.05E-03	6.65E-07	8.61E-04	5.72E-10	1.0E+06	5.7E-04	5
230	0.08989	6.39E-03	5.7E-04	1.05E-03	6.01E-07	8.61E-04	5.17E-10	1.0E+06	5.2E-04	5
231	0.1142	6.39E-03	7.3E-04	1.05E-03	7.63E-07	8.61E-04	6.57E-10	1.0E+06	6.6E-04	5
232	0.10234	6.39E-03	6.5E-04	1.05E-03	6.84E-07	8.61E-04	5.89E-10	1.0E+06	5.9E-04	5
233	0.09232	6.39E-03	5.9E-04	1.05E-03	6.17E-07	8.61E-04	5.31E-10	1.0E+06	5.3E-04	5
234	0.08376	6.39E-03	5.4E-04	1.05E-03	5.60E-07	8.61E-04	4.82E-10	1.0E+06	4.8E-04	5
235	0.10529	6.39E-03	6.7E-04	1.05E-03	7.04E-07	8.61E-04	6.06E-10	1.0E+06	6.1E-04	5
236	0.09494	6.39E-03	6.1E-04	1.05E-03	6.34E-07	8.61E-04	5.46E-10	1.0E+06	5.5E-04	5
237	0.08607	6.39E-03	5.5E-04	1.05E-03	5.75E-07	8.61E-04	4.95E-10	1.0E+06	5.0E-04	5
238	0.07843	6.39E-03	5.0E-04	1.05E-03	5.24E-07	8.61E-04	4.51E-10	1.0E+06	4.5E-04	5
239	0.86506	6.39E-03	5.5E-03	1.05E-03	5.78E-06	8.61E-04	4.98E-09	1.0E+06	5.0E-03	5
240	0.74118	6.39E-03	4.7E-03	1.05E-03	4.95E-06	8.61E-04	4.26E-09	1.0E+06	4.3E-03	5
241	0.64195	6.39E-03	4.1E-03	1.05E-03	4.29E-06	8.61E-04	3.69E-09	1.0E+06	3.7E-03	5
242	0.56124	6.39E-03	3.6E-03	1.05E-03	3.75E-06	8.61E-04	3.23E-09	1.0E+06	3.2E-03	5
243	0.75935	6.39E-03	4.9E-03	1.05E-03	5.07E-06	8.61E-04	4.37E-09	1.0E+06	4.4E-03	5
244	0.65766	6.39E-03	4.2E-03	1.05E-03	4.39E-06	8.61E-04	3.78E-09	1.0E+06	3.8E-03	5
245	0.57482	6.39E-03	3.7E-03	1.05E-03	3.84E-06	8.61E-04	3.31E-09	1.0E+06	3.3E-03	5
246	0.50646	6.39E-03	3.2E-03	1.05E-03	3.38E-06	8.61E-04	2.91E-09	1.0E+06	2.9E-03	5
247	0.67159	6.39E-03	4.3E-03	1.05E-03	4.49E-06	8.61E-04	3.86E-09	1.0E+06	3.9E-03	5
248	0.5874	6.39E-03	3.8E-03	1.05E-03	3.93E-06	8.61E-04	3.38E-09	1.0E+06	3.4E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
249	0.51769	6.39E-03	3.3E-03	1.05E-03	3.46E-06	8.61E-04	2.98E-09	1.0E+06	3.0E-03	5
250	0.4593	6.39E-03	2.9E-03	1.05E-03	3.07E-06	8.61E-04	2.64E-09	1.0E+06	2.6E-03	5
251	0.26849	6.39E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03	5
252	0.2467	6.39E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03	5
253	0.32264	6.39E-03	2.1E-03	1.05E-03	2.16E-06	8.61E-04	1.86E-09	1.0E+06	1.9E-03	5
254	0.29511	6.39E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03	5
255	0.24916	6.39E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03	5
256	0.2299	6.39E-03	1.5E-03	1.05E-03	1.54E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03	5
257	0.18366	6.39E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03	5
258	0.29564	6.39E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03	5
259	0.27177	6.39E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03	5
260	0.25044	6.39E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03	5
261	0.23145	6.39E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03	5
262	0.21444	6.39E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03	5
263	0.17309	6.39E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.96E-10	1.0E+06	1.0E-03	5
264	0.25066	6.39E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03	5
265	0.23203	6.39E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03	5
266	0.21527	6.39E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03	5
267	0.20018	6.39E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.15E-09	1.0E+06	1.2E-03	5
268	0.16325	6.39E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.39E-10	1.0E+06	9.4E-04	5
269	0.23768	6.39E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03	5
270	0.20554	6.39E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03	5
271	0.17934	6.39E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03	5
272	0.15777	6.39E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.08E-10	1.0E+06	9.1E-04	5
273	0.13987	6.39E-03	8.9E-04	1.05E-03	9.35E-07	8.61E-04	8.05E-10	1.0E+06	8.0E-04	5
274	0.12489	6.39E-03	8.0E-04	1.05E-03	8.35E-07	8.61E-04	7.19E-10	1.0E+06	7.2E-04	5
275	0.11219	6.39E-03	7.2E-04	1.05E-03	7.50E-07	8.61E-04	6.46E-10	1.0E+06	6.5E-04	5
276	0.21786	6.39E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.25E-09	1.0E+06	1.3E-03	5
277	0.1886	6.39E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03	5
278	0.16485	6.39E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.48E-10	1.0E+06	9.5E-04	5
279	0.14536	6.39E-03	9.3E-04	1.05E-03	9.71E-07	8.61E-04	8.36E-10	1.0E+06	8.4E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
280	0.1292	6.39E-03	8.3E-04	1.05E-03	8.63E-07	8.61E-04	7.43E-10	1.0E+06	7.4E-04	5
281	0.11568	6.39E-03	7.4E-04	1.05E-03	7.73E-07	8.61E-04	6.66E-10	1.0E+06	6.7E-04	5
282	0.10425	6.39E-03	6.7E-04	1.05E-03	6.97E-07	8.61E-04	6.00E-10	1.0E+06	6.0E-04	5
283	0.19733	6.39E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03	5
284	0.17147	6.39E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.87E-10	1.0E+06	9.9E-04	5
285	0.15046	6.39E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.66E-10	1.0E+06	8.7E-04	5
286	0.13319	6.39E-03	8.5E-04	1.05E-03	8.90E-07	8.61E-04	7.66E-10	1.0E+06	7.7E-04	5
287	0.11883	6.39E-03	7.6E-04	1.05E-03	7.94E-07	8.61E-04	6.84E-10	1.0E+06	6.8E-04	5
288	0.10679	6.39E-03	6.8E-04	1.05E-03	7.14E-07	8.61E-04	6.14E-10	1.0E+06	6.1E-04	5
289	0.09658	6.39E-03	6.2E-04	1.05E-03	6.45E-07	8.61E-04	5.56E-10	1.0E+06	5.6E-04	5
290	0.17745	6.39E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03	5
291	0.15505	6.39E-03	9.9E-04	1.05E-03	1.04E-06	8.61E-04	8.92E-10	1.0E+06	8.9E-04	5
292	0.13677	6.39E-03	8.7E-04	1.05E-03	9.14E-07	8.61E-04	7.87E-10	1.0E+06	7.9E-04	5
293	0.12166	6.39E-03	7.8E-04	1.05E-03	8.13E-07	8.61E-04	7.00E-10	1.0E+06	7.0E-04	5
294	0.10904	6.39E-03	7.0E-04	1.05E-03	7.29E-07	8.61E-04	6.27E-10	1.0E+06	6.3E-04	5
295	0.0984	6.39E-03	6.3E-04	1.05E-03	6.58E-07	8.61E-04	5.66E-10	1.0E+06	5.7E-04	5
296	0.08935	6.39E-03	5.7E-04	1.05E-03	5.97E-07	8.61E-04	5.14E-10	1.0E+06	5.1E-04	5
297	0.15911	6.39E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.15E-10	1.0E+06	9.2E-04	5
298	0.13993	6.39E-03	8.9E-04	1.05E-03	9.35E-07	8.61E-04	8.05E-10	1.0E+06	8.1E-04	5
299	0.12416	6.39E-03	7.9E-04	1.05E-03	8.30E-07	8.61E-04	7.14E-10	1.0E+06	7.1E-04	5
300	0.11104	6.39E-03	7.1E-04	1.05E-03	7.42E-07	8.61E-04	6.39E-10	1.0E+06	6.4E-04	5
301	0.10001	6.39E-03	6.4E-04	1.05E-03	6.68E-07	8.61E-04	5.75E-10	1.0E+06	5.8E-04	5
302	0.09065	6.39E-03	5.8E-04	1.05E-03	6.06E-07	8.61E-04	5.22E-10	1.0E+06	5.2E-04	5
303	0.08264	6.39E-03	5.3E-04	1.05E-03	5.52E-07	8.61E-04	4.75E-10	1.0E+06	4.8E-04	5
304	0.14274	6.39E-03	9.1E-04	1.05E-03	9.54E-07	8.61E-04	8.21E-10	1.0E+06	8.2E-04	5
305	0.12639	6.39E-03	8.1E-04	1.05E-03	8.45E-07	8.61E-04	7.27E-10	1.0E+06	7.3E-04	5
306	0.11282	6.39E-03	7.2E-04	1.05E-03	7.54E-07	8.61E-04	6.49E-10	1.0E+06	6.5E-04	5
307	0.10144	6.39E-03	6.5E-04	1.05E-03	6.78E-07	8.61E-04	5.84E-10	1.0E+06	5.8E-04	5
308	0.09181	6.39E-03	5.9E-04	1.05E-03	6.13E-07	8.61E-04	5.28E-10	1.0E+06	5.3E-04	5
309	0.08359	6.39E-03	5.3E-04	1.05E-03	5.59E-07	8.61E-04	4.81E-10	1.0E+06	4.8E-04	5
310	0.07651	6.39E-03	4.9E-04	1.05E-03	5.11E-07	8.61E-04	4.40E-10	1.0E+06	4.4E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
311	0.12858	6.39E-03	8.2E-04	1.05E-03	8.59E-07	8.61E-04	7.40E-10	1.0E+06	7.4E-04	5
312	0.11456	6.39E-03	7.3E-04	1.05E-03	7.66E-07	8.61E-04	6.59E-10	1.0E+06	6.6E-04	5
313	0.10285	6.39E-03	6.6E-04	1.05E-03	6.87E-07	8.61E-04	5.92E-10	1.0E+06	5.9E-04	5
314	0.09295	6.39E-03	5.9E-04	1.05E-03	6.21E-07	8.61E-04	5.35E-10	1.0E+06	5.3E-04	5
315	0.08451	6.39E-03	5.4E-04	1.05E-03	5.65E-07	8.61E-04	4.86E-10	1.0E+06	4.9E-04	5
316	0.07726	6.39E-03	4.9E-04	1.05E-03	5.16E-07	8.61E-04	4.45E-10	1.0E+06	4.4E-04	5
317	0.07098	6.39E-03	4.5E-04	1.05E-03	4.74E-07	8.61E-04	4.08E-10	1.0E+06	4.1E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk**

<b>Chronic Non Cancer Risk</b>	
<b>Receptor #</b>	<b>HI</b>
1	6.80E-05
2	7.18E-05
3	7.56E-05
4	9.60E-05
5	9.88E-05
6	1.02E-04
7	1.04E-04
8	1.07E-04
9	1.10E-04
10	1.14E-04
11	1.19E-04
12	1.24E-04
13	1.31E-04
14	1.38E-04
15	1.47E-04
16	1.56E-04
17	1.65E-04
18	1.74E-04
19	1.83E-04
20	1.91E-04
21	1.97E-04
22	2.01E-04
23	2.03E-04
24	2.03E-04
25	2.01E-04
26	7.37E-05
27	7.79E-05
28	8.21E-05
29	1.07E-04
30	1.11E-04
31	1.14E-04

<b>Max</b>	<b>Receptor #</b>
0.007	224

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
32	1.17E-04
33	1.21E-04
34	1.25E-04
35	1.30E-04
36	1.35E-04
37	1.43E-04
38	1.51E-04
39	1.61E-04
40	1.71E-04
41	1.82E-04
42	1.93E-04
43	2.04E-04
44	2.14E-04
45	2.21E-04
46	2.26E-04
47	2.29E-04
48	2.29E-04
49	2.27E-04
50	2.22E-04
51	8.00E-05
52	8.47E-05
53	8.96E-05
54	1.20E-04
55	1.25E-04
56	1.29E-04
57	1.33E-04
58	1.38E-04
59	1.43E-04
60	1.49E-04
61	1.57E-04
62	1.66E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
63	1.77E-04
64	1.89E-04
65	2.02E-04
66	2.16E-04
67	2.29E-04
68	2.41E-04
69	2.51E-04
70	2.57E-04
71	2.61E-04
72	2.60E-04
73	2.57E-04
74	2.51E-04
75	2.43E-04
76	8.72E-05
77	9.25E-05
78	9.84E-05
79	1.36E-04
80	1.42E-04
81	1.47E-04
82	1.53E-04
83	1.58E-04
84	1.65E-04
85	1.73E-04
86	1.83E-04
87	1.95E-04
88	2.10E-04
89	2.26E-04
90	2.43E-04
91	2.59E-04
92	2.74E-04
93	2.87E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
94	2.95E-04
95	3.00E-04
96	2.99E-04
97	2.95E-04
98	2.87E-04
99	2.76E-04
100	2.63E-04
101	9.55E-05
102	1.02E-04
103	1.09E-04
104	1.56E-04
105	1.63E-04
106	1.70E-04
107	1.77E-04
108	1.85E-04
109	1.93E-04
110	2.05E-04
111	2.17E-04
112	2.34E-04
113	2.54E-04
114	2.75E-04
115	2.96E-04
116	3.15E-04
117	3.32E-04
118	3.44E-04
119	3.49E-04
120	3.48E-04
121	3.42E-04
122	3.31E-04
123	3.16E-04
124	2.99E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
125	1.05E-04
126	1.12E-04
127	1.21E-04
128	1.90E-04
129	1.99E-04
130	2.09E-04
131	2.19E-04
132	2.31E-04
133	2.46E-04
134	2.64E-04
135	2.87E-04
136	3.13E-04
137	3.41E-04
138	3.66E-04
139	3.88E-04
140	4.04E-04
141	4.12E-04
142	4.11E-04
143	4.02E-04
144	3.86E-04
145	3.66E-04
146	3.43E-04
147	1.16E-04
148	1.25E-04
149	1.35E-04
150	2.24E-04
151	2.37E-04
152	2.50E-04
153	2.64E-04
154	2.80E-04
155	3.01E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
156	3.28E-04
157	3.60E-04
158	3.97E-04
159	4.31E-04
160	4.61E-04
161	4.83E-04
162	4.94E-04
163	4.92E-04
164	4.79E-04
165	4.58E-04
166	4.30E-04
167	3.99E-04
168	3.67E-04
169	1.29E-04
170	1.39E-04
171	1.52E-04
172	1.62E-04
173	2.69E-04
174	2.87E-04
175	3.05E-04
176	3.25E-04
177	3.49E-04
178	3.78E-04
179	4.18E-04
180	4.65E-04
181	5.14E-04
182	5.56E-04
183	5.11E-04
184	4.69E-04
185	1.56E-04
186	1.73E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
187	1.85E-04
188	3.30E-04
189	3.56E-04
190	3.82E-04
191	4.11E-04
192	4.46E-04
193	4.92E-04
194	5.53E-04
195	6.21E-04
196	6.85E-04
197	7.33E-04
198	1.96E-04
199	2.14E-04
200	2.23E-04
201	2.48E-04
202	2.74E-04
203	2.88E-04
204	3.27E-04
205	3.70E-04
206	3.88E-04
207	4.52E-04
208	5.31E-04
209	4.59E-04
210	5.54E-04
211	6.70E-04
212	6.71E-04
213	8.56E-04
214	1.10E-03
215	8.07E-04
216	1.07E-03
217	1.45E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
218	1.89E-03
219	2.96E-03
220	2.37E-03
221	3.79E-03
222	2.65E-03
223	4.09E-03
224	6.81E-03
225	3.65E-03
226	5.14E-03
227	1.59E-04
228	1.42E-04
229	1.27E-04
230	1.15E-04
231	1.46E-04
232	1.31E-04
233	1.18E-04
234	1.07E-04
235	1.35E-04
236	1.21E-04
237	1.10E-04
238	1.00E-04
239	1.11E-03
240	9.48E-04
241	8.21E-04
242	7.18E-04
243	9.71E-04
244	8.41E-04
245	7.35E-04
246	6.48E-04
247	8.59E-04
248	7.51E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
249	6.62E-04
250	5.87E-04
251	3.43E-04
252	3.15E-04
253	4.13E-04
254	3.77E-04
255	3.19E-04
256	2.94E-04
257	2.35E-04
258	3.78E-04
259	3.47E-04
260	3.20E-04
261	2.96E-04
262	2.74E-04
263	2.21E-04
264	3.21E-04
265	2.97E-04
266	2.75E-04
267	2.56E-04
268	2.09E-04
269	3.04E-04
270	2.63E-04
271	2.29E-04
272	2.02E-04
273	1.79E-04
274	1.60E-04
275	1.43E-04
276	2.79E-04
277	2.41E-04
278	2.11E-04
279	1.86E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
280	1.65E-04
281	1.48E-04
282	1.33E-04
283	2.52E-04
284	2.19E-04
285	1.92E-04
286	1.70E-04
287	1.52E-04
288	1.37E-04
289	1.23E-04
290	2.27E-04
291	1.98E-04
292	1.75E-04
293	1.56E-04
294	1.39E-04
295	1.26E-04
296	1.14E-04
297	2.03E-04
298	1.79E-04
299	1.59E-04
300	1.42E-04
301	1.28E-04
302	1.16E-04
303	1.06E-04
304	1.83E-04
305	1.62E-04
306	1.44E-04
307	1.30E-04
308	1.17E-04
309	1.07E-04
310	9.78E-05



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Site Preparation Risk**

*Chronic Non Cancer Risk*

Receptor #	HI
311	1.64E-04
312	1.46E-04
313	1.32E-04
314	1.19E-04
315	1.08E-04
316	9.88E-05
317	9.08E-05

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Parcel 1-E: Unmitigated - Parcel 1 - Grading Risk

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05315	7.62E-03	4.0E-04	1.05E-03	4.23E-07	8.61E-04	3.64E-10	1.0E+06	3.6E-04
2	0.05619	7.62E-03	4.3E-04	1.05E-03	4.47E-07	8.61E-04	3.85E-10	1.0E+06	3.9E-04
3	0.05911	7.62E-03	4.5E-04	1.05E-03	4.70E-07	8.61E-04	4.05E-10	1.0E+06	4.1E-04
4	0.07511	7.62E-03	5.7E-04	1.05E-03	5.98E-07	8.61E-04	5.15E-10	1.0E+06	5.1E-04
5	0.0773	7.62E-03	5.9E-04	1.05E-03	6.15E-07	8.61E-04	5.30E-10	1.0E+06	5.3E-04
6	0.07942	7.62E-03	6.0E-04	1.05E-03	6.32E-07	8.61E-04	5.44E-10	1.0E+06	5.4E-04
7	0.08154	7.62E-03	6.2E-04	1.05E-03	6.49E-07	8.61E-04	5.59E-10	1.0E+06	5.6E-04
8	0.08379	7.62E-03	6.4E-04	1.05E-03	6.67E-07	8.61E-04	5.74E-10	1.0E+06	5.7E-04
9	0.08631	7.62E-03	6.6E-04	1.05E-03	6.87E-07	8.61E-04	5.92E-10	1.0E+06	5.9E-04
10	0.08927	7.62E-03	6.8E-04	1.05E-03	7.11E-07	8.61E-04	6.12E-10	1.0E+06	6.1E-04
11	0.09285	7.62E-03	7.1E-04	1.05E-03	7.39E-07	8.61E-04	6.36E-10	1.0E+06	6.4E-04
12	0.09724	7.62E-03	7.4E-04	1.05E-03	7.74E-07	8.61E-04	6.66E-10	1.0E+06	6.7E-04
13	0.10237	7.62E-03	7.8E-04	1.05E-03	8.15E-07	8.61E-04	7.02E-10	1.0E+06	7.0E-04
14	0.10823	7.62E-03	8.2E-04	1.05E-03	8.61E-07	8.61E-04	7.42E-10	1.0E+06	7.4E-04
15	0.11483	7.62E-03	8.7E-04	1.05E-03	9.14E-07	8.61E-04	7.87E-10	1.0E+06	7.9E-04
16	0.12194	7.62E-03	9.3E-04	1.05E-03	9.71E-07	8.61E-04	8.36E-10	1.0E+06	8.4E-04
17	0.1288	7.62E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.83E-10	1.0E+06	8.8E-04
18	0.13629	7.62E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.34E-10	1.0E+06	9.3E-04
19	0.14321	7.62E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.82E-10	1.0E+06	9.8E-04
20	0.1492	7.62E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
21	0.15393	7.62E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03
22	0.15718	7.62E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
23	0.15884	7.62E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
24	0.1589	7.62E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
25	0.15746	7.62E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
26	0.05765	7.62E-03	4.4E-04	1.05E-03	4.59E-07	8.61E-04	3.95E-10	1.0E+06	4.0E-04
27	0.06091	7.62E-03	4.6E-04	1.05E-03	4.85E-07	8.61E-04	4.17E-10	1.0E+06	4.2E-04
28	0.06423	7.62E-03	4.9E-04	1.05E-03	5.11E-07	8.61E-04	4.40E-10	1.0E+06	4.4E-04
29	0.08374	7.62E-03	6.4E-04	1.05E-03	6.67E-07	8.61E-04	5.74E-10	1.0E+06	5.7E-04
30	0.08646	7.62E-03	6.6E-04	1.05E-03	6.88E-07	8.61E-04	5.93E-10	1.0E+06	5.9E-04
31	0.08909	7.62E-03	6.8E-04	1.05E-03	7.09E-07	8.61E-04	6.11E-10	1.0E+06	6.1E-04

<b>Max</b>	<b>Receptor #</b>
0.036	224

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
32	0.09172	7.62E-03	7.0E-04	1.05E-03	7.30E-07	8.61E-04	6.29E-10	1.0E+06	6.3E-04
33	0.0945	7.62E-03	7.2E-04	1.05E-03	7.52E-07	8.61E-04	6.48E-10	1.0E+06	6.5E-04
34	0.09764	7.62E-03	7.4E-04	1.05E-03	7.77E-07	8.61E-04	6.69E-10	1.0E+06	6.7E-04
35	0.10137	7.62E-03	7.7E-04	1.05E-03	8.07E-07	8.61E-04	6.95E-10	1.0E+06	6.9E-04
36	0.10596	7.62E-03	8.1E-04	1.05E-03	8.43E-07	8.61E-04	7.26E-10	1.0E+06	7.3E-04
37	0.11157	7.62E-03	8.5E-04	1.05E-03	8.88E-07	8.61E-04	7.65E-10	1.0E+06	7.6E-04
38	0.118	7.62E-03	9.0E-04	1.05E-03	9.39E-07	8.61E-04	8.09E-10	1.0E+06	8.1E-04
39	0.12561	7.62E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.61E-10	1.0E+06	8.6E-04
40	0.13386	7.62E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.17E-10	1.0E+06	9.2E-04
41	0.14239	7.62E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.76E-10	1.0E+06	9.8E-04
42	0.151	7.62E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
43	0.15961	7.62E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
44	0.1671	7.62E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03
45	0.17303	7.62E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
46	0.1771	7.62E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
47	0.17912	7.62E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
48	0.17911	7.62E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
49	0.17718	7.62E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
50	0.17355	7.62E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
51	0.06255	7.62E-03	4.8E-04	1.05E-03	4.98E-07	8.61E-04	4.29E-10	1.0E+06	4.3E-04
52	0.06624	7.62E-03	5.0E-04	1.05E-03	5.27E-07	8.61E-04	4.54E-10	1.0E+06	4.5E-04
53	0.07011	7.62E-03	5.3E-04	1.05E-03	5.58E-07	8.61E-04	4.81E-10	1.0E+06	4.8E-04
54	0.09407	7.62E-03	7.2E-04	1.05E-03	7.49E-07	8.61E-04	6.45E-10	1.0E+06	6.4E-04
55	0.0975	7.62E-03	7.4E-04	1.05E-03	7.76E-07	8.61E-04	6.68E-10	1.0E+06	6.7E-04
56	0.10079	7.62E-03	7.7E-04	1.05E-03	8.02E-07	8.61E-04	6.91E-10	1.0E+06	6.9E-04
57	0.10409	7.62E-03	7.9E-04	1.05E-03	8.29E-07	8.61E-04	7.13E-10	1.0E+06	7.1E-04
58	0.10759	7.62E-03	8.2E-04	1.05E-03	8.56E-07	8.61E-04	7.37E-10	1.0E+06	7.4E-04
59	0.11159	7.62E-03	8.5E-04	1.05E-03	8.88E-07	8.61E-04	7.65E-10	1.0E+06	7.6E-04
60	0.11642	7.62E-03	8.9E-04	1.05E-03	9.27E-07	8.61E-04	7.98E-10	1.0E+06	8.0E-04
61	0.12241	7.62E-03	9.3E-04	1.05E-03	9.74E-07	8.61E-04	8.39E-10	1.0E+06	8.4E-04
62	0.12966	7.62E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.89E-10	1.0E+06	8.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
63	0.13805	7.62E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.46E-10	1.0E+06	9.5E-04
64	0.14782	7.62E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
65	0.15822	7.62E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
66	0.16868	7.62E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
67	0.17898	7.62E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
68	0.18851	7.62E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
69	0.19612	7.62E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
70	0.20132	7.62E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
71	0.20384	7.62E-03	1.6E-03	1.05E-03	1.62E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
72	0.20371	7.62E-03	1.6E-03	1.05E-03	1.62E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
73	0.20109	7.62E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
74	0.19633	7.62E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03
75	0.18979	7.62E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
76	0.06818	7.62E-03	5.2E-04	1.05E-03	5.43E-07	8.61E-04	4.67E-10	1.0E+06	4.7E-04
77	0.07237	7.62E-03	5.5E-04	1.05E-03	5.76E-07	8.61E-04	4.96E-10	1.0E+06	5.0E-04
78	0.07697	7.62E-03	5.9E-04	1.05E-03	6.13E-07	8.61E-04	5.28E-10	1.0E+06	5.3E-04
79	0.10658	7.62E-03	8.1E-04	1.05E-03	8.48E-07	8.61E-04	7.30E-10	1.0E+06	7.3E-04
80	0.11096	7.62E-03	8.4E-04	1.05E-03	8.83E-07	8.61E-04	7.60E-10	1.0E+06	7.6E-04
81	0.11516	7.62E-03	8.8E-04	1.05E-03	9.17E-07	8.61E-04	7.89E-10	1.0E+06	7.9E-04
82	0.11936	7.62E-03	9.1E-04	1.05E-03	9.50E-07	8.61E-04	8.18E-10	1.0E+06	8.2E-04
83	0.12386	7.62E-03	9.4E-04	1.05E-03	9.86E-07	8.61E-04	8.49E-10	1.0E+06	8.5E-04
84	0.12905	7.62E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.84E-10	1.0E+06	8.8E-04
85	0.13542	7.62E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.28E-10	1.0E+06	9.3E-04
86	0.14326	7.62E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.82E-10	1.0E+06	9.8E-04
87	0.15263	7.62E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03
88	0.16405	7.62E-03	1.2E-03	1.05E-03	1.31E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
89	0.1767	7.62E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
90	0.1902	7.62E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
91	0.20225	7.62E-03	1.5E-03	1.05E-03	1.61E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03
92	0.21441	7.62E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03
93	0.2243	7.62E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
94	0.23109	7.62E-03	1.8E-03	1.05E-03	1.84E-06	8.61E-04	1.58E-09	1.0E+06	1.6E-03
95	0.23435	7.62E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03
96	0.23405	7.62E-03	1.8E-03	1.05E-03	1.86E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03
97	0.23047	7.62E-03	1.8E-03	1.05E-03	1.83E-06	8.61E-04	1.58E-09	1.0E+06	1.6E-03
98	0.22412	7.62E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03
99	0.21556	7.62E-03	1.6E-03	1.05E-03	1.72E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03
100	0.20538	7.62E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
101	0.07468	7.62E-03	5.7E-04	1.05E-03	5.94E-07	8.61E-04	5.12E-10	1.0E+06	5.1E-04
102	0.07942	7.62E-03	6.0E-04	1.05E-03	6.32E-07	8.61E-04	5.44E-10	1.0E+06	5.4E-04
103	0.085	7.62E-03	6.5E-04	1.05E-03	6.77E-07	8.61E-04	5.83E-10	1.0E+06	5.8E-04
104	0.12192	7.62E-03	9.3E-04	1.05E-03	9.70E-07	8.61E-04	8.36E-10	1.0E+06	8.4E-04
105	0.12763	7.62E-03	9.7E-04	1.05E-03	1.02E-06	8.61E-04	8.75E-10	1.0E+06	8.7E-04
106	0.1331	7.62E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.12E-10	1.0E+06	9.1E-04
107	0.13857	7.62E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.50E-10	1.0E+06	9.5E-04
108	0.14445	7.62E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.90E-10	1.0E+06	9.9E-04
109	0.15132	7.62E-03	1.2E-03	1.05E-03	1.20E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
110	0.15994	7.62E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
111	0.17007	7.62E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
112	0.18317	7.62E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03
113	0.19842	7.62E-03	1.5E-03	1.05E-03	1.58E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03
114	0.21505	7.62E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03
115	0.23162	7.62E-03	1.8E-03	1.05E-03	1.84E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03
116	0.24653	7.62E-03	1.9E-03	1.05E-03	1.96E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
117	0.25976	7.62E-03	2.0E-03	1.05E-03	2.07E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
118	0.26886	7.62E-03	2.0E-03	1.05E-03	2.14E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03
119	0.27257	7.62E-03	2.1E-03	1.05E-03	2.17E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03
120	0.27206	7.62E-03	2.1E-03	1.05E-03	2.17E-06	8.61E-04	1.86E-09	1.0E+06	1.9E-03
121	0.26713	7.62E-03	2.0E-03	1.05E-03	2.13E-06	8.61E-04	1.83E-09	1.0E+06	1.8E-03
122	0.25851	7.62E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03
123	0.2471	7.62E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
124	0.23377	7.62E-03	1.8E-03	1.05E-03	1.86E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
125	0.08224	7.62E-03	6.3E-04	1.05E-03	6.55E-07	8.61E-04	5.64E-10	1.0E+06	5.6E-04
126	0.08777	7.62E-03	6.7E-04	1.05E-03	6.99E-07	8.61E-04	6.02E-10	1.0E+06	6.0E-04
127	0.09437	7.62E-03	7.2E-04	1.05E-03	7.51E-07	8.61E-04	6.47E-10	1.0E+06	6.5E-04
128	0.1486	7.62E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
129	0.15589	7.62E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
130	0.16318	7.62E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
131	0.17102	7.62E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
132	0.18037	7.62E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
133	0.19205	7.62E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
134	0.20632	7.62E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
135	0.22441	7.62E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03
136	0.24518	7.62E-03	1.9E-03	1.05E-03	1.95E-06	8.61E-04	1.68E-09	1.0E+06	1.7E-03
137	0.26693	7.62E-03	2.0E-03	1.05E-03	2.12E-06	8.61E-04	1.83E-09	1.0E+06	1.8E-03
138	0.28648	7.62E-03	2.2E-03	1.05E-03	2.28E-06	8.61E-04	1.96E-09	1.0E+06	2.0E-03
139	0.30384	7.62E-03	2.3E-03	1.05E-03	2.42E-06	8.61E-04	2.08E-09	1.0E+06	2.1E-03
140	0.31628	7.62E-03	2.4E-03	1.05E-03	2.52E-06	8.61E-04	2.17E-09	1.0E+06	2.2E-03
141	0.32215	7.62E-03	2.5E-03	1.05E-03	2.56E-06	8.61E-04	2.21E-09	1.0E+06	2.2E-03
142	0.32128	7.62E-03	2.4E-03	1.05E-03	2.56E-06	8.61E-04	2.20E-09	1.0E+06	2.2E-03
143	0.31434	7.62E-03	2.4E-03	1.05E-03	2.50E-06	8.61E-04	2.15E-09	1.0E+06	2.2E-03
144	0.30174	7.62E-03	2.3E-03	1.05E-03	2.40E-06	8.61E-04	2.07E-09	1.0E+06	2.1E-03
145	0.28626	7.62E-03	2.2E-03	1.05E-03	2.28E-06	8.61E-04	1.96E-09	1.0E+06	2.0E-03
146	0.26851	7.62E-03	2.0E-03	1.05E-03	2.14E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03
147	0.09103	7.62E-03	6.9E-04	1.05E-03	7.25E-07	8.61E-04	6.24E-10	1.0E+06	6.2E-04
148	0.09749	7.62E-03	7.4E-04	1.05E-03	7.76E-07	8.61E-04	6.68E-10	1.0E+06	6.7E-04
149	0.10563	7.62E-03	8.0E-04	1.05E-03	8.41E-07	8.61E-04	7.24E-10	1.0E+06	7.2E-04
150	0.17549	7.62E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
151	0.18545	7.62E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
152	0.19539	7.62E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
153	0.20617	7.62E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
154	0.21928	7.62E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03
155	0.2351	7.62E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
156	0.2562	7.62E-03	2.0E-03	1.05E-03	2.04E-06	8.61E-04	1.76E-09	1.0E+06	1.8E-03
157	0.28173	7.62E-03	2.1E-03	1.05E-03	2.24E-06	8.61E-04	1.93E-09	1.0E+06	1.9E-03
158	0.31016	7.62E-03	2.4E-03	1.05E-03	2.47E-06	8.61E-04	2.13E-09	1.0E+06	2.1E-03
159	0.33702	7.62E-03	2.6E-03	1.05E-03	2.68E-06	8.61E-04	2.31E-09	1.0E+06	2.3E-03
160	0.36055	7.62E-03	2.7E-03	1.05E-03	2.87E-06	8.61E-04	2.47E-09	1.0E+06	2.5E-03
161	0.37783	7.62E-03	2.9E-03	1.05E-03	3.01E-06	8.61E-04	2.59E-09	1.0E+06	2.6E-03
162	0.38605	7.62E-03	2.9E-03	1.05E-03	3.07E-06	8.61E-04	2.65E-09	1.0E+06	2.6E-03
163	0.38463	7.62E-03	2.9E-03	1.05E-03	3.06E-06	8.61E-04	2.64E-09	1.0E+06	2.6E-03
164	0.37463	7.62E-03	2.9E-03	1.05E-03	2.98E-06	8.61E-04	2.57E-09	1.0E+06	2.6E-03
165	0.35784	7.62E-03	2.7E-03	1.05E-03	2.85E-06	8.61E-04	2.45E-09	1.0E+06	2.5E-03
166	0.33639	7.62E-03	2.6E-03	1.05E-03	2.68E-06	8.61E-04	2.31E-09	1.0E+06	2.3E-03
167	0.31224	7.62E-03	2.4E-03	1.05E-03	2.49E-06	8.61E-04	2.14E-09	1.0E+06	2.1E-03
168	0.28708	7.62E-03	2.2E-03	1.05E-03	2.29E-06	8.61E-04	1.97E-09	1.0E+06	2.0E-03
169	0.10124	7.62E-03	7.7E-04	1.05E-03	8.06E-07	8.61E-04	6.94E-10	1.0E+06	6.9E-04
170	0.10895	7.62E-03	8.3E-04	1.05E-03	8.67E-07	8.61E-04	7.47E-10	1.0E+06	7.5E-04
171	0.11914	7.62E-03	9.1E-04	1.05E-03	9.48E-07	8.61E-04	8.17E-10	1.0E+06	8.2E-04
172	0.12685	7.62E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.69E-10	1.0E+06	8.7E-04
173	0.2107	7.62E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03
174	0.22478	7.62E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03
175	0.2388	7.62E-03	1.8E-03	1.05E-03	1.90E-06	8.61E-04	1.64E-09	1.0E+06	1.6E-03
176	0.25406	7.62E-03	1.9E-03	1.05E-03	2.02E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03
177	0.27287	7.62E-03	2.1E-03	1.05E-03	2.17E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03
178	0.29601	7.62E-03	2.3E-03	1.05E-03	2.36E-06	8.61E-04	2.03E-09	1.0E+06	2.0E-03
179	0.32718	7.62E-03	2.5E-03	1.05E-03	2.60E-06	8.61E-04	2.24E-09	1.0E+06	2.2E-03
180	0.36403	7.62E-03	2.8E-03	1.05E-03	2.90E-06	8.61E-04	2.49E-09	1.0E+06	2.5E-03
181	0.40166	7.62E-03	3.1E-03	1.05E-03	3.20E-06	8.61E-04	2.75E-09	1.0E+06	2.8E-03
182	0.43463	7.62E-03	3.3E-03	1.05E-03	3.46E-06	8.61E-04	2.98E-09	1.0E+06	3.0E-03
183	0.3998	7.62E-03	3.0E-03	1.05E-03	3.18E-06	8.61E-04	2.74E-09	1.0E+06	2.7E-03
184	0.36644	7.62E-03	2.8E-03	1.05E-03	2.92E-06	8.61E-04	2.51E-09	1.0E+06	2.5E-03
185	0.12239	7.62E-03	9.3E-04	1.05E-03	9.74E-07	8.61E-04	8.39E-10	1.0E+06	8.4E-04
186	0.13492	7.62E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.25E-10	1.0E+06	9.2E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
187	0.14494	7.62E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.93E-10	1.0E+06	9.9E-04
188	0.25793	7.62E-03	2.0E-03	1.05E-03	2.05E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03
189	0.27858	7.62E-03	2.1E-03	1.05E-03	2.22E-06	8.61E-04	1.91E-09	1.0E+06	1.9E-03
190	0.29913	7.62E-03	2.3E-03	1.05E-03	2.38E-06	8.61E-04	2.05E-09	1.0E+06	2.1E-03
191	0.32172	7.62E-03	2.4E-03	1.05E-03	2.56E-06	8.61E-04	2.20E-09	1.0E+06	2.2E-03
192	0.34856	7.62E-03	2.7E-03	1.05E-03	2.77E-06	8.61E-04	2.39E-09	1.0E+06	2.4E-03
193	0.38488	7.62E-03	2.9E-03	1.05E-03	3.06E-06	8.61E-04	2.64E-09	1.0E+06	2.6E-03
194	0.43242	7.62E-03	3.3E-03	1.05E-03	3.44E-06	8.61E-04	2.96E-09	1.0E+06	3.0E-03
195	0.48574	7.62E-03	3.7E-03	1.05E-03	3.87E-06	8.61E-04	3.33E-09	1.0E+06	3.3E-03
196	0.53593	7.62E-03	4.1E-03	1.05E-03	4.27E-06	8.61E-04	3.67E-09	1.0E+06	3.7E-03
197	0.573	7.62E-03	4.4E-03	1.05E-03	4.56E-06	8.61E-04	3.93E-09	1.0E+06	3.9E-03
198	0.15297	7.62E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03
199	0.16754	7.62E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03
200	0.17419	7.62E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
201	0.19431	7.62E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03
202	0.21409	7.62E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03
203	0.22507	7.62E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03
204	0.25605	7.62E-03	1.9E-03	1.05E-03	2.04E-06	8.61E-04	1.75E-09	1.0E+06	1.8E-03
205	0.28973	7.62E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03
206	0.30373	7.62E-03	2.3E-03	1.05E-03	2.42E-06	8.61E-04	2.08E-09	1.0E+06	2.1E-03
207	0.35386	7.62E-03	2.7E-03	1.05E-03	2.82E-06	8.61E-04	2.43E-09	1.0E+06	2.4E-03
208	0.41494	7.62E-03	3.2E-03	1.05E-03	3.30E-06	8.61E-04	2.84E-09	1.0E+06	2.8E-03
209	0.35878	7.62E-03	2.7E-03	1.05E-03	2.86E-06	8.61E-04	2.46E-09	1.0E+06	2.5E-03
210	0.43352	7.62E-03	3.3E-03	1.05E-03	3.45E-06	8.61E-04	2.97E-09	1.0E+06	3.0E-03
211	0.52411	7.62E-03	4.0E-03	1.05E-03	4.17E-06	8.61E-04	3.59E-09	1.0E+06	3.6E-03
212	0.52495	7.62E-03	4.0E-03	1.05E-03	4.18E-06	8.61E-04	3.60E-09	1.0E+06	3.6E-03
213	0.6692	7.62E-03	5.1E-03	1.05E-03	5.33E-06	8.61E-04	4.59E-09	1.0E+06	4.6E-03
214	0.85669	7.62E-03	6.5E-03	1.05E-03	6.82E-06	8.61E-04	5.87E-09	1.0E+06	5.9E-03
215	0.63092	7.62E-03	4.8E-03	1.05E-03	5.02E-06	8.61E-04	4.32E-09	1.0E+06	4.3E-03
216	0.83646	7.62E-03	6.4E-03	1.05E-03	6.66E-06	8.61E-04	5.73E-09	1.0E+06	5.7E-03
217	1.13108	7.62E-03	8.6E-03	1.05E-03	9.00E-06	8.61E-04	7.75E-09	1.0E+06	7.8E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
218	1.48043	7.62E-03	1.1E-02	1.05E-03	1.18E-05	8.61E-04	1.01E-08	1.0E+06	1.0E-02
219	2.31605	7.62E-03	1.8E-02	1.05E-03	1.84E-05	8.61E-04	1.59E-08	1.0E+06	1.6E-02
220	1.85504	7.62E-03	1.4E-02	1.05E-03	1.48E-05	8.61E-04	1.27E-08	1.0E+06	1.3E-02
221	2.96399	7.62E-03	2.3E-02	1.05E-03	2.36E-05	8.61E-04	2.03E-08	1.0E+06	2.0E-02
222	2.0757	7.62E-03	1.6E-02	1.05E-03	1.65E-05	8.61E-04	1.42E-08	1.0E+06	1.4E-02
223	3.19919	7.62E-03	2.4E-02	1.05E-03	2.55E-05	8.61E-04	2.19E-08	1.0E+06	2.2E-02
224	5.32338	7.62E-03	4.1E-02	1.05E-03	4.24E-05	8.61E-04	3.65E-08	1.0E+06	3.6E-02
225	2.85376	7.62E-03	2.2E-02	1.05E-03	2.27E-05	8.61E-04	1.96E-08	1.0E+06	2.0E-02
226	4.01652	7.62E-03	3.1E-02	1.05E-03	3.20E-05	8.61E-04	2.75E-08	1.0E+06	2.8E-02
227	0.1244	7.62E-03	9.5E-04	1.05E-03	9.90E-07	8.61E-04	8.53E-10	1.0E+06	8.5E-04
228	0.11086	7.62E-03	8.4E-04	1.05E-03	8.82E-07	8.61E-04	7.60E-10	1.0E+06	7.6E-04
229	0.0995	7.62E-03	7.6E-04	1.05E-03	7.92E-07	8.61E-04	6.82E-10	1.0E+06	6.8E-04
230	0.08989	7.62E-03	6.8E-04	1.05E-03	7.15E-07	8.61E-04	6.16E-10	1.0E+06	6.2E-04
231	0.1142	7.62E-03	8.7E-04	1.05E-03	9.09E-07	8.61E-04	7.83E-10	1.0E+06	7.8E-04
232	0.10234	7.62E-03	7.8E-04	1.05E-03	8.15E-07	8.61E-04	7.01E-10	1.0E+06	7.0E-04
233	0.09232	7.62E-03	7.0E-04	1.05E-03	7.35E-07	8.61E-04	6.33E-10	1.0E+06	6.3E-04
234	0.08376	7.62E-03	6.4E-04	1.05E-03	6.67E-07	8.61E-04	5.74E-10	1.0E+06	5.7E-04
235	0.10529	7.62E-03	8.0E-04	1.05E-03	8.38E-07	8.61E-04	7.22E-10	1.0E+06	7.2E-04
236	0.09494	7.62E-03	7.2E-04	1.05E-03	7.56E-07	8.61E-04	6.51E-10	1.0E+06	6.5E-04
237	0.08607	7.62E-03	6.6E-04	1.05E-03	6.85E-07	8.61E-04	5.90E-10	1.0E+06	5.9E-04
238	0.07843	7.62E-03	6.0E-04	1.05E-03	6.24E-07	8.61E-04	5.38E-10	1.0E+06	5.4E-04
239	0.86506	7.62E-03	6.6E-03	1.05E-03	6.89E-06	8.61E-04	5.93E-09	1.0E+06	5.9E-03
240	0.74118	7.62E-03	5.6E-03	1.05E-03	5.90E-06	8.61E-04	5.08E-09	1.0E+06	5.1E-03
241	0.64195	7.62E-03	4.9E-03	1.05E-03	5.11E-06	8.61E-04	4.40E-09	1.0E+06	4.4E-03
242	0.56124	7.62E-03	4.3E-03	1.05E-03	4.47E-06	8.61E-04	3.85E-09	1.0E+06	3.8E-03
243	0.75935	7.62E-03	5.8E-03	1.05E-03	6.04E-06	8.61E-04	5.20E-09	1.0E+06	5.2E-03
244	0.65766	7.62E-03	5.0E-03	1.05E-03	5.23E-06	8.61E-04	4.51E-09	1.0E+06	4.5E-03
245	0.57482	7.62E-03	4.4E-03	1.05E-03	4.58E-06	8.61E-04	3.94E-09	1.0E+06	3.9E-03
246	0.50646	7.62E-03	3.9E-03	1.05E-03	4.03E-06	8.61E-04	3.47E-09	1.0E+06	3.5E-03
247	0.67159	7.62E-03	5.1E-03	1.05E-03	5.35E-06	8.61E-04	4.60E-09	1.0E+06	4.6E-03
248	0.5874	7.62E-03	4.5E-03	1.05E-03	4.68E-06	8.61E-04	4.03E-09	1.0E+06	4.0E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
249	0.51769	7.62E-03	3.9E-03	1.05E-03	4.12E-06	8.61E-04	3.55E-09	1.0E+06	3.5E-03
250	0.4593	7.62E-03	3.5E-03	1.05E-03	3.66E-06	8.61E-04	3.15E-09	1.0E+06	3.1E-03
251	0.26849	7.62E-03	2.0E-03	1.05E-03	2.14E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03
252	0.2467	7.62E-03	1.9E-03	1.05E-03	1.96E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
253	0.32264	7.62E-03	2.5E-03	1.05E-03	2.57E-06	8.61E-04	2.21E-09	1.0E+06	2.2E-03
254	0.29511	7.62E-03	2.2E-03	1.05E-03	2.35E-06	8.61E-04	2.02E-09	1.0E+06	2.0E-03
255	0.24916	7.62E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03
256	0.2299	7.62E-03	1.8E-03	1.05E-03	1.83E-06	8.61E-04	1.58E-09	1.0E+06	1.6E-03
257	0.18366	7.62E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03
258	0.29564	7.62E-03	2.3E-03	1.05E-03	2.35E-06	8.61E-04	2.03E-09	1.0E+06	2.0E-03
259	0.27177	7.62E-03	2.1E-03	1.05E-03	2.16E-06	8.61E-04	1.86E-09	1.0E+06	1.9E-03
260	0.25044	7.62E-03	1.9E-03	1.05E-03	1.99E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03
261	0.23145	7.62E-03	1.8E-03	1.05E-03	1.84E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03
262	0.21444	7.62E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03
263	0.17309	7.62E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
264	0.25066	7.62E-03	1.9E-03	1.05E-03	2.00E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03
265	0.23203	7.62E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03
266	0.21527	7.62E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03
267	0.20018	7.62E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03
268	0.16325	7.62E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
269	0.23768	7.62E-03	1.8E-03	1.05E-03	1.89E-06	8.61E-04	1.63E-09	1.0E+06	1.6E-03
270	0.20554	7.62E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
271	0.17934	7.62E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
272	0.15777	7.62E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
273	0.13987	7.62E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.59E-10	1.0E+06	9.6E-04
274	0.12489	7.62E-03	9.5E-04	1.05E-03	9.94E-07	8.61E-04	8.56E-10	1.0E+06	8.6E-04
275	0.11219	7.62E-03	8.5E-04	1.05E-03	8.93E-07	8.61E-04	7.69E-10	1.0E+06	7.7E-04
276	0.21786	7.62E-03	1.7E-03	1.05E-03	1.73E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03
277	0.1886	7.62E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
278	0.16485	7.62E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
279	0.14536	7.62E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.96E-10	1.0E+06	1.0E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.1292	7.62E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.85E-10	1.0E+06	8.9E-04
281	0.11568	7.62E-03	8.8E-04	1.05E-03	9.21E-07	8.61E-04	7.93E-10	1.0E+06	7.9E-04
282	0.10425	7.62E-03	7.9E-04	1.05E-03	8.30E-07	8.61E-04	7.14E-10	1.0E+06	7.1E-04
283	0.19733	7.62E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.4E-03
284	0.17147	7.62E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
285	0.15046	7.62E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
286	0.13319	7.62E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.13E-10	1.0E+06	9.1E-04
287	0.11883	7.62E-03	9.0E-04	1.05E-03	9.46E-07	8.61E-04	8.14E-10	1.0E+06	8.1E-04
288	0.10679	7.62E-03	8.1E-04	1.05E-03	8.50E-07	8.61E-04	7.32E-10	1.0E+06	7.3E-04
289	0.09658	7.62E-03	7.4E-04	1.05E-03	7.69E-07	8.61E-04	6.62E-10	1.0E+06	6.6E-04
290	0.17745	7.62E-03	1.4E-03	1.05E-03	1.41E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03
291	0.15505	7.62E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
292	0.13677	7.62E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.37E-10	1.0E+06	9.4E-04
293	0.12166	7.62E-03	9.3E-04	1.05E-03	9.68E-07	8.61E-04	8.34E-10	1.0E+06	8.3E-04
294	0.10904	7.62E-03	8.3E-04	1.05E-03	8.68E-07	8.61E-04	7.47E-10	1.0E+06	7.5E-04
295	0.0984	7.62E-03	7.5E-04	1.05E-03	7.83E-07	8.61E-04	6.74E-10	1.0E+06	6.7E-04
296	0.08935	7.62E-03	6.8E-04	1.05E-03	7.11E-07	8.61E-04	6.12E-10	1.0E+06	6.1E-04
297	0.15911	7.62E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
298	0.13993	7.62E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.59E-10	1.0E+06	9.6E-04
299	0.12416	7.62E-03	9.5E-04	1.05E-03	9.88E-07	8.61E-04	8.51E-10	1.0E+06	8.5E-04
300	0.11104	7.62E-03	8.5E-04	1.05E-03	8.84E-07	8.61E-04	7.61E-10	1.0E+06	7.6E-04
301	0.10001	7.62E-03	7.6E-04	1.05E-03	7.96E-07	8.61E-04	6.85E-10	1.0E+06	6.9E-04
302	0.09065	7.62E-03	6.9E-04	1.05E-03	7.22E-07	8.61E-04	6.21E-10	1.0E+06	6.2E-04
303	0.08264	7.62E-03	6.3E-04	1.05E-03	6.58E-07	8.61E-04	5.66E-10	1.0E+06	5.7E-04
304	0.14274	7.62E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.78E-10	1.0E+06	9.8E-04
305	0.12639	7.62E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.66E-10	1.0E+06	8.7E-04
306	0.11282	7.62E-03	8.6E-04	1.05E-03	8.98E-07	8.61E-04	7.73E-10	1.0E+06	7.7E-04
307	0.10144	7.62E-03	7.7E-04	1.05E-03	8.07E-07	8.61E-04	6.95E-10	1.0E+06	7.0E-04
308	0.09181	7.62E-03	7.0E-04	1.05E-03	7.31E-07	8.61E-04	6.29E-10	1.0E+06	6.3E-04
309	0.08359	7.62E-03	6.4E-04	1.05E-03	6.65E-07	8.61E-04	5.73E-10	1.0E+06	5.7E-04
310	0.07651	7.62E-03	5.8E-04	1.05E-03	6.09E-07	8.61E-04	5.24E-10	1.0E+06	5.2E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.12858	7.62E-03	9.8E-04	1.05E-03	1.02E-06	8.61E-04	8.81E-10	1.0E+06	8.8E-04
312	0.11456	7.62E-03	8.7E-04	1.05E-03	9.12E-07	8.61E-04	7.85E-10	1.0E+06	7.9E-04
313	0.10285	7.62E-03	7.8E-04	1.05E-03	8.19E-07	8.61E-04	7.05E-10	1.0E+06	7.0E-04
314	0.09295	7.62E-03	7.1E-04	1.05E-03	7.40E-07	8.61E-04	6.37E-10	1.0E+06	6.4E-04
315	0.08451	7.62E-03	6.4E-04	1.05E-03	6.73E-07	8.61E-04	5.79E-10	1.0E+06	5.8E-04
316	0.07726	7.62E-03	5.9E-04	1.05E-03	6.15E-07	8.61E-04	5.30E-10	1.0E+06	5.3E-04
317	0.07098	7.62E-03	5.4E-04	1.05E-03	5.65E-07	8.61E-04	4.86E-10	1.0E+06	4.9E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Grading Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	8.10E-05
2	5	8.56E-05
3	5	9.00E-05
4	5	1.14E-04
5	5	1.18E-04
6	5	1.21E-04
7	5	1.24E-04
8	5	1.28E-04
9	5	1.31E-04
10	5	1.36E-04
11	5	1.41E-04
12	5	1.48E-04
13	5	1.56E-04
14	5	1.65E-04
15	5	1.75E-04
16	5	1.86E-04
17	5	1.96E-04
18	5	2.08E-04
19	5	2.18E-04
20	5	2.27E-04
21	5	2.34E-04
22	5	2.39E-04
23	5	2.42E-04
24	5	2.42E-04
25	5	2.40E-04
26	5	8.78E-05
27	5	9.28E-05
28	5	9.78E-05
29	5	1.28E-04
30	5	1.32E-04
31	5	1.36E-04

Max	Receptor #
0.008	224

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	1.40E-04
33	5	1.44E-04
34	5	1.49E-04
35	5	1.54E-04
36	5	1.61E-04
37	5	1.70E-04
38	5	1.80E-04
39	5	1.91E-04
40	5	2.04E-04
41	5	2.17E-04
42	5	2.30E-04
43	5	2.43E-04
44	5	2.55E-04
45	5	2.64E-04
46	5	2.70E-04
47	5	2.73E-04
48	5	2.73E-04
49	5	2.70E-04
50	5	2.64E-04
51	5	9.53E-05
52	5	1.01E-04
53	5	1.07E-04
54	5	1.43E-04
55	5	1.48E-04
56	5	1.54E-04
57	5	1.59E-04
58	5	1.64E-04
59	5	1.70E-04
60	5	1.77E-04
61	5	1.86E-04
62	5	1.97E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	2.10E-04
64	5	2.25E-04
65	5	2.41E-04
66	5	2.57E-04
67	5	2.73E-04
68	5	2.87E-04
69	5	2.99E-04
70	5	3.07E-04
71	5	3.10E-04
72	5	3.10E-04
73	5	3.06E-04
74	5	2.99E-04
75	5	2.89E-04
76	5	1.04E-04
77	5	1.10E-04
78	5	1.17E-04
79	5	1.62E-04
80	5	1.69E-04
81	5	1.75E-04
82	5	1.82E-04
83	5	1.89E-04
84	5	1.97E-04
85	5	2.06E-04
86	5	2.18E-04
87	5	2.32E-04
88	5	2.50E-04
89	5	2.69E-04
90	5	2.90E-04
91	5	3.08E-04
92	5	3.27E-04
93	5	3.42E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	3.52E-04
95	5	3.57E-04
96	5	3.56E-04
97	5	3.51E-04
98	5	3.41E-04
99	5	3.28E-04
100	5	3.13E-04
101	5	1.14E-04
102	5	1.21E-04
103	5	1.29E-04
104	5	1.86E-04
105	5	1.94E-04
106	5	2.03E-04
107	5	2.11E-04
108	5	2.20E-04
109	5	2.30E-04
110	5	2.44E-04
111	5	2.59E-04
112	5	2.79E-04
113	5	3.02E-04
114	5	3.28E-04
115	5	3.53E-04
116	5	3.75E-04
117	5	3.96E-04
118	5	4.09E-04
119	5	4.15E-04
120	5	4.14E-04
121	5	4.07E-04
122	5	3.94E-04
123	5	3.76E-04
124	5	3.56E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.25E-04
126	5	1.34E-04
127	5	1.44E-04
128	5	2.26E-04
129	5	2.37E-04
130	5	2.49E-04
131	5	2.60E-04
132	5	2.75E-04
133	5	2.93E-04
134	5	3.14E-04
135	5	3.42E-04
136	5	3.73E-04
137	5	4.07E-04
138	5	4.36E-04
139	5	4.63E-04
140	5	4.82E-04
141	5	4.91E-04
142	5	4.89E-04
143	5	4.79E-04
144	5	4.60E-04
145	5	4.36E-04
146	5	4.09E-04
147	5	1.39E-04
148	5	1.48E-04
149	5	1.61E-04
150	5	2.67E-04
151	5	2.82E-04
152	5	2.98E-04
153	5	3.14E-04
154	5	3.34E-04
155	5	3.58E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	3.90E-04
157	5	4.29E-04
158	5	4.72E-04
159	5	5.13E-04
160	5	5.49E-04
161	5	5.75E-04
162	5	5.88E-04
163	5	5.86E-04
164	5	5.71E-04
165	5	5.45E-04
166	5	5.12E-04
167	5	4.76E-04
168	5	4.37E-04
169	5	1.54E-04
170	5	1.66E-04
171	5	1.81E-04
172	5	1.93E-04
173	5	3.21E-04
174	5	3.42E-04
175	5	3.64E-04
176	5	3.87E-04
177	5	4.16E-04
178	5	4.51E-04
179	5	4.98E-04
180	5	5.54E-04
181	5	6.12E-04
182	5	6.62E-04
183	5	6.09E-04
184	5	5.58E-04
185	5	1.86E-04
186	5	2.05E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	2.21E-04
188	5	3.93E-04
189	5	4.24E-04
190	5	4.56E-04
191	5	4.90E-04
192	5	5.31E-04
193	5	5.86E-04
194	5	6.59E-04
195	5	7.40E-04
196	5	8.16E-04
197	5	8.73E-04
198	5	2.33E-04
199	5	2.55E-04
200	5	2.65E-04
201	5	2.96E-04
202	5	3.26E-04
203	5	3.43E-04
204	5	3.90E-04
205	5	4.41E-04
206	5	4.63E-04
207	5	5.39E-04
208	5	6.32E-04
209	5	5.46E-04
210	5	6.60E-04
211	5	7.98E-04
212	5	8.00E-04
213	5	1.02E-03
214	5	1.30E-03
215	5	9.61E-04
216	5	1.27E-03
217	5	1.72E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	2.25E-03
219	5	3.53E-03
220	5	2.83E-03
221	5	4.51E-03
222	5	3.16E-03
223	5	4.87E-03
224	5	8.11E-03
225	5	4.35E-03
226	5	6.12E-03
227	5	1.89E-04
228	5	1.69E-04
229	5	1.52E-04
230	5	1.37E-04
231	5	1.74E-04
232	5	1.56E-04
233	5	1.41E-04
234	5	1.28E-04
235	5	1.60E-04
236	5	1.45E-04
237	5	1.31E-04
238	5	1.19E-04
239	5	1.32E-03
240	5	1.13E-03
241	5	9.78E-04
242	5	8.55E-04
243	5	1.16E-03
244	5	1.00E-03
245	5	8.75E-04
246	5	7.71E-04
247	5	1.02E-03
248	5	8.95E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	7.88E-04
250	5	7.00E-04
251	5	4.09E-04
252	5	3.76E-04
253	5	4.91E-04
254	5	4.49E-04
255	5	3.79E-04
256	5	3.50E-04
257	5	2.80E-04
258	5	4.50E-04
259	5	4.14E-04
260	5	3.81E-04
261	5	3.53E-04
262	5	3.27E-04
263	5	2.64E-04
264	5	3.82E-04
265	5	3.53E-04
266	5	3.28E-04
267	5	3.05E-04
268	5	2.49E-04
269	5	3.62E-04
270	5	3.13E-04
271	5	2.73E-04
272	5	2.40E-04
273	5	2.13E-04
274	5	1.90E-04
275	5	1.71E-04
276	5	3.32E-04
277	5	2.87E-04
278	5	2.51E-04
279	5	2.21E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	1.97E-04
281	5	1.76E-04
282	5	1.59E-04
283	5	3.01E-04
284	5	2.61E-04
285	5	2.29E-04
286	5	2.03E-04
287	5	1.81E-04
288	5	1.63E-04
289	5	1.47E-04
290	5	2.70E-04
291	5	2.36E-04
292	5	2.08E-04
293	5	1.85E-04
294	5	1.66E-04
295	5	1.50E-04
296	5	1.36E-04
297	5	2.42E-04
298	5	2.13E-04
299	5	1.89E-04
300	5	1.69E-04
301	5	1.52E-04
302	5	1.38E-04
303	5	1.26E-04
304	5	2.17E-04
305	5	1.92E-04
306	5	1.72E-04
307	5	1.54E-04
308	5	1.40E-04
309	5	1.27E-04
310	5	1.17E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	1.96E-04
312	5	1.74E-04
313	5	1.57E-04
314	5	1.42E-04
315	5	1.29E-04
316	5	1.18E-04
317	5	1.08E-04



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Parcel 1-F: Unmitigated - Parcel 1 - Building Construction Risk

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05296	6.48E-03	3.4E-04	1.05E-03	3.59E-07	8.61E-04	3.09E-10	1.0E+06	3.1E-04
2	0.05711	6.48E-03	3.7E-04	1.05E-03	3.87E-07	8.61E-04	3.33E-10	1.0E+06	3.3E-04
3	0.05926	6.48E-03	3.8E-04	1.05E-03	4.02E-07	8.61E-04	3.46E-10	1.0E+06	3.5E-04
4	0.07524	6.48E-03	4.9E-04	1.05E-03	5.10E-07	8.61E-04	4.39E-10	1.0E+06	4.4E-04
5	0.07742	6.48E-03	5.0E-04	1.05E-03	5.25E-07	8.61E-04	4.52E-10	1.0E+06	4.5E-04
6	0.07953	6.48E-03	5.2E-04	1.05E-03	5.39E-07	8.61E-04	4.64E-10	1.0E+06	4.6E-04
7	0.08164	6.48E-03	5.3E-04	1.05E-03	5.53E-07	8.61E-04	4.76E-10	1.0E+06	4.8E-04
8	0.08388	6.48E-03	5.4E-04	1.05E-03	5.68E-07	8.61E-04	4.89E-10	1.0E+06	4.9E-04
9	0.08638	6.48E-03	5.6E-04	1.05E-03	5.85E-07	8.61E-04	5.04E-10	1.0E+06	5.0E-04
10	0.08932	6.48E-03	5.8E-04	1.05E-03	6.05E-07	8.61E-04	5.21E-10	1.0E+06	5.2E-04
11	0.09289	6.48E-03	6.0E-04	1.05E-03	6.29E-07	8.61E-04	5.42E-10	1.0E+06	5.4E-04
12	0.09727	6.48E-03	6.3E-04	1.05E-03	6.59E-07	8.61E-04	5.67E-10	1.0E+06	5.7E-04
13	0.10258	6.48E-03	6.6E-04	1.05E-03	6.95E-07	8.61E-04	5.98E-10	1.0E+06	6.0E-04
14	0.10834	6.48E-03	7.0E-04	1.05E-03	7.34E-07	8.61E-04	6.32E-10	1.0E+06	6.3E-04
15	0.11486	6.48E-03	7.4E-04	1.05E-03	7.78E-07	8.61E-04	6.70E-10	1.0E+06	6.7E-04
16	0.1215	6.48E-03	7.9E-04	1.05E-03	8.23E-07	8.61E-04	7.09E-10	1.0E+06	7.1E-04
17	0.12867	6.48E-03	8.3E-04	1.05E-03	8.72E-07	8.61E-04	7.51E-10	1.0E+06	7.5E-04
18	0.1362	6.48E-03	8.8E-04	1.05E-03	9.23E-07	8.61E-04	7.95E-10	1.0E+06	7.9E-04
19	0.1432	6.48E-03	9.3E-04	1.05E-03	9.70E-07	8.61E-04	8.35E-10	1.0E+06	8.4E-04
20	0.14927	6.48E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.71E-10	1.0E+06	8.7E-04
21	0.15409	6.48E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.99E-10	1.0E+06	9.0E-04
22	0.15742	6.48E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.18E-10	1.0E+06	9.2E-04
23	0.15914	6.48E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.28E-10	1.0E+06	9.3E-04
24	0.15925	6.48E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.29E-10	1.0E+06	9.3E-04
25	0.15783	6.48E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.21E-10	1.0E+06	9.2E-04
26	0.05724	6.48E-03	3.7E-04	1.05E-03	3.88E-07	8.61E-04	3.34E-10	1.0E+06	3.3E-04
27	0.06185	6.48E-03	4.0E-04	1.05E-03	4.19E-07	8.61E-04	3.61E-10	1.0E+06	3.6E-04
28	0.06439	6.48E-03	4.2E-04	1.05E-03	4.36E-07	8.61E-04	3.76E-10	1.0E+06	3.8E-04
29	0.08388	6.48E-03	5.4E-04	1.05E-03	5.68E-07	8.61E-04	4.89E-10	1.0E+06	4.9E-04
30	0.08659	6.48E-03	5.6E-04	1.05E-03	5.87E-07	8.61E-04	5.05E-10	1.0E+06	5.1E-04
31	0.0892	6.48E-03	5.8E-04	1.05E-03	6.04E-07	8.61E-04	5.20E-10	1.0E+06	5.2E-04

<b>Max</b>	<b>Receptor #</b>
0.032	224

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.09182	6.48E-03	6.0E-04	1.05E-03	6.22E-07	8.61E-04	5.36E-10	1.0E+06	5.4E-04
33	0.09458	6.48E-03	6.1E-04	1.05E-03	6.41E-07	8.61E-04	5.52E-10	1.0E+06	5.5E-04
34	0.0977	6.48E-03	6.3E-04	1.05E-03	6.62E-07	8.61E-04	5.70E-10	1.0E+06	5.7E-04
35	0.10141	6.48E-03	6.6E-04	1.05E-03	6.87E-07	8.61E-04	5.92E-10	1.0E+06	5.9E-04
36	0.10597	6.48E-03	6.9E-04	1.05E-03	7.18E-07	8.61E-04	6.18E-10	1.0E+06	6.2E-04
37	0.11169	6.48E-03	7.2E-04	1.05E-03	7.57E-07	8.61E-04	6.52E-10	1.0E+06	6.5E-04
38	0.11808	6.48E-03	7.7E-04	1.05E-03	8.00E-07	8.61E-04	6.89E-10	1.0E+06	6.9E-04
39	0.12562	6.48E-03	8.1E-04	1.05E-03	8.51E-07	8.61E-04	7.33E-10	1.0E+06	7.3E-04
40	0.13382	6.48E-03	8.7E-04	1.05E-03	9.07E-07	8.61E-04	7.81E-10	1.0E+06	7.8E-04
41	0.14205	6.48E-03	9.2E-04	1.05E-03	9.62E-07	8.61E-04	8.29E-10	1.0E+06	8.3E-04
42	0.15137	6.48E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.83E-10	1.0E+06	8.8E-04
43	0.15952	6.48E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.31E-10	1.0E+06	9.3E-04
44	0.16713	6.48E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.75E-10	1.0E+06	9.8E-04
45	0.17318	6.48E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
46	0.17735	6.48E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
47	0.17947	6.48E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03
48	0.17952	6.48E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03
49	0.17762	6.48E-03	1.2E-03	1.05E-03	1.20E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
50	0.17399	6.48E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
51	0.06214	6.48E-03	4.0E-04	1.05E-03	4.21E-07	8.61E-04	3.63E-10	1.0E+06	3.6E-04
52	0.06718	6.48E-03	4.4E-04	1.05E-03	4.55E-07	8.61E-04	3.92E-10	1.0E+06	3.9E-04
53	0.07029	6.48E-03	4.6E-04	1.05E-03	4.76E-07	8.61E-04	4.10E-10	1.0E+06	4.1E-04
54	0.09423	6.48E-03	6.1E-04	1.05E-03	6.38E-07	8.61E-04	5.50E-10	1.0E+06	5.5E-04
55	0.09764	6.48E-03	6.3E-04	1.05E-03	6.62E-07	8.61E-04	5.70E-10	1.0E+06	5.7E-04
56	0.10091	6.48E-03	6.5E-04	1.05E-03	6.84E-07	8.61E-04	5.89E-10	1.0E+06	5.9E-04
57	0.10419	6.48E-03	6.8E-04	1.05E-03	7.06E-07	8.61E-04	6.08E-10	1.0E+06	6.1E-04
58	0.10766	6.48E-03	7.0E-04	1.05E-03	7.29E-07	8.61E-04	6.28E-10	1.0E+06	6.3E-04
59	0.11162	6.48E-03	7.2E-04	1.05E-03	7.56E-07	8.61E-04	6.51E-10	1.0E+06	6.5E-04
60	0.11641	6.48E-03	7.5E-04	1.05E-03	7.89E-07	8.61E-04	6.79E-10	1.0E+06	6.8E-04
61	0.12236	6.48E-03	7.9E-04	1.05E-03	8.29E-07	8.61E-04	7.14E-10	1.0E+06	7.1E-04
62	0.12987	6.48E-03	8.4E-04	1.05E-03	8.80E-07	8.61E-04	7.58E-10	1.0E+06	7.6E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
63	0.13803	6.48E-03	8.9E-04	1.05E-03	9.35E-07	8.61E-04	8.05E-10	1.0E+06	8.1E-04
64	0.14772	6.48E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.62E-10	1.0E+06	8.6E-04
65	0.15809	6.48E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.22E-10	1.0E+06	9.2E-04
66	0.16839	6.48E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.82E-10	1.0E+06	9.8E-04
67	0.17951	6.48E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03
68	0.18937	6.48E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
69	0.19623	6.48E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
70	0.20159	6.48E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
71	0.20424	6.48E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
72	0.20419	6.48E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
73	0.20163	6.48E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
74	0.19686	6.48E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03
75	0.19029	6.48E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
76	0.06778	6.48E-03	4.4E-04	1.05E-03	4.59E-07	8.61E-04	3.95E-10	1.0E+06	4.0E-04
77	0.07329	6.48E-03	4.8E-04	1.05E-03	4.97E-07	8.61E-04	4.28E-10	1.0E+06	4.3E-04
78	0.07716	6.48E-03	5.0E-04	1.05E-03	5.23E-07	8.61E-04	4.50E-10	1.0E+06	4.5E-04
79	0.10675	6.48E-03	6.9E-04	1.05E-03	7.23E-07	8.61E-04	6.23E-10	1.0E+06	6.2E-04
80	0.11111	6.48E-03	7.2E-04	1.05E-03	7.53E-07	8.61E-04	6.48E-10	1.0E+06	6.5E-04
81	0.11528	6.48E-03	7.5E-04	1.05E-03	7.81E-07	8.61E-04	6.73E-10	1.0E+06	6.7E-04
82	0.11945	6.48E-03	7.7E-04	1.05E-03	8.09E-07	8.61E-04	6.97E-10	1.0E+06	7.0E-04
83	0.1239	6.48E-03	8.0E-04	1.05E-03	8.40E-07	8.61E-04	7.23E-10	1.0E+06	7.2E-04
84	0.12903	6.48E-03	8.4E-04	1.05E-03	8.74E-07	8.61E-04	7.53E-10	1.0E+06	7.5E-04
85	0.13534	6.48E-03	8.8E-04	1.05E-03	9.17E-07	8.61E-04	7.90E-10	1.0E+06	7.9E-04
86	0.14344	6.48E-03	9.3E-04	1.05E-03	9.72E-07	8.61E-04	8.37E-10	1.0E+06	8.4E-04
87	0.15256	6.48E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.90E-10	1.0E+06	8.9E-04
88	0.16385	6.48E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.56E-10	1.0E+06	9.6E-04
89	0.17645	6.48E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
90	0.18926	6.48E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
91	0.20259	6.48E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
92	0.21519	6.48E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03
93	0.22554	6.48E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.23273	6.48E-03	1.5E-03	1.05E-03	1.58E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03
95	0.23632	6.48E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
96	0.23623	6.48E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
97	0.23275	6.48E-03	1.5E-03	1.05E-03	1.58E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03
98	0.22477	6.48E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
99	0.21616	6.48E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03
100	0.2059	6.48E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
101	0.0743	6.48E-03	4.8E-04	1.05E-03	5.03E-07	8.61E-04	4.33E-10	1.0E+06	4.3E-04
102	0.08029	6.48E-03	5.2E-04	1.05E-03	5.44E-07	8.61E-04	4.68E-10	1.0E+06	4.7E-04
103	0.0852	6.48E-03	5.5E-04	1.05E-03	5.77E-07	8.61E-04	4.97E-10	1.0E+06	5.0E-04
104	0.1221	6.48E-03	7.9E-04	1.05E-03	8.27E-07	8.61E-04	7.12E-10	1.0E+06	7.1E-04
105	0.12777	6.48E-03	8.3E-04	1.05E-03	8.66E-07	8.61E-04	7.45E-10	1.0E+06	7.5E-04
106	0.13321	6.48E-03	8.6E-04	1.05E-03	9.03E-07	8.61E-04	7.77E-10	1.0E+06	7.8E-04
107	0.13862	6.48E-03	9.0E-04	1.05E-03	9.39E-07	8.61E-04	8.09E-10	1.0E+06	8.1E-04
108	0.14443	6.48E-03	9.4E-04	1.05E-03	9.79E-07	8.61E-04	8.43E-10	1.0E+06	8.4E-04
109	0.15121	6.48E-03	9.8E-04	1.05E-03	1.02E-06	8.61E-04	8.82E-10	1.0E+06	8.8E-04
110	0.15976	6.48E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.32E-10	1.0E+06	9.3E-04
111	0.16995	6.48E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.92E-10	1.0E+06	9.9E-04
112	0.18282	6.48E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
113	0.19797	6.48E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.15E-09	1.0E+06	1.2E-03
114	0.21434	6.48E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.3E-03
115	0.2302	6.48E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
116	0.24669	6.48E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03
117	0.26044	6.48E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
118	0.27005	6.48E-03	1.8E-03	1.05E-03	1.83E-06	8.61E-04	1.58E-09	1.0E+06	1.6E-03
119	0.27481	6.48E-03	1.8E-03	1.05E-03	1.86E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03
120	0.27459	6.48E-03	1.8E-03	1.05E-03	1.86E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03
121	0.26979	6.48E-03	1.7E-03	1.05E-03	1.83E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03
122	0.26116	6.48E-03	1.7E-03	1.05E-03	1.77E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
123	0.24962	6.48E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
124	0.23608	6.48E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
125	0.08193	6.48E-03	5.3E-04	1.05E-03	5.55E-07	8.61E-04	4.78E-10	1.0E+06	4.8E-04
126	0.08856	6.48E-03	5.7E-04	1.05E-03	6.00E-07	8.61E-04	5.17E-10	1.0E+06	5.2E-04
127	0.09458	6.48E-03	6.1E-04	1.05E-03	6.41E-07	8.61E-04	5.52E-10	1.0E+06	5.5E-04
128	0.14872	6.48E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.68E-10	1.0E+06	8.7E-04
129	0.15596	6.48E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.10E-10	1.0E+06	9.1E-04
130	0.16316	6.48E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.52E-10	1.0E+06	9.5E-04
131	0.17089	6.48E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.97E-10	1.0E+06	1.0E-03
132	0.18008	6.48E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03
133	0.19206	6.48E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
134	0.20582	6.48E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
135	0.22366	6.48E-03	1.4E-03	1.05E-03	1.52E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
136	0.24414	6.48E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03
137	0.26531	6.48E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.5E-03
138	0.2857	6.48E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03
139	0.30429	6.48E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
140	0.31746	6.48E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.9E-03
141	0.32396	6.48E-03	2.1E-03	1.05E-03	2.20E-06	8.61E-04	1.89E-09	1.0E+06	1.9E-03
142	0.32352	6.48E-03	2.1E-03	1.05E-03	2.19E-06	8.61E-04	1.89E-09	1.0E+06	1.9E-03
143	0.31679	6.48E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.8E-03
144	0.30489	6.48E-03	2.0E-03	1.05E-03	2.07E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
145	0.28922	6.48E-03	1.9E-03	1.05E-03	1.96E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
146	0.27118	6.48E-03	1.8E-03	1.05E-03	1.84E-06	8.61E-04	1.58E-09	1.0E+06	1.6E-03
147	0.09084	6.48E-03	5.9E-04	1.05E-03	6.15E-07	8.61E-04	5.30E-10	1.0E+06	5.3E-04
148	0.09811	6.48E-03	6.4E-04	1.05E-03	6.65E-07	8.61E-04	5.72E-10	1.0E+06	5.7E-04
149	0.10586	6.48E-03	6.9E-04	1.05E-03	7.17E-07	8.61E-04	6.18E-10	1.0E+06	6.2E-04
150	0.17556	6.48E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
151	0.18542	6.48E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
152	0.19523	6.48E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
153	0.20581	6.48E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
154	0.21866	6.48E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.28E-09	1.0E+06	1.3E-03
155	0.23455	6.48E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.25503	6.48E-03	1.7E-03	1.05E-03	1.73E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03
157	0.28034	6.48E-03	1.8E-03	1.05E-03	1.90E-06	8.61E-04	1.64E-09	1.0E+06	1.6E-03
158	0.308	6.48E-03	2.0E-03	1.05E-03	2.09E-06	8.61E-04	1.80E-09	1.0E+06	1.8E-03
159	0.33621	6.48E-03	2.2E-03	1.05E-03	2.28E-06	8.61E-04	1.96E-09	1.0E+06	2.0E-03
160	0.36051	6.48E-03	2.3E-03	1.05E-03	2.44E-06	8.61E-04	2.10E-09	1.0E+06	2.1E-03
161	0.37887	6.48E-03	2.5E-03	1.05E-03	2.57E-06	8.61E-04	2.21E-09	1.0E+06	2.2E-03
162	0.38806	6.48E-03	2.5E-03	1.05E-03	2.63E-06	8.61E-04	2.26E-09	1.0E+06	2.3E-03
163	0.38731	6.48E-03	2.5E-03	1.05E-03	2.62E-06	8.61E-04	2.26E-09	1.0E+06	2.3E-03
164	0.37763	6.48E-03	2.4E-03	1.05E-03	2.56E-06	8.61E-04	2.20E-09	1.0E+06	2.2E-03
165	0.36085	6.48E-03	2.3E-03	1.05E-03	2.44E-06	8.61E-04	2.11E-09	1.0E+06	2.1E-03
166	0.33917	6.48E-03	2.2E-03	1.05E-03	2.30E-06	8.61E-04	1.98E-09	1.0E+06	2.0E-03
167	0.31469	6.48E-03	2.0E-03	1.05E-03	2.13E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03
168	0.28913	6.48E-03	1.9E-03	1.05E-03	1.96E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
169	0.10126	6.48E-03	6.6E-04	1.05E-03	6.86E-07	8.61E-04	5.91E-10	1.0E+06	5.9E-04
170	0.1093	6.48E-03	7.1E-04	1.05E-03	7.41E-07	8.61E-04	6.38E-10	1.0E+06	6.4E-04
171	0.11939	6.48E-03	7.7E-04	1.05E-03	8.09E-07	8.61E-04	6.97E-10	1.0E+06	7.0E-04
172	0.12711	6.48E-03	8.2E-04	1.05E-03	8.61E-07	8.61E-04	7.42E-10	1.0E+06	7.4E-04
173	0.21066	6.48E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
174	0.22457	6.48E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
175	0.23835	6.48E-03	1.5E-03	1.05E-03	1.61E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03
176	0.25327	6.48E-03	1.6E-03	1.05E-03	1.72E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03
177	0.27208	6.48E-03	1.8E-03	1.05E-03	1.84E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03
178	0.29439	6.48E-03	1.9E-03	1.05E-03	1.99E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03
179	0.32492	6.48E-03	2.1E-03	1.05E-03	2.20E-06	8.61E-04	1.90E-09	1.0E+06	1.9E-03
180	0.36099	6.48E-03	2.3E-03	1.05E-03	2.45E-06	8.61E-04	2.11E-09	1.0E+06	2.1E-03
181	0.39789	6.48E-03	2.6E-03	1.05E-03	2.70E-06	8.61E-04	2.32E-09	1.0E+06	2.3E-03
182	0.43423	6.48E-03	2.8E-03	1.05E-03	2.94E-06	8.61E-04	2.53E-09	1.0E+06	2.5E-03
183	0.40323	6.48E-03	2.6E-03	1.05E-03	2.73E-06	8.61E-04	2.35E-09	1.0E+06	2.4E-03
184	0.36935	6.48E-03	2.4E-03	1.05E-03	2.50E-06	8.61E-04	2.15E-09	1.0E+06	2.2E-03
185	0.12234	6.48E-03	7.9E-04	1.05E-03	8.29E-07	8.61E-04	7.14E-10	1.0E+06	7.1E-04
186	0.13529	6.48E-03	8.8E-04	1.05E-03	9.17E-07	8.61E-04	7.89E-10	1.0E+06	7.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
187	0.14522	6.48E-03	9.4E-04	1.05E-03	9.84E-07	8.61E-04	8.47E-10	1.0E+06	8.5E-04
188	0.25764	6.48E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03
189	0.278	6.48E-03	1.8E-03	1.05E-03	1.88E-06	8.61E-04	1.62E-09	1.0E+06	1.6E-03
190	0.29812	6.48E-03	1.9E-03	1.05E-03	2.02E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03
191	0.32009	6.48E-03	2.1E-03	1.05E-03	2.17E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03
192	0.34683	6.48E-03	2.2E-03	1.05E-03	2.35E-06	8.61E-04	2.02E-09	1.0E+06	2.0E-03
193	0.3813	6.48E-03	2.5E-03	1.05E-03	2.58E-06	8.61E-04	2.22E-09	1.0E+06	2.2E-03
194	0.42797	6.48E-03	2.8E-03	1.05E-03	2.90E-06	8.61E-04	2.50E-09	1.0E+06	2.5E-03
195	0.48031	6.48E-03	3.1E-03	1.05E-03	3.25E-06	8.61E-04	2.80E-09	1.0E+06	2.8E-03
196	0.53331	6.48E-03	3.5E-03	1.05E-03	3.61E-06	8.61E-04	3.11E-09	1.0E+06	3.1E-03
197	0.57149	6.48E-03	3.7E-03	1.05E-03	3.87E-06	8.61E-04	3.33E-09	1.0E+06	3.3E-03
198	0.15333	6.48E-03	9.9E-04	1.05E-03	1.04E-06	8.61E-04	8.95E-10	1.0E+06	8.9E-04
199	0.16787	6.48E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.79E-10	1.0E+06	9.8E-04
200	0.17475	6.48E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
201	0.1947	6.48E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
202	0.21437	6.48E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.3E-03
203	0.22556	6.48E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
204	0.2564	6.48E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03
205	0.28975	6.48E-03	1.9E-03	1.05E-03	1.96E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
206	0.30417	6.48E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03
207	0.35383	6.48E-03	2.3E-03	1.05E-03	2.40E-06	8.61E-04	2.06E-09	1.0E+06	2.1E-03
208	0.41397	6.48E-03	2.7E-03	1.05E-03	2.80E-06	8.61E-04	2.42E-09	1.0E+06	2.4E-03
209	0.35935	6.48E-03	2.3E-03	1.05E-03	2.43E-06	8.61E-04	2.10E-09	1.0E+06	2.1E-03
210	0.43347	6.48E-03	2.8E-03	1.05E-03	2.94E-06	8.61E-04	2.53E-09	1.0E+06	2.5E-03
211	0.52253	6.48E-03	3.4E-03	1.05E-03	3.54E-06	8.61E-04	3.05E-09	1.0E+06	3.0E-03
212	0.52477	6.48E-03	3.4E-03	1.05E-03	3.56E-06	8.61E-04	3.06E-09	1.0E+06	3.1E-03
213	0.66685	6.48E-03	4.3E-03	1.05E-03	4.52E-06	8.61E-04	3.89E-09	1.0E+06	3.9E-03
214	0.84884	6.48E-03	5.5E-03	1.05E-03	5.75E-06	8.61E-04	4.95E-09	1.0E+06	5.0E-03
215	0.63007	6.48E-03	4.1E-03	1.05E-03	4.27E-06	8.61E-04	3.68E-09	1.0E+06	3.7E-03
216	0.8324	6.48E-03	5.4E-03	1.05E-03	5.64E-06	8.61E-04	4.86E-09	1.0E+06	4.9E-03
217	1.11776	6.48E-03	7.2E-03	1.05E-03	7.57E-06	8.61E-04	6.52E-09	1.0E+06	6.5E-03



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
218	1.46256	6.48E-03	9.5E-03	1.05E-03	9.91E-06	8.61E-04	8.53E-09	1.0E+06	8.5E-03
219	2.25954	6.48E-03	1.5E-02	1.05E-03	1.53E-05	8.61E-04	1.32E-08	1.0E+06	1.3E-02
220	1.85313	6.48E-03	1.2E-02	1.05E-03	1.26E-05	8.61E-04	1.08E-08	1.0E+06	1.1E-02
221	2.95537	6.48E-03	1.9E-02	1.05E-03	2.00E-05	8.61E-04	1.72E-08	1.0E+06	1.7E-02
222	2.11047	6.48E-03	1.4E-02	1.05E-03	1.43E-05	8.61E-04	1.23E-08	1.0E+06	1.2E-02
223	3.27875	6.48E-03	2.1E-02	1.05E-03	2.22E-05	8.61E-04	1.91E-08	1.0E+06	1.9E-02
224	5.53671	6.48E-03	3.6E-02	1.05E-03	3.75E-05	8.61E-04	3.23E-08	1.0E+06	3.2E-02
225	2.92797	6.48E-03	1.9E-02	1.05E-03	1.98E-05	8.61E-04	1.71E-08	1.0E+06	1.7E-02
226	4.10053	6.48E-03	2.7E-02	1.05E-03	2.78E-05	8.61E-04	2.39E-08	1.0E+06	2.4E-02
227	0.12174	6.48E-03	7.9E-04	1.05E-03	8.25E-07	8.61E-04	7.10E-10	1.0E+06	7.1E-04
228	0.1086	6.48E-03	7.0E-04	1.05E-03	7.36E-07	8.61E-04	6.34E-10	1.0E+06	6.3E-04
229	0.09757	6.48E-03	6.3E-04	1.05E-03	6.61E-07	8.61E-04	5.69E-10	1.0E+06	5.7E-04
230	0.08821	6.48E-03	5.7E-04	1.05E-03	5.98E-07	8.61E-04	5.15E-10	1.0E+06	5.1E-04
231	0.11181	6.48E-03	7.2E-04	1.05E-03	7.58E-07	8.61E-04	6.52E-10	1.0E+06	6.5E-04
232	0.10028	6.48E-03	6.5E-04	1.05E-03	6.79E-07	8.61E-04	5.85E-10	1.0E+06	5.9E-04
233	0.09053	6.48E-03	5.9E-04	1.05E-03	6.13E-07	8.61E-04	5.28E-10	1.0E+06	5.3E-04
234	0.08219	6.48E-03	5.3E-04	1.05E-03	5.57E-07	8.61E-04	4.80E-10	1.0E+06	4.8E-04
235	0.10318	6.48E-03	6.7E-04	1.05E-03	6.99E-07	8.61E-04	6.02E-10	1.0E+06	6.0E-04
236	0.0931	6.48E-03	6.0E-04	1.05E-03	6.31E-07	8.61E-04	5.43E-10	1.0E+06	5.4E-04
237	0.08445	6.48E-03	5.5E-04	1.05E-03	5.72E-07	8.61E-04	4.93E-10	1.0E+06	4.9E-04
238	0.07699	6.48E-03	5.0E-04	1.05E-03	5.22E-07	8.61E-04	4.49E-10	1.0E+06	4.5E-04
239	0.81522	6.48E-03	5.3E-03	1.05E-03	5.52E-06	8.61E-04	4.76E-09	1.0E+06	4.8E-03
240	0.70249	6.48E-03	4.6E-03	1.05E-03	4.76E-06	8.61E-04	4.10E-09	1.0E+06	4.1E-03
241	0.61136	6.48E-03	4.0E-03	1.05E-03	4.14E-06	8.61E-04	3.57E-09	1.0E+06	3.6E-03
242	0.53666	6.48E-03	3.5E-03	1.05E-03	3.64E-06	8.61E-04	3.13E-09	1.0E+06	3.1E-03
243	0.71837	6.48E-03	4.7E-03	1.05E-03	4.87E-06	8.61E-04	4.19E-09	1.0E+06	4.2E-03
244	0.62523	6.48E-03	4.1E-03	1.05E-03	4.24E-06	8.61E-04	3.65E-09	1.0E+06	3.6E-03
245	0.54874	6.48E-03	3.6E-03	1.05E-03	3.72E-06	8.61E-04	3.20E-09	1.0E+06	3.2E-03
246	0.48518	6.48E-03	3.1E-03	1.05E-03	3.29E-06	8.61E-04	2.83E-09	1.0E+06	2.8E-03
247	0.63764	6.48E-03	4.1E-03	1.05E-03	4.32E-06	8.61E-04	3.72E-09	1.0E+06	3.7E-03
248	0.56009	6.48E-03	3.6E-03	1.05E-03	3.79E-06	8.61E-04	3.27E-09	1.0E+06	3.3E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
249	0.4954	6.48E-03	3.2E-03	1.05E-03	3.36E-06	8.61E-04	2.89E-09	1.0E+06	2.9E-03
250	0.44087	6.48E-03	2.9E-03	1.05E-03	2.99E-06	8.61E-04	2.57E-09	1.0E+06	2.6E-03
251	0.26032	6.48E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
252	0.23952	6.48E-03	1.6E-03	1.05E-03	1.62E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
253	0.31154	6.48E-03	2.0E-03	1.05E-03	2.11E-06	8.61E-04	1.82E-09	1.0E+06	1.8E-03
254	0.28549	6.48E-03	1.9E-03	1.05E-03	1.93E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03
255	0.2418	6.48E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
256	0.22341	6.48E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
257	0.17903	6.48E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
258	0.2858	6.48E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03
259	0.26316	6.48E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03
260	0.24288	6.48E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03
261	0.22477	6.48E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
262	0.20852	6.48E-03	1.4E-03	1.05E-03	1.41E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03
263	0.16883	6.48E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.85E-10	1.0E+06	9.8E-04
264	0.24292	6.48E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03
265	0.22517	6.48E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
266	0.20918	6.48E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03
267	0.19474	6.48E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
268	0.1593	6.48E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.29E-10	1.0E+06	9.3E-04
269	0.23609	6.48E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
270	0.20415	6.48E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
271	0.17814	6.48E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
272	0.15674	6.48E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.14E-10	1.0E+06	9.1E-04
273	0.13898	6.48E-03	9.0E-04	1.05E-03	9.42E-07	8.61E-04	8.11E-10	1.0E+06	8.1E-04
274	0.12413	6.48E-03	8.0E-04	1.05E-03	8.41E-07	8.61E-04	7.24E-10	1.0E+06	7.2E-04
275	0.11159	6.48E-03	7.2E-04	1.05E-03	7.56E-07	8.61E-04	6.51E-10	1.0E+06	6.5E-04
276	0.21589	6.48E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03
277	0.18696	6.48E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
278	0.16349	6.48E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.54E-10	1.0E+06	9.5E-04
279	0.14421	6.48E-03	9.3E-04	1.05E-03	9.77E-07	8.61E-04	8.41E-10	1.0E+06	8.4E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
280	0.12824	6.48E-03	8.3E-04	1.05E-03	8.69E-07	8.61E-04	7.48E-10	1.0E+06	7.5E-04
281	0.11486	6.48E-03	7.4E-04	1.05E-03	7.78E-07	8.61E-04	6.70E-10	1.0E+06	6.7E-04
282	0.10355	6.48E-03	6.7E-04	1.05E-03	7.02E-07	8.61E-04	6.04E-10	1.0E+06	6.0E-04
283	0.19518	6.48E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
284	0.16971	6.48E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.90E-10	1.0E+06	9.9E-04
285	0.14902	6.48E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.69E-10	1.0E+06	8.7E-04
286	0.132	6.48E-03	8.6E-04	1.05E-03	8.94E-07	8.61E-04	7.70E-10	1.0E+06	7.7E-04
287	0.11784	6.48E-03	7.6E-04	1.05E-03	7.98E-07	8.61E-04	6.88E-10	1.0E+06	6.9E-04
288	0.10595	6.48E-03	6.9E-04	1.05E-03	7.18E-07	8.61E-04	6.18E-10	1.0E+06	6.2E-04
289	0.09586	6.48E-03	6.2E-04	1.05E-03	6.50E-07	8.61E-04	5.59E-10	1.0E+06	5.6E-04
290	0.17525	6.48E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
291	0.15328	6.48E-03	9.9E-04	1.05E-03	1.04E-06	8.61E-04	8.94E-10	1.0E+06	8.9E-04
292	0.13532	6.48E-03	8.8E-04	1.05E-03	9.17E-07	8.61E-04	7.89E-10	1.0E+06	7.9E-04
293	0.12047	6.48E-03	7.8E-04	1.05E-03	8.16E-07	8.61E-04	7.03E-10	1.0E+06	7.0E-04
294	0.10805	6.48E-03	7.0E-04	1.05E-03	7.32E-07	8.61E-04	6.30E-10	1.0E+06	6.3E-04
295	0.09756	6.48E-03	6.3E-04	1.05E-03	6.61E-07	8.61E-04	5.69E-10	1.0E+06	5.7E-04
296	0.08863	6.48E-03	5.7E-04	1.05E-03	6.01E-07	8.61E-04	5.17E-10	1.0E+06	5.2E-04
297	0.15694	6.48E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.16E-10	1.0E+06	9.2E-04
298	0.13817	6.48E-03	9.0E-04	1.05E-03	9.36E-07	8.61E-04	8.06E-10	1.0E+06	8.1E-04
299	0.12271	6.48E-03	8.0E-04	1.05E-03	8.31E-07	8.61E-04	7.16E-10	1.0E+06	7.2E-04
300	0.10984	6.48E-03	7.1E-04	1.05E-03	7.44E-07	8.61E-04	6.41E-10	1.0E+06	6.4E-04
301	0.099	6.48E-03	6.4E-04	1.05E-03	6.71E-07	8.61E-04	5.78E-10	1.0E+06	5.8E-04
302	0.0898	6.48E-03	5.8E-04	1.05E-03	6.08E-07	8.61E-04	5.24E-10	1.0E+06	5.2E-04
303	0.08191	6.48E-03	5.3E-04	1.05E-03	5.55E-07	8.61E-04	4.78E-10	1.0E+06	4.8E-04
304	0.1406	6.48E-03	9.1E-04	1.05E-03	9.53E-07	8.61E-04	8.20E-10	1.0E+06	8.2E-04
305	0.12464	6.48E-03	8.1E-04	1.05E-03	8.45E-07	8.61E-04	7.27E-10	1.0E+06	7.3E-04
306	0.11137	6.48E-03	7.2E-04	1.05E-03	7.55E-07	8.61E-04	6.50E-10	1.0E+06	6.5E-04
307	0.10023	6.48E-03	6.5E-04	1.05E-03	6.79E-07	8.61E-04	5.85E-10	1.0E+06	5.8E-04
308	0.09079	6.48E-03	5.9E-04	1.05E-03	6.15E-07	8.61E-04	5.30E-10	1.0E+06	5.3E-04
309	0.08271	6.48E-03	5.4E-04	1.05E-03	5.60E-07	8.61E-04	4.83E-10	1.0E+06	4.8E-04
310	0.07575	6.48E-03	4.9E-04	1.05E-03	5.13E-07	8.61E-04	4.42E-10	1.0E+06	4.4E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
311	0.12645	6.48E-03	8.2E-04	1.05E-03	8.57E-07	8.61E-04	7.38E-10	1.0E+06	7.4E-04
312	0.11279	6.48E-03	7.3E-04	1.05E-03	7.64E-07	8.61E-04	6.58E-10	1.0E+06	6.6E-04
313	0.10137	6.48E-03	6.6E-04	1.05E-03	6.87E-07	8.61E-04	5.91E-10	1.0E+06	5.9E-04
314	0.09169	6.48E-03	5.9E-04	1.05E-03	6.21E-07	8.61E-04	5.35E-10	1.0E+06	5.3E-04
315	0.08343	6.48E-03	5.4E-04	1.05E-03	5.65E-07	8.61E-04	4.87E-10	1.0E+06	4.9E-04
316	0.07633	6.48E-03	4.9E-04	1.05E-03	5.17E-07	8.61E-04	4.45E-10	1.0E+06	4.5E-04
317	0.07017	6.48E-03	4.5E-04	1.05E-03	4.75E-07	8.61E-04	4.09E-10	1.0E+06	4.1E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Building Construction Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	6.87E-05
2	5	7.40E-05
3	5	7.68E-05
4	5	9.76E-05
5	5	1.00E-04
6	5	1.03E-04
7	5	1.06E-04
8	5	1.09E-04
9	5	1.12E-04
10	5	1.16E-04
11	5	1.20E-04
12	5	1.26E-04
13	5	1.33E-04
14	5	1.40E-04
15	5	1.49E-04
16	5	1.58E-04
17	5	1.67E-04
18	5	1.77E-04
19	5	1.86E-04
20	5	1.94E-04
21	5	2.00E-04
22	5	2.04E-04
23	5	2.06E-04
24	5	2.06E-04
25	5	2.05E-04
26	5	7.42E-05
27	5	8.02E-05
28	5	8.35E-05
29	5	1.09E-04
30	5	1.12E-04
31	5	1.16E-04

Max	Receptor #
0.007	224

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	1.19E-04
33	5	1.23E-04
34	5	1.27E-04
35	5	1.31E-04
36	5	1.37E-04
37	5	1.45E-04
38	5	1.53E-04
39	5	1.63E-04
40	5	1.74E-04
41	5	1.84E-04
42	5	1.96E-04
43	5	2.07E-04
44	5	2.17E-04
45	5	2.25E-04
46	5	2.30E-04
47	5	2.33E-04
48	5	2.33E-04
49	5	2.30E-04
50	5	2.26E-04
51	5	8.06E-05
52	5	8.71E-05
53	5	9.11E-05
54	5	1.22E-04
55	5	1.27E-04
56	5	1.31E-04
57	5	1.35E-04
58	5	1.40E-04
59	5	1.45E-04
60	5	1.51E-04
61	5	1.59E-04
62	5	1.68E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Building Construction Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
63	5	1.79E-04
64	5	1.92E-04
65	5	2.05E-04
66	5	2.18E-04
67	5	2.33E-04
68	5	2.46E-04
69	5	2.54E-04
70	5	2.61E-04
71	5	2.65E-04
72	5	2.65E-04
73	5	2.61E-04
74	5	2.55E-04
75	5	2.47E-04
76	5	8.79E-05
77	5	9.50E-05
78	5	1.00E-04
79	5	1.38E-04
80	5	1.44E-04
81	5	1.49E-04
82	5	1.55E-04
83	5	1.61E-04
84	5	1.67E-04
85	5	1.75E-04
86	5	1.86E-04
87	5	1.98E-04
88	5	2.12E-04
89	5	2.29E-04
90	5	2.45E-04
91	5	2.63E-04
92	5	2.79E-04
93	5	2.92E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	3.02E-04
95	5	3.06E-04
96	5	3.06E-04
97	5	3.02E-04
98	5	2.91E-04
99	5	2.80E-04
100	5	2.67E-04
101	5	9.63E-05
102	5	1.04E-04
103	5	1.10E-04
104	5	1.58E-04
105	5	1.66E-04
106	5	1.73E-04
107	5	1.80E-04
108	5	1.87E-04
109	5	1.96E-04
110	5	2.07E-04
111	5	2.20E-04
112	5	2.37E-04
113	5	2.57E-04
114	5	2.78E-04
115	5	2.98E-04
116	5	3.20E-04
117	5	3.38E-04
118	5	3.50E-04
119	5	3.56E-04
120	5	3.56E-04
121	5	3.50E-04
122	5	3.39E-04
123	5	3.24E-04
124	5	3.06E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.06E-04
126	5	1.15E-04
127	5	1.23E-04
128	5	1.93E-04
129	5	2.02E-04
130	5	2.12E-04
131	5	2.22E-04
132	5	2.33E-04
133	5	2.49E-04
134	5	2.67E-04
135	5	2.90E-04
136	5	3.17E-04
137	5	3.44E-04
138	5	3.70E-04
139	5	3.95E-04
140	5	4.12E-04
141	5	4.20E-04
142	5	4.19E-04
143	5	4.11E-04
144	5	3.95E-04
145	5	3.75E-04
146	5	3.52E-04
147	5	1.18E-04
148	5	1.27E-04
149	5	1.37E-04
150	5	2.28E-04
151	5	2.40E-04
152	5	2.53E-04
153	5	2.67E-04
154	5	2.83E-04
155	5	3.04E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	3.31E-04
157	5	3.63E-04
158	5	3.99E-04
159	5	4.36E-04
160	5	4.67E-04
161	5	4.91E-04
162	5	5.03E-04
163	5	5.02E-04
164	5	4.90E-04
165	5	4.68E-04
166	5	4.40E-04
167	5	4.08E-04
168	5	3.75E-04
169	5	1.31E-04
170	5	1.42E-04
171	5	1.55E-04
172	5	1.65E-04
173	5	2.73E-04
174	5	2.91E-04
175	5	3.09E-04
176	5	3.28E-04
177	5	3.53E-04
178	5	3.82E-04
179	5	4.21E-04
180	5	4.68E-04
181	5	5.16E-04
182	5	5.63E-04
183	5	5.23E-04
184	5	4.79E-04
185	5	1.59E-04
186	5	1.75E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	1.88E-04
188	5	3.34E-04
189	5	3.60E-04
190	5	3.87E-04
191	5	4.15E-04
192	5	4.50E-04
193	5	4.94E-04
194	5	5.55E-04
195	5	6.23E-04
196	5	6.91E-04
197	5	7.41E-04
198	5	1.99E-04
199	5	2.18E-04
200	5	2.27E-04
201	5	2.52E-04
202	5	2.78E-04
203	5	2.92E-04
204	5	3.32E-04
205	5	3.76E-04
206	5	3.94E-04
207	5	4.59E-04
208	5	5.37E-04
209	5	4.66E-04
210	5	5.62E-04
211	5	6.77E-04
212	5	6.80E-04
213	5	8.65E-04
214	5	1.10E-03
215	5	8.17E-04
216	5	1.08E-03
217	5	1.45E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Building Construction Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
218	5	1.90E-03
219	5	2.93E-03
220	5	2.40E-03
221	5	3.83E-03
222	5	2.74E-03
223	5	4.25E-03
224	5	7.18E-03
225	5	3.80E-03
226	5	5.32E-03
227	5	1.58E-04
228	5	1.41E-04
229	5	1.27E-04
230	5	1.14E-04
231	5	1.45E-04
232	5	1.30E-04
233	5	1.17E-04
234	5	1.07E-04
235	5	1.34E-04
236	5	1.21E-04
237	5	1.09E-04
238	5	9.98E-05
239	5	1.06E-03
240	5	9.11E-04
241	5	7.93E-04
242	5	6.96E-04
243	5	9.31E-04
244	5	8.11E-04
245	5	7.11E-04
246	5	6.29E-04
247	5	8.27E-04
248	5	7.26E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	6.42E-04
250	5	5.72E-04
251	5	3.38E-04
252	5	3.11E-04
253	5	4.04E-04
254	5	3.70E-04
255	5	3.13E-04
256	5	2.90E-04
257	5	2.32E-04
258	5	3.71E-04
259	5	3.41E-04
260	5	3.15E-04
261	5	2.91E-04
262	5	2.70E-04
263	5	2.19E-04
264	5	3.15E-04
265	5	2.92E-04
266	5	2.71E-04
267	5	2.52E-04
268	5	2.07E-04
269	5	3.06E-04
270	5	2.65E-04
271	5	2.31E-04
272	5	2.03E-04
273	5	1.80E-04
274	5	1.61E-04
275	5	1.45E-04
276	5	2.80E-04
277	5	2.42E-04
278	5	2.12E-04
279	5	1.87E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	1.66E-04
281	5	1.49E-04
282	5	1.34E-04
283	5	2.53E-04
284	5	2.20E-04
285	5	1.93E-04
286	5	1.71E-04
287	5	1.53E-04
288	5	1.37E-04
289	5	1.24E-04
290	5	2.27E-04
291	5	1.99E-04
292	5	1.75E-04
293	5	1.56E-04
294	5	1.40E-04
295	5	1.26E-04
296	5	1.15E-04
297	5	2.03E-04
298	5	1.79E-04
299	5	1.59E-04
300	5	1.42E-04
301	5	1.28E-04
302	5	1.16E-04
303	5	1.06E-04
304	5	1.82E-04
305	5	1.62E-04
306	5	1.44E-04
307	5	1.30E-04
308	5	1.18E-04
309	5	1.07E-04
310	5	9.82E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Building Construction Risk**

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	1.64E-04
312	5	1.46E-04
313	5	1.31E-04
314	5	1.19E-04
315	5	1.08E-04
316	5	9.90E-05
317	5	9.10E-05

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Parcel 1-G: Unmitigated - Parcel 1 - Paving Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05315	3.89E-03	2.1E-04	1.05E-03	2.16E-07	8.61E-04	1.86E-10	1.0E+06	1.9E-04
2	0.05619	3.89E-03	2.2E-04	1.05E-03	2.28E-07	8.61E-04	1.97E-10	1.0E+06	2.0E-04
3	0.05911	3.89E-03	2.3E-04	1.05E-03	2.40E-07	8.61E-04	2.07E-10	1.0E+06	2.1E-04
4	0.07511	3.89E-03	2.9E-04	1.05E-03	3.05E-07	8.61E-04	2.63E-10	1.0E+06	2.6E-04
5	0.0773	3.89E-03	3.0E-04	1.05E-03	3.14E-07	8.61E-04	2.70E-10	1.0E+06	2.7E-04
6	0.07942	3.89E-03	3.1E-04	1.05E-03	3.23E-07	8.61E-04	2.78E-10	1.0E+06	2.8E-04
7	0.08154	3.89E-03	3.2E-04	1.05E-03	3.31E-07	8.61E-04	2.85E-10	1.0E+06	2.9E-04
8	0.08379	3.89E-03	3.3E-04	1.05E-03	3.40E-07	8.61E-04	2.93E-10	1.0E+06	2.9E-04
9	0.08631	3.89E-03	3.4E-04	1.05E-03	3.51E-07	8.61E-04	3.02E-10	1.0E+06	3.0E-04
10	0.08927	3.89E-03	3.5E-04	1.05E-03	3.63E-07	8.61E-04	3.12E-10	1.0E+06	3.1E-04
11	0.09285	3.89E-03	3.6E-04	1.05E-03	3.77E-07	8.61E-04	3.25E-10	1.0E+06	3.2E-04
12	0.09724	3.89E-03	3.8E-04	1.05E-03	3.95E-07	8.61E-04	3.40E-10	1.0E+06	3.4E-04
13	0.10237	3.89E-03	4.0E-04	1.05E-03	4.16E-07	8.61E-04	3.58E-10	1.0E+06	3.6E-04
14	0.10823	3.89E-03	4.2E-04	1.05E-03	4.40E-07	8.61E-04	3.78E-10	1.0E+06	3.8E-04
15	0.11483	3.89E-03	4.5E-04	1.05E-03	4.66E-07	8.61E-04	4.02E-10	1.0E+06	4.0E-04
16	0.12194	3.89E-03	4.7E-04	1.05E-03	4.95E-07	8.61E-04	4.26E-10	1.0E+06	4.3E-04
17	0.1288	3.89E-03	5.0E-04	1.05E-03	5.23E-07	8.61E-04	4.50E-10	1.0E+06	4.5E-04
18	0.13629	3.89E-03	5.3E-04	1.05E-03	5.54E-07	8.61E-04	4.77E-10	1.0E+06	4.8E-04
19	0.14321	3.89E-03	5.6E-04	1.05E-03	5.82E-07	8.61E-04	5.01E-10	1.0E+06	5.0E-04
20	0.1492	3.89E-03	5.8E-04	1.05E-03	6.06E-07	8.61E-04	5.22E-10	1.0E+06	5.2E-04
21	0.15393	3.89E-03	6.0E-04	1.05E-03	6.25E-07	8.61E-04	5.38E-10	1.0E+06	5.4E-04
22	0.15718	3.89E-03	6.1E-04	1.05E-03	6.38E-07	8.61E-04	5.50E-10	1.0E+06	5.5E-04
23	0.15884	3.89E-03	6.2E-04	1.05E-03	6.45E-07	8.61E-04	5.55E-10	1.0E+06	5.6E-04
24	0.1589	3.89E-03	6.2E-04	1.05E-03	6.45E-07	8.61E-04	5.56E-10	1.0E+06	5.6E-04
25	0.15746	3.89E-03	6.1E-04	1.05E-03	6.40E-07	8.61E-04	5.51E-10	1.0E+06	5.5E-04
26	0.05765	3.89E-03	2.2E-04	1.05E-03	2.34E-07	8.61E-04	2.02E-10	1.0E+06	2.0E-04
27	0.06091	3.89E-03	2.4E-04	1.05E-03	2.47E-07	8.61E-04	2.13E-10	1.0E+06	2.1E-04
28	0.06423	3.89E-03	2.5E-04	1.05E-03	2.61E-07	8.61E-04	2.25E-10	1.0E+06	2.2E-04
29	0.08374	3.89E-03	3.3E-04	1.05E-03	3.40E-07	8.61E-04	2.93E-10	1.0E+06	2.9E-04
30	0.08646	3.89E-03	3.4E-04	1.05E-03	3.51E-07	8.61E-04	3.02E-10	1.0E+06	3.0E-04
31	0.08909	3.89E-03	3.5E-04	1.05E-03	3.62E-07	8.61E-04	3.12E-10	1.0E+06	3.1E-04

<b>Max</b>	<b>Receptor #</b>
0.019	224

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
32	0.09172	3.89E-03	3.6E-04	1.05E-03	3.73E-07	8.61E-04	3.21E-10	1.0E+06	3.2E-04
33	0.0945	3.89E-03	3.7E-04	1.05E-03	3.84E-07	8.61E-04	3.30E-10	1.0E+06	3.3E-04
34	0.09764	3.89E-03	3.8E-04	1.05E-03	3.97E-07	8.61E-04	3.41E-10	1.0E+06	3.4E-04
35	0.10137	3.89E-03	3.9E-04	1.05E-03	4.12E-07	8.61E-04	3.55E-10	1.0E+06	3.5E-04
36	0.10596	3.89E-03	4.1E-04	1.05E-03	4.30E-07	8.61E-04	3.71E-10	1.0E+06	3.7E-04
37	0.11157	3.89E-03	4.3E-04	1.05E-03	4.53E-07	8.61E-04	3.90E-10	1.0E+06	3.9E-04
38	0.118	3.89E-03	4.6E-04	1.05E-03	4.79E-07	8.61E-04	4.13E-10	1.0E+06	4.1E-04
39	0.12561	3.89E-03	4.9E-04	1.05E-03	5.10E-07	8.61E-04	4.39E-10	1.0E+06	4.4E-04
40	0.13386	3.89E-03	5.2E-04	1.05E-03	5.44E-07	8.61E-04	4.68E-10	1.0E+06	4.7E-04
41	0.14239	3.89E-03	5.5E-04	1.05E-03	5.78E-07	8.61E-04	4.98E-10	1.0E+06	5.0E-04
42	0.151	3.89E-03	5.9E-04	1.05E-03	6.13E-07	8.61E-04	5.28E-10	1.0E+06	5.3E-04
43	0.15961	3.89E-03	6.2E-04	1.05E-03	6.48E-07	8.61E-04	5.58E-10	1.0E+06	5.6E-04
44	0.1671	3.89E-03	6.5E-04	1.05E-03	6.79E-07	8.61E-04	5.84E-10	1.0E+06	5.8E-04
45	0.17303	3.89E-03	6.7E-04	1.05E-03	7.03E-07	8.61E-04	6.05E-10	1.0E+06	6.1E-04
46	0.1771	3.89E-03	6.9E-04	1.05E-03	7.19E-07	8.61E-04	6.19E-10	1.0E+06	6.2E-04
47	0.17912	3.89E-03	7.0E-04	1.05E-03	7.27E-07	8.61E-04	6.26E-10	1.0E+06	6.3E-04
48	0.17911	3.89E-03	7.0E-04	1.05E-03	7.27E-07	8.61E-04	6.26E-10	1.0E+06	6.3E-04
49	0.17718	3.89E-03	6.9E-04	1.05E-03	7.20E-07	8.61E-04	6.20E-10	1.0E+06	6.2E-04
50	0.17355	3.89E-03	6.7E-04	1.05E-03	7.05E-07	8.61E-04	6.07E-10	1.0E+06	6.1E-04
51	0.06255	3.89E-03	2.4E-04	1.05E-03	2.54E-07	8.61E-04	2.19E-10	1.0E+06	2.2E-04
52	0.06624	3.89E-03	2.6E-04	1.05E-03	2.69E-07	8.61E-04	2.32E-10	1.0E+06	2.3E-04
53	0.07011	3.89E-03	2.7E-04	1.05E-03	2.85E-07	8.61E-04	2.45E-10	1.0E+06	2.5E-04
54	0.09407	3.89E-03	3.7E-04	1.05E-03	3.82E-07	8.61E-04	3.29E-10	1.0E+06	3.3E-04
55	0.0975	3.89E-03	3.8E-04	1.05E-03	3.96E-07	8.61E-04	3.41E-10	1.0E+06	3.4E-04
56	0.10079	3.89E-03	3.9E-04	1.05E-03	4.09E-07	8.61E-04	3.52E-10	1.0E+06	3.5E-04
57	0.10409	3.89E-03	4.0E-04	1.05E-03	4.23E-07	8.61E-04	3.64E-10	1.0E+06	3.6E-04
58	0.10759	3.89E-03	4.2E-04	1.05E-03	4.37E-07	8.61E-04	3.76E-10	1.0E+06	3.8E-04
59	0.11159	3.89E-03	4.3E-04	1.05E-03	4.53E-07	8.61E-04	3.90E-10	1.0E+06	3.9E-04
60	0.11642	3.89E-03	4.5E-04	1.05E-03	4.73E-07	8.61E-04	4.07E-10	1.0E+06	4.1E-04
61	0.12241	3.89E-03	4.8E-04	1.05E-03	4.97E-07	8.61E-04	4.28E-10	1.0E+06	4.3E-04
62	0.12966	3.89E-03	5.0E-04	1.05E-03	5.27E-07	8.61E-04	4.53E-10	1.0E+06	4.5E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
63	0.13805	3.89E-03	5.4E-04	1.05E-03	5.61E-07	8.61E-04	4.83E-10	1.0E+06	4.8E-04
64	0.14782	3.89E-03	5.7E-04	1.05E-03	6.00E-07	8.61E-04	5.17E-10	1.0E+06	5.2E-04
65	0.15822	3.89E-03	6.1E-04	1.05E-03	6.43E-07	8.61E-04	5.53E-10	1.0E+06	5.5E-04
66	0.16868	3.89E-03	6.6E-04	1.05E-03	6.85E-07	8.61E-04	5.90E-10	1.0E+06	5.9E-04
67	0.17898	3.89E-03	7.0E-04	1.05E-03	7.27E-07	8.61E-04	6.26E-10	1.0E+06	6.3E-04
68	0.18851	3.89E-03	7.3E-04	1.05E-03	7.66E-07	8.61E-04	6.59E-10	1.0E+06	6.6E-04
69	0.19612	3.89E-03	7.6E-04	1.05E-03	7.97E-07	8.61E-04	6.86E-10	1.0E+06	6.9E-04
70	0.20132	3.89E-03	7.8E-04	1.05E-03	8.18E-07	8.61E-04	7.04E-10	1.0E+06	7.0E-04
71	0.20384	3.89E-03	7.9E-04	1.05E-03	8.28E-07	8.61E-04	7.13E-10	1.0E+06	7.1E-04
72	0.20371	3.89E-03	7.9E-04	1.05E-03	8.27E-07	8.61E-04	7.12E-10	1.0E+06	7.1E-04
73	0.20109	3.89E-03	7.8E-04	1.05E-03	8.17E-07	8.61E-04	7.03E-10	1.0E+06	7.0E-04
74	0.19633	3.89E-03	7.6E-04	1.05E-03	7.97E-07	8.61E-04	6.87E-10	1.0E+06	6.9E-04
75	0.18979	3.89E-03	7.4E-04	1.05E-03	7.71E-07	8.61E-04	6.64E-10	1.0E+06	6.6E-04
76	0.06818	3.89E-03	2.6E-04	1.05E-03	2.77E-07	8.61E-04	2.38E-10	1.0E+06	2.4E-04
77	0.07237	3.89E-03	2.8E-04	1.05E-03	2.94E-07	8.61E-04	2.53E-10	1.0E+06	2.5E-04
78	0.07697	3.89E-03	3.0E-04	1.05E-03	3.13E-07	8.61E-04	2.69E-10	1.0E+06	2.7E-04
79	0.10658	3.89E-03	4.1E-04	1.05E-03	4.33E-07	8.61E-04	3.73E-10	1.0E+06	3.7E-04
80	0.11096	3.89E-03	4.3E-04	1.05E-03	4.51E-07	8.61E-04	3.88E-10	1.0E+06	3.9E-04
81	0.11516	3.89E-03	4.5E-04	1.05E-03	4.68E-07	8.61E-04	4.03E-10	1.0E+06	4.0E-04
82	0.11936	3.89E-03	4.6E-04	1.05E-03	4.85E-07	8.61E-04	4.17E-10	1.0E+06	4.2E-04
83	0.12386	3.89E-03	4.8E-04	1.05E-03	5.03E-07	8.61E-04	4.33E-10	1.0E+06	4.3E-04
84	0.12905	3.89E-03	5.0E-04	1.05E-03	5.24E-07	8.61E-04	4.51E-10	1.0E+06	4.5E-04
85	0.13542	3.89E-03	5.3E-04	1.05E-03	5.50E-07	8.61E-04	4.74E-10	1.0E+06	4.7E-04
86	0.14326	3.89E-03	5.6E-04	1.05E-03	5.82E-07	8.61E-04	5.01E-10	1.0E+06	5.0E-04
87	0.15263	3.89E-03	5.9E-04	1.05E-03	6.20E-07	8.61E-04	5.34E-10	1.0E+06	5.3E-04
88	0.16405	3.89E-03	6.4E-04	1.05E-03	6.66E-07	8.61E-04	5.74E-10	1.0E+06	5.7E-04
89	0.1767	3.89E-03	6.9E-04	1.05E-03	7.18E-07	8.61E-04	6.18E-10	1.0E+06	6.2E-04
90	0.1902	3.89E-03	7.4E-04	1.05E-03	7.72E-07	8.61E-04	6.65E-10	1.0E+06	6.7E-04
91	0.20225	3.89E-03	7.9E-04	1.05E-03	8.21E-07	8.61E-04	7.07E-10	1.0E+06	7.1E-04
92	0.21441	3.89E-03	8.3E-04	1.05E-03	8.71E-07	8.61E-04	7.50E-10	1.0E+06	7.5E-04
93	0.2243	3.89E-03	8.7E-04	1.05E-03	9.11E-07	8.61E-04	7.84E-10	1.0E+06	7.8E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.23109	3.89E-03	9.0E-04	1.05E-03	9.39E-07	8.61E-04	8.08E-10	1.0E+06	8.1E-04
95	0.23435	3.89E-03	9.1E-04	1.05E-03	9.52E-07	8.61E-04	8.20E-10	1.0E+06	8.2E-04
96	0.23405	3.89E-03	9.1E-04	1.05E-03	9.51E-07	8.61E-04	8.19E-10	1.0E+06	8.2E-04
97	0.23047	3.89E-03	9.0E-04	1.05E-03	9.36E-07	8.61E-04	8.06E-10	1.0E+06	8.1E-04
98	0.22412	3.89E-03	8.7E-04	1.05E-03	9.10E-07	8.61E-04	7.84E-10	1.0E+06	7.8E-04
99	0.21556	3.89E-03	8.4E-04	1.05E-03	8.75E-07	8.61E-04	7.54E-10	1.0E+06	7.5E-04
100	0.20538	3.89E-03	8.0E-04	1.05E-03	8.34E-07	8.61E-04	7.18E-10	1.0E+06	7.2E-04
101	0.07468	3.89E-03	2.9E-04	1.05E-03	3.03E-07	8.61E-04	2.61E-10	1.0E+06	2.6E-04
102	0.07942	3.89E-03	3.1E-04	1.05E-03	3.23E-07	8.61E-04	2.78E-10	1.0E+06	2.8E-04
103	0.085	3.89E-03	3.3E-04	1.05E-03	3.45E-07	8.61E-04	2.97E-10	1.0E+06	3.0E-04
104	0.12192	3.89E-03	4.7E-04	1.05E-03	4.95E-07	8.61E-04	4.26E-10	1.0E+06	4.3E-04
105	0.12763	3.89E-03	5.0E-04	1.05E-03	5.18E-07	8.61E-04	4.46E-10	1.0E+06	4.5E-04
106	0.1331	3.89E-03	5.2E-04	1.05E-03	5.41E-07	8.61E-04	4.65E-10	1.0E+06	4.7E-04
107	0.13857	3.89E-03	5.4E-04	1.05E-03	5.63E-07	8.61E-04	4.85E-10	1.0E+06	4.8E-04
108	0.14445	3.89E-03	5.6E-04	1.05E-03	5.87E-07	8.61E-04	5.05E-10	1.0E+06	5.1E-04
109	0.15132	3.89E-03	5.9E-04	1.05E-03	6.15E-07	8.61E-04	5.29E-10	1.0E+06	5.3E-04
110	0.15994	3.89E-03	6.2E-04	1.05E-03	6.50E-07	8.61E-04	5.59E-10	1.0E+06	5.6E-04
111	0.17007	3.89E-03	6.6E-04	1.05E-03	6.91E-07	8.61E-04	5.95E-10	1.0E+06	5.9E-04
112	0.18317	3.89E-03	7.1E-04	1.05E-03	7.44E-07	8.61E-04	6.41E-10	1.0E+06	6.4E-04
113	0.19842	3.89E-03	7.7E-04	1.05E-03	8.06E-07	8.61E-04	6.94E-10	1.0E+06	6.9E-04
114	0.21505	3.89E-03	8.4E-04	1.05E-03	8.73E-07	8.61E-04	7.52E-10	1.0E+06	7.5E-04
115	0.23162	3.89E-03	9.0E-04	1.05E-03	9.41E-07	8.61E-04	8.10E-10	1.0E+06	8.1E-04
116	0.24653	3.89E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.62E-10	1.0E+06	8.6E-04
117	0.25976	3.89E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.08E-10	1.0E+06	9.1E-04
118	0.26886	3.89E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.40E-10	1.0E+06	9.4E-04
119	0.27257	3.89E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.53E-10	1.0E+06	9.5E-04
120	0.27206	3.89E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.51E-10	1.0E+06	9.5E-04
121	0.26713	3.89E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.34E-10	1.0E+06	9.3E-04
122	0.25851	3.89E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.04E-10	1.0E+06	9.0E-04
123	0.2471	3.89E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.64E-10	1.0E+06	8.6E-04
124	0.23377	3.89E-03	9.1E-04	1.05E-03	9.49E-07	8.61E-04	8.18E-10	1.0E+06	8.2E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
125	0.08224	3.89E-03	3.2E-04	1.05E-03	3.34E-07	8.61E-04	2.88E-10	1.0E+06	2.9E-04
126	0.08777	3.89E-03	3.4E-04	1.05E-03	3.56E-07	8.61E-04	3.07E-10	1.0E+06	3.1E-04
127	0.09437	3.89E-03	3.7E-04	1.05E-03	3.83E-07	8.61E-04	3.30E-10	1.0E+06	3.3E-04
128	0.1486	3.89E-03	5.8E-04	1.05E-03	6.04E-07	8.61E-04	5.20E-10	1.0E+06	5.2E-04
129	0.15589	3.89E-03	6.1E-04	1.05E-03	6.33E-07	8.61E-04	5.45E-10	1.0E+06	5.5E-04
130	0.16318	3.89E-03	6.3E-04	1.05E-03	6.63E-07	8.61E-04	5.71E-10	1.0E+06	5.7E-04
131	0.17102	3.89E-03	6.6E-04	1.05E-03	6.95E-07	8.61E-04	5.98E-10	1.0E+06	6.0E-04
132	0.18037	3.89E-03	7.0E-04	1.05E-03	7.33E-07	8.61E-04	6.31E-10	1.0E+06	6.3E-04
133	0.19205	3.89E-03	7.5E-04	1.05E-03	7.80E-07	8.61E-04	6.72E-10	1.0E+06	6.7E-04
134	0.20632	3.89E-03	8.0E-04	1.05E-03	8.38E-07	8.61E-04	7.22E-10	1.0E+06	7.2E-04
135	0.22441	3.89E-03	8.7E-04	1.05E-03	9.11E-07	8.61E-04	7.85E-10	1.0E+06	7.8E-04
136	0.24518	3.89E-03	9.5E-04	1.05E-03	9.96E-07	8.61E-04	8.57E-10	1.0E+06	8.6E-04
137	0.26693	3.89E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.33E-10	1.0E+06	9.3E-04
138	0.28648	3.89E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	1.00E-09	1.0E+06	1.0E-03
139	0.30384	3.89E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
140	0.31628	3.89E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
141	0.32215	3.89E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
142	0.32128	3.89E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
143	0.31434	3.89E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
144	0.30174	3.89E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
145	0.28626	3.89E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	1.00E-09	1.0E+06	1.0E-03
146	0.26851	3.89E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.39E-10	1.0E+06	9.4E-04
147	0.09103	3.89E-03	3.5E-04	1.05E-03	3.70E-07	8.61E-04	3.18E-10	1.0E+06	3.2E-04
148	0.09749	3.89E-03	3.8E-04	1.05E-03	3.96E-07	8.61E-04	3.41E-10	1.0E+06	3.4E-04
149	0.10563	3.89E-03	4.1E-04	1.05E-03	4.29E-07	8.61E-04	3.69E-10	1.0E+06	3.7E-04
150	0.17549	3.89E-03	6.8E-04	1.05E-03	7.13E-07	8.61E-04	6.14E-10	1.0E+06	6.1E-04
151	0.18545	3.89E-03	7.2E-04	1.05E-03	7.53E-07	8.61E-04	6.49E-10	1.0E+06	6.5E-04
152	0.19539	3.89E-03	7.6E-04	1.05E-03	7.94E-07	8.61E-04	6.83E-10	1.0E+06	6.8E-04
153	0.20617	3.89E-03	8.0E-04	1.05E-03	8.37E-07	8.61E-04	7.21E-10	1.0E+06	7.2E-04
154	0.21928	3.89E-03	8.5E-04	1.05E-03	8.91E-07	8.61E-04	7.67E-10	1.0E+06	7.7E-04
155	0.2351	3.89E-03	9.1E-04	1.05E-03	9.55E-07	8.61E-04	8.22E-10	1.0E+06	8.2E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
156	0.2562	3.89E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.96E-10	1.0E+06	9.0E-04
157	0.28173	3.89E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.85E-10	1.0E+06	9.9E-04
158	0.31016	3.89E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
159	0.33702	3.89E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
160	0.36055	3.89E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03
161	0.37783	3.89E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
162	0.38605	3.89E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.4E-03
163	0.38463	3.89E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03
164	0.37463	3.89E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
165	0.35784	3.89E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.3E-03
166	0.33639	3.89E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
167	0.31224	3.89E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
168	0.28708	3.89E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.00E-09	1.0E+06	1.0E-03
169	0.10124	3.89E-03	3.9E-04	1.05E-03	4.11E-07	8.61E-04	3.54E-10	1.0E+06	3.5E-04
170	0.10895	3.89E-03	4.2E-04	1.05E-03	4.42E-07	8.61E-04	3.81E-10	1.0E+06	3.8E-04
171	0.11914	3.89E-03	4.6E-04	1.05E-03	4.84E-07	8.61E-04	4.17E-10	1.0E+06	4.2E-04
172	0.12685	3.89E-03	4.9E-04	1.05E-03	5.15E-07	8.61E-04	4.44E-10	1.0E+06	4.4E-04
173	0.2107	3.89E-03	8.2E-04	1.05E-03	8.56E-07	8.61E-04	7.37E-10	1.0E+06	7.4E-04
174	0.22478	3.89E-03	8.7E-04	1.05E-03	9.13E-07	8.61E-04	7.86E-10	1.0E+06	7.9E-04
175	0.2388	3.89E-03	9.3E-04	1.05E-03	9.70E-07	8.61E-04	8.35E-10	1.0E+06	8.4E-04
176	0.25406	3.89E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.88E-10	1.0E+06	8.9E-04
177	0.27287	3.89E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.54E-10	1.0E+06	9.5E-04
178	0.29601	3.89E-03	1.2E-03	1.05E-03	1.20E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
179	0.32718	3.89E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
180	0.36403	3.89E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
181	0.40166	3.89E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
182	0.43463	3.89E-03	1.7E-03	1.05E-03	1.77E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
183	0.3998	3.89E-03	1.6E-03	1.05E-03	1.62E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
184	0.36644	3.89E-03	1.4E-03	1.05E-03	1.49E-06	8.61E-04	1.28E-09	1.0E+06	1.3E-03
185	0.12239	3.89E-03	4.8E-04	1.05E-03	4.97E-07	8.61E-04	4.28E-10	1.0E+06	4.3E-04
186	0.13492	3.89E-03	5.2E-04	1.05E-03	5.48E-07	8.61E-04	4.72E-10	1.0E+06	4.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
187	0.14494	3.89E-03	5.6E-04	1.05E-03	5.89E-07	8.61E-04	5.07E-10	1.0E+06	5.1E-04
188	0.25793	3.89E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.02E-10	1.0E+06	9.0E-04
189	0.27858	3.89E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.74E-10	1.0E+06	9.7E-04
190	0.29913	3.89E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03
191	0.32172	3.89E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
192	0.34856	3.89E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03
193	0.38488	3.89E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03
194	0.43242	3.89E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
195	0.48574	3.89E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03
196	0.53593	3.89E-03	2.1E-03	1.05E-03	2.18E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03
197	0.573	3.89E-03	2.2E-03	1.05E-03	2.33E-06	8.61E-04	2.00E-09	1.0E+06	2.0E-03
198	0.15297	3.89E-03	5.9E-04	1.05E-03	6.21E-07	8.61E-04	5.35E-10	1.0E+06	5.3E-04
199	0.16754	3.89E-03	6.5E-04	1.05E-03	6.80E-07	8.61E-04	5.86E-10	1.0E+06	5.9E-04
200	0.17419	3.89E-03	6.8E-04	1.05E-03	7.07E-07	8.61E-04	6.09E-10	1.0E+06	6.1E-04
201	0.19431	3.89E-03	7.6E-04	1.05E-03	7.89E-07	8.61E-04	6.80E-10	1.0E+06	6.8E-04
202	0.21409	3.89E-03	8.3E-04	1.05E-03	8.70E-07	8.61E-04	7.49E-10	1.0E+06	7.5E-04
203	0.22507	3.89E-03	8.7E-04	1.05E-03	9.14E-07	8.61E-04	7.87E-10	1.0E+06	7.9E-04
204	0.25605	3.89E-03	9.9E-04	1.05E-03	1.04E-06	8.61E-04	8.95E-10	1.0E+06	9.0E-04
205	0.28973	3.89E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
206	0.30373	3.89E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
207	0.35386	3.89E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
208	0.41494	3.89E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.45E-09	1.0E+06	1.5E-03
209	0.35878	3.89E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.25E-09	1.0E+06	1.3E-03
210	0.43352	3.89E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
211	0.52411	3.89E-03	2.0E-03	1.05E-03	2.13E-06	8.61E-04	1.83E-09	1.0E+06	1.8E-03
212	0.52495	3.89E-03	2.0E-03	1.05E-03	2.13E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03
213	0.6692	3.89E-03	2.6E-03	1.05E-03	2.72E-06	8.61E-04	2.34E-09	1.0E+06	2.3E-03
214	0.85669	3.89E-03	3.3E-03	1.05E-03	3.48E-06	8.61E-04	3.00E-09	1.0E+06	3.0E-03
215	0.63092	3.89E-03	2.5E-03	1.05E-03	2.56E-06	8.61E-04	2.21E-09	1.0E+06	2.2E-03
216	0.83646	3.89E-03	3.3E-03	1.05E-03	3.40E-06	8.61E-04	2.93E-09	1.0E+06	2.9E-03
217	1.13108	3.89E-03	4.4E-03	1.05E-03	4.59E-06	8.61E-04	3.96E-09	1.0E+06	4.0E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
218	1.48043	3.89E-03	5.8E-03	1.05E-03	6.01E-06	8.61E-04	5.18E-09	1.0E+06	5.2E-03
219	2.31605	3.89E-03	9.0E-03	1.05E-03	9.41E-06	8.61E-04	8.10E-09	1.0E+06	8.1E-03
220	1.85504	3.89E-03	7.2E-03	1.05E-03	7.53E-06	8.61E-04	6.49E-09	1.0E+06	6.5E-03
221	2.96399	3.89E-03	1.2E-02	1.05E-03	1.20E-05	8.61E-04	1.04E-08	1.0E+06	1.0E-02
222	2.0757	3.89E-03	8.1E-03	1.05E-03	8.43E-06	8.61E-04	7.26E-09	1.0E+06	7.3E-03
223	3.19919	3.89E-03	1.2E-02	1.05E-03	1.30E-05	8.61E-04	1.12E-08	1.0E+06	1.1E-02
224	5.32338	3.89E-03	2.1E-02	1.05E-03	2.16E-05	8.61E-04	1.86E-08	1.0E+06	1.9E-02
225	2.85376	3.89E-03	1.1E-02	1.05E-03	1.16E-05	8.61E-04	9.98E-09	1.0E+06	1.0E-02
226	4.01652	3.89E-03	1.6E-02	1.05E-03	1.63E-05	8.61E-04	1.40E-08	1.0E+06	1.4E-02
227	0.1244	3.89E-03	4.8E-04	1.05E-03	5.05E-07	8.61E-04	4.35E-10	1.0E+06	4.4E-04
228	0.11086	3.89E-03	4.3E-04	1.05E-03	4.50E-07	8.61E-04	3.88E-10	1.0E+06	3.9E-04
229	0.0995	3.89E-03	3.9E-04	1.05E-03	4.04E-07	8.61E-04	3.48E-10	1.0E+06	3.5E-04
230	0.08989	3.89E-03	3.5E-04	1.05E-03	3.65E-07	8.61E-04	3.14E-10	1.0E+06	3.1E-04
231	0.1142	3.89E-03	4.4E-04	1.05E-03	4.64E-07	8.61E-04	3.99E-10	1.0E+06	4.0E-04
232	0.10234	3.89E-03	4.0E-04	1.05E-03	4.16E-07	8.61E-04	3.58E-10	1.0E+06	3.6E-04
233	0.09232	3.89E-03	3.6E-04	1.05E-03	3.75E-07	8.61E-04	3.23E-10	1.0E+06	3.2E-04
234	0.08376	3.89E-03	3.3E-04	1.05E-03	3.40E-07	8.61E-04	2.93E-10	1.0E+06	2.9E-04
235	0.10529	3.89E-03	4.1E-04	1.05E-03	4.28E-07	8.61E-04	3.68E-10	1.0E+06	3.7E-04
236	0.09494	3.89E-03	3.7E-04	1.05E-03	3.86E-07	8.61E-04	3.32E-10	1.0E+06	3.3E-04
237	0.08607	3.89E-03	3.3E-04	1.05E-03	3.50E-07	8.61E-04	3.01E-10	1.0E+06	3.0E-04
238	0.07843	3.89E-03	3.0E-04	1.05E-03	3.19E-07	8.61E-04	2.74E-10	1.0E+06	2.7E-04
239	0.86506	3.89E-03	3.4E-03	1.05E-03	3.51E-06	8.61E-04	3.03E-09	1.0E+06	3.0E-03
240	0.74118	3.89E-03	2.9E-03	1.05E-03	3.01E-06	8.61E-04	2.59E-09	1.0E+06	2.6E-03
241	0.64195	3.89E-03	2.5E-03	1.05E-03	2.61E-06	8.61E-04	2.24E-09	1.0E+06	2.2E-03
242	0.56124	3.89E-03	2.2E-03	1.05E-03	2.28E-06	8.61E-04	1.96E-09	1.0E+06	2.0E-03
243	0.75935	3.89E-03	3.0E-03	1.05E-03	3.08E-06	8.61E-04	2.66E-09	1.0E+06	2.7E-03
244	0.65766	3.89E-03	2.6E-03	1.05E-03	2.67E-06	8.61E-04	2.30E-09	1.0E+06	2.3E-03
245	0.57482	3.89E-03	2.2E-03	1.05E-03	2.33E-06	8.61E-04	2.01E-09	1.0E+06	2.0E-03
246	0.50646	3.89E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03
247	0.67159	3.89E-03	2.6E-03	1.05E-03	2.73E-06	8.61E-04	2.35E-09	1.0E+06	2.3E-03
248	0.5874	3.89E-03	2.3E-03	1.05E-03	2.39E-06	8.61E-04	2.05E-09	1.0E+06	2.1E-03



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
249	0.51769	3.89E-03	2.0E-03	1.05E-03	2.10E-06	8.61E-04	1.81E-09	1.0E+06	1.8E-03
250	0.4593	3.89E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03
251	0.26849	3.89E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.39E-10	1.0E+06	9.4E-04
252	0.2467	3.89E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.63E-10	1.0E+06	8.6E-04
253	0.32264	3.89E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
254	0.29511	3.89E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
255	0.24916	3.89E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.71E-10	1.0E+06	8.7E-04
256	0.2299	3.89E-03	8.9E-04	1.05E-03	9.34E-07	8.61E-04	8.04E-10	1.0E+06	8.0E-04
257	0.18366	3.89E-03	7.1E-04	1.05E-03	7.46E-07	8.61E-04	6.42E-10	1.0E+06	6.4E-04
258	0.29564	3.89E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
259	0.27177	3.89E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.50E-10	1.0E+06	9.5E-04
260	0.25044	3.89E-03	9.7E-04	1.05E-03	1.02E-06	8.61E-04	8.76E-10	1.0E+06	8.8E-04
261	0.23145	3.89E-03	9.0E-04	1.05E-03	9.40E-07	8.61E-04	8.09E-10	1.0E+06	8.1E-04
262	0.21444	3.89E-03	8.3E-04	1.05E-03	8.71E-07	8.61E-04	7.50E-10	1.0E+06	7.5E-04
263	0.17309	3.89E-03	6.7E-04	1.05E-03	7.03E-07	8.61E-04	6.05E-10	1.0E+06	6.1E-04
264	0.25066	3.89E-03	9.7E-04	1.05E-03	1.02E-06	8.61E-04	8.77E-10	1.0E+06	8.8E-04
265	0.23203	3.89E-03	9.0E-04	1.05E-03	9.42E-07	8.61E-04	8.11E-10	1.0E+06	8.1E-04
266	0.21527	3.89E-03	8.4E-04	1.05E-03	8.74E-07	8.61E-04	7.53E-10	1.0E+06	7.5E-04
267	0.20018	3.89E-03	7.8E-04	1.05E-03	8.13E-07	8.61E-04	7.00E-10	1.0E+06	7.0E-04
268	0.16325	3.89E-03	6.3E-04	1.05E-03	6.63E-07	8.61E-04	5.71E-10	1.0E+06	5.7E-04
269	0.23768	3.89E-03	9.2E-04	1.05E-03	9.65E-07	8.61E-04	8.31E-10	1.0E+06	8.3E-04
270	0.20554	3.89E-03	8.0E-04	1.05E-03	8.35E-07	8.61E-04	7.19E-10	1.0E+06	7.2E-04
271	0.17934	3.89E-03	7.0E-04	1.05E-03	7.28E-07	8.61E-04	6.27E-10	1.0E+06	6.3E-04
272	0.15777	3.89E-03	6.1E-04	1.05E-03	6.41E-07	8.61E-04	5.52E-10	1.0E+06	5.5E-04
273	0.13987	3.89E-03	5.4E-04	1.05E-03	5.68E-07	8.61E-04	4.89E-10	1.0E+06	4.9E-04
274	0.12489	3.89E-03	4.9E-04	1.05E-03	5.07E-07	8.61E-04	4.37E-10	1.0E+06	4.4E-04
275	0.11219	3.89E-03	4.4E-04	1.05E-03	4.56E-07	8.61E-04	3.92E-10	1.0E+06	3.9E-04
276	0.21786	3.89E-03	8.5E-04	1.05E-03	8.85E-07	8.61E-04	7.62E-10	1.0E+06	7.6E-04
277	0.1886	3.89E-03	7.3E-04	1.05E-03	7.66E-07	8.61E-04	6.60E-10	1.0E+06	6.6E-04
278	0.16485	3.89E-03	6.4E-04	1.05E-03	6.70E-07	8.61E-04	5.77E-10	1.0E+06	5.8E-04
279	0.14536	3.89E-03	5.6E-04	1.05E-03	5.90E-07	8.61E-04	5.08E-10	1.0E+06	5.1E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.1292	3.89E-03	5.0E-04	1.05E-03	5.25E-07	8.61E-04	4.52E-10	1.0E+06	4.5E-04
281	0.11568	3.89E-03	4.5E-04	1.05E-03	4.70E-07	8.61E-04	4.05E-10	1.0E+06	4.0E-04
282	0.10425	3.89E-03	4.1E-04	1.05E-03	4.23E-07	8.61E-04	3.65E-10	1.0E+06	3.6E-04
283	0.19733	3.89E-03	7.7E-04	1.05E-03	8.01E-07	8.61E-04	6.90E-10	1.0E+06	6.9E-04
284	0.17147	3.89E-03	6.7E-04	1.05E-03	6.96E-07	8.61E-04	6.00E-10	1.0E+06	6.0E-04
285	0.15046	3.89E-03	5.8E-04	1.05E-03	6.11E-07	8.61E-04	5.26E-10	1.0E+06	5.3E-04
286	0.13319	3.89E-03	5.2E-04	1.05E-03	5.41E-07	8.61E-04	4.66E-10	1.0E+06	4.7E-04
287	0.11883	3.89E-03	4.6E-04	1.05E-03	4.83E-07	8.61E-04	4.16E-10	1.0E+06	4.2E-04
288	0.10679	3.89E-03	4.1E-04	1.05E-03	4.34E-07	8.61E-04	3.73E-10	1.0E+06	3.7E-04
289	0.09658	3.89E-03	3.8E-04	1.05E-03	3.92E-07	8.61E-04	3.38E-10	1.0E+06	3.4E-04
290	0.17745	3.89E-03	6.9E-04	1.05E-03	7.21E-07	8.61E-04	6.21E-10	1.0E+06	6.2E-04
291	0.15505	3.89E-03	6.0E-04	1.05E-03	6.30E-07	8.61E-04	5.42E-10	1.0E+06	5.4E-04
292	0.13677	3.89E-03	5.3E-04	1.05E-03	5.55E-07	8.61E-04	4.78E-10	1.0E+06	4.8E-04
293	0.12166	3.89E-03	4.7E-04	1.05E-03	4.94E-07	8.61E-04	4.25E-10	1.0E+06	4.3E-04
294	0.10904	3.89E-03	4.2E-04	1.05E-03	4.43E-07	8.61E-04	3.81E-10	1.0E+06	3.8E-04
295	0.0984	3.89E-03	3.8E-04	1.05E-03	4.00E-07	8.61E-04	3.44E-10	1.0E+06	3.4E-04
296	0.08935	3.89E-03	3.5E-04	1.05E-03	3.63E-07	8.61E-04	3.12E-10	1.0E+06	3.1E-04
297	0.15911	3.89E-03	6.2E-04	1.05E-03	6.46E-07	8.61E-04	5.56E-10	1.0E+06	5.6E-04
298	0.13993	3.89E-03	5.4E-04	1.05E-03	5.68E-07	8.61E-04	4.89E-10	1.0E+06	4.9E-04
299	0.12416	3.89E-03	4.8E-04	1.05E-03	5.04E-07	8.61E-04	4.34E-10	1.0E+06	4.3E-04
300	0.11104	3.89E-03	4.3E-04	1.05E-03	4.51E-07	8.61E-04	3.88E-10	1.0E+06	3.9E-04
301	0.10001	3.89E-03	3.9E-04	1.05E-03	4.06E-07	8.61E-04	3.50E-10	1.0E+06	3.5E-04
302	0.09065	3.89E-03	3.5E-04	1.05E-03	3.68E-07	8.61E-04	3.17E-10	1.0E+06	3.2E-04
303	0.08264	3.89E-03	3.2E-04	1.05E-03	3.36E-07	8.61E-04	2.89E-10	1.0E+06	2.9E-04
304	0.14274	3.89E-03	5.5E-04	1.05E-03	5.80E-07	8.61E-04	4.99E-10	1.0E+06	5.0E-04
305	0.12639	3.89E-03	4.9E-04	1.05E-03	5.13E-07	8.61E-04	4.42E-10	1.0E+06	4.4E-04
306	0.11282	3.89E-03	4.4E-04	1.05E-03	4.58E-07	8.61E-04	3.95E-10	1.0E+06	3.9E-04
307	0.10144	3.89E-03	3.9E-04	1.05E-03	4.12E-07	8.61E-04	3.55E-10	1.0E+06	3.5E-04
308	0.09181	3.89E-03	3.6E-04	1.05E-03	3.73E-07	8.61E-04	3.21E-10	1.0E+06	3.2E-04
309	0.08359	3.89E-03	3.2E-04	1.05E-03	3.39E-07	8.61E-04	2.92E-10	1.0E+06	2.9E-04
310	0.07651	3.89E-03	3.0E-04	1.05E-03	3.11E-07	8.61E-04	2.68E-10	1.0E+06	2.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.12858	3.89E-03	5.0E-04	1.05E-03	5.22E-07	8.61E-04	4.50E-10	1.0E+06	4.5E-04
312	0.11456	3.89E-03	4.5E-04	1.05E-03	4.65E-07	8.61E-04	4.01E-10	1.0E+06	4.0E-04
313	0.10285	3.89E-03	4.0E-04	1.05E-03	4.18E-07	8.61E-04	3.60E-10	1.0E+06	3.6E-04
314	0.09295	3.89E-03	3.6E-04	1.05E-03	3.78E-07	8.61E-04	3.25E-10	1.0E+06	3.3E-04
315	0.08451	3.89E-03	3.3E-04	1.05E-03	3.43E-07	8.61E-04	2.96E-10	1.0E+06	3.0E-04
316	0.07726	3.89E-03	3.0E-04	1.05E-03	3.14E-07	8.61E-04	2.70E-10	1.0E+06	2.7E-04
317	0.07098	3.89E-03	2.8E-04	1.05E-03	2.88E-07	8.61E-04	2.48E-10	1.0E+06	2.5E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Paving Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	4.13E-05
2	5	4.37E-05
3	5	4.59E-05
4	5	5.84E-05
5	5	6.01E-05
6	5	6.17E-05
7	5	6.34E-05
8	5	6.51E-05
9	5	6.71E-05
10	5	6.94E-05
11	5	7.22E-05
12	5	7.56E-05
13	5	7.96E-05
14	5	8.41E-05
15	5	8.92E-05
16	5	9.48E-05
17	5	1.00E-04
18	5	1.06E-04
19	5	1.11E-04
20	5	1.16E-04
21	5	1.20E-04
22	5	1.22E-04
23	5	1.23E-04
24	5	1.23E-04
25	5	1.22E-04
26	5	4.48E-05
27	5	4.73E-05
28	5	4.99E-05
29	5	6.51E-05
30	5	6.72E-05
31	5	6.92E-05

Max	Receptor #
0.004	224

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	7.13E-05
33	5	7.34E-05
34	5	7.59E-05
35	5	7.88E-05
36	5	8.23E-05
37	5	8.67E-05
38	5	9.17E-05
39	5	9.76E-05
40	5	1.04E-04
41	5	1.11E-04
42	5	1.17E-04
43	5	1.24E-04
44	5	1.30E-04
45	5	1.34E-04
46	5	1.38E-04
47	5	1.39E-04
48	5	1.39E-04
49	5	1.38E-04
50	5	1.35E-04
51	5	4.86E-05
52	5	5.15E-05
53	5	5.45E-05
54	5	7.31E-05
55	5	7.58E-05
56	5	7.83E-05
57	5	8.09E-05
58	5	8.36E-05
59	5	8.67E-05
60	5	9.05E-05
61	5	9.51E-05
62	5	1.01E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	1.07E-04
64	5	1.15E-04
65	5	1.23E-04
66	5	1.31E-04
67	5	1.39E-04
68	5	1.47E-04
69	5	1.52E-04
70	5	1.56E-04
71	5	1.58E-04
72	5	1.58E-04
73	5	1.56E-04
74	5	1.53E-04
75	5	1.47E-04
76	5	5.30E-05
77	5	5.62E-05
78	5	5.98E-05
79	5	8.28E-05
80	5	8.62E-05
81	5	8.95E-05
82	5	9.28E-05
83	5	9.63E-05
84	5	1.00E-04
85	5	1.05E-04
86	5	1.11E-04
87	5	1.19E-04
88	5	1.27E-04
89	5	1.37E-04
90	5	1.48E-04
91	5	1.57E-04
92	5	1.67E-04
93	5	1.74E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	1.80E-04
95	5	1.82E-04
96	5	1.82E-04
97	5	1.79E-04
98	5	1.74E-04
99	5	1.68E-04
100	5	1.60E-04
101	5	5.80E-05
102	5	6.17E-05
103	5	6.61E-05
104	5	9.48E-05
105	5	9.92E-05
106	5	1.03E-04
107	5	1.08E-04
108	5	1.12E-04
109	5	1.18E-04
110	5	1.24E-04
111	5	1.32E-04
112	5	1.42E-04
113	5	1.54E-04
114	5	1.67E-04
115	5	1.80E-04
116	5	1.92E-04
117	5	2.02E-04
118	5	2.09E-04
119	5	2.12E-04
120	5	2.11E-04
121	5	2.08E-04
122	5	2.01E-04
123	5	1.92E-04
124	5	1.82E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	6.39E-05
126	5	6.82E-05
127	5	7.33E-05
128	5	1.15E-04
129	5	1.21E-04
130	5	1.27E-04
131	5	1.33E-04
132	5	1.40E-04
133	5	1.49E-04
134	5	1.60E-04
135	5	1.74E-04
136	5	1.91E-04
137	5	2.07E-04
138	5	2.23E-04
139	5	2.36E-04
140	5	2.46E-04
141	5	2.50E-04
142	5	2.50E-04
143	5	2.44E-04
144	5	2.34E-04
145	5	2.22E-04
146	5	2.09E-04
147	5	7.07E-05
148	5	7.58E-05
149	5	8.21E-05
150	5	1.36E-04
151	5	1.44E-04
152	5	1.52E-04
153	5	1.60E-04
154	5	1.70E-04
155	5	1.83E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	1.99E-04
157	5	2.19E-04
158	5	2.41E-04
159	5	2.62E-04
160	5	2.80E-04
161	5	2.94E-04
162	5	3.00E-04
163	5	2.99E-04
164	5	2.91E-04
165	5	2.78E-04
166	5	2.61E-04
167	5	2.43E-04
168	5	2.23E-04
169	5	7.87E-05
170	5	8.47E-05
171	5	9.26E-05
172	5	9.86E-05
173	5	1.64E-04
174	5	1.75E-04
175	5	1.86E-04
176	5	1.97E-04
177	5	2.12E-04
178	5	2.30E-04
179	5	2.54E-04
180	5	2.83E-04
181	5	3.12E-04
182	5	3.38E-04
183	5	3.11E-04
184	5	2.85E-04
185	5	9.51E-05
186	5	1.05E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	1.13E-04
188	5	2.00E-04
189	5	2.16E-04
190	5	2.32E-04
191	5	2.50E-04
192	5	2.71E-04
193	5	2.99E-04
194	5	3.36E-04
195	5	3.77E-04
196	5	4.17E-04
197	5	4.45E-04
198	5	1.19E-04
199	5	1.30E-04
200	5	1.35E-04
201	5	1.51E-04
202	5	1.66E-04
203	5	1.75E-04
204	5	1.99E-04
205	5	2.25E-04
206	5	2.36E-04
207	5	2.75E-04
208	5	3.22E-04
209	5	2.79E-04
210	5	3.37E-04
211	5	4.07E-04
212	5	4.08E-04
213	5	5.20E-04
214	5	6.66E-04
215	5	4.90E-04
216	5	6.50E-04
217	5	8.79E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	1.15E-03
219	5	1.80E-03
220	5	1.44E-03
221	5	2.30E-03
222	5	1.61E-03
223	5	2.49E-03
224	5	4.14E-03
225	5	2.22E-03
226	5	3.12E-03
227	5	9.67E-05
228	5	8.62E-05
229	5	7.73E-05
230	5	6.99E-05
231	5	8.88E-05
232	5	7.95E-05
233	5	7.17E-05
234	5	6.51E-05
235	5	8.18E-05
236	5	7.38E-05
237	5	6.69E-05
238	5	6.10E-05
239	5	6.72E-04
240	5	5.76E-04
241	5	4.99E-04
242	5	4.36E-04
243	5	5.90E-04
244	5	5.11E-04
245	5	4.47E-04
246	5	3.94E-04
247	5	5.22E-04
248	5	4.57E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	4.02E-04
250	5	3.57E-04
251	5	2.09E-04
252	5	1.92E-04
253	5	2.51E-04
254	5	2.29E-04
255	5	1.94E-04
256	5	1.79E-04
257	5	1.43E-04
258	5	2.30E-04
259	5	2.11E-04
260	5	1.95E-04
261	5	1.80E-04
262	5	1.67E-04
263	5	1.35E-04
264	5	1.95E-04
265	5	1.80E-04
266	5	1.67E-04
267	5	1.56E-04
268	5	1.27E-04
269	5	1.85E-04
270	5	1.60E-04
271	5	1.39E-04
272	5	1.23E-04
273	5	1.09E-04
274	5	9.71E-05
275	5	8.72E-05
276	5	1.69E-04
277	5	1.47E-04
278	5	1.28E-04
279	5	1.13E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	1.00E-04
281	5	8.99E-05
282	5	8.10E-05
283	5	1.53E-04
284	5	1.33E-04
285	5	1.17E-04
286	5	1.04E-04
287	5	9.23E-05
288	5	8.30E-05
289	5	7.51E-05
290	5	1.38E-04
291	5	1.20E-04
292	5	1.06E-04
293	5	9.45E-05
294	5	8.47E-05
295	5	7.65E-05
296	5	6.94E-05
297	5	1.24E-04
298	5	1.09E-04
299	5	9.65E-05
300	5	8.63E-05
301	5	7.77E-05
302	5	7.04E-05
303	5	6.42E-05
304	5	1.11E-04
305	5	9.82E-05
306	5	8.77E-05
307	5	7.88E-05
308	5	7.14E-05
309	5	6.50E-05
310	5	5.95E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	9.99E-05
312	5	8.90E-05
313	5	7.99E-05
314	5	7.22E-05
315	5	6.57E-05
316	5	6.00E-05
317	5	5.52E-05

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Parcel 1-H: Unmitigated - Parcel 1 - Architectural Coating Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05296	8.92E-04	4.7E-05	1.05E-03	4.94E-08	8.61E-04	4.25E-11	1.0E+06	4.3E-05
2	0.05711	8.92E-04	5.1E-05	1.05E-03	5.32E-08	8.61E-04	4.59E-11	1.0E+06	4.6E-05
3	0.05926	8.92E-04	5.3E-05	1.05E-03	5.53E-08	8.61E-04	4.76E-11	1.0E+06	4.8E-05
4	0.07524	8.92E-04	6.7E-05	1.05E-03	7.02E-08	8.61E-04	6.04E-11	1.0E+06	6.0E-05
5	0.07742	8.92E-04	6.9E-05	1.05E-03	7.22E-08	8.61E-04	6.22E-11	1.0E+06	6.2E-05
6	0.07953	8.92E-04	7.1E-05	1.05E-03	7.42E-08	8.61E-04	6.39E-11	1.0E+06	6.4E-05
7	0.08164	8.92E-04	7.3E-05	1.05E-03	7.61E-08	8.61E-04	6.55E-11	1.0E+06	6.6E-05
8	0.08388	8.92E-04	7.5E-05	1.05E-03	7.82E-08	8.61E-04	6.73E-11	1.0E+06	6.7E-05
9	0.08638	8.92E-04	7.7E-05	1.05E-03	8.05E-08	8.61E-04	6.93E-11	1.0E+06	6.9E-05
10	0.08932	8.92E-04	8.0E-05	1.05E-03	8.33E-08	8.61E-04	7.17E-11	1.0E+06	7.2E-05
11	0.09289	8.92E-04	8.3E-05	1.05E-03	8.66E-08	8.61E-04	7.46E-11	1.0E+06	7.5E-05
12	0.09727	8.92E-04	8.7E-05	1.05E-03	9.07E-08	8.61E-04	7.81E-11	1.0E+06	7.8E-05
13	0.10258	8.92E-04	9.2E-05	1.05E-03	9.56E-08	8.61E-04	8.24E-11	1.0E+06	8.2E-05
14	0.10834	8.92E-04	9.7E-05	1.05E-03	1.01E-07	8.61E-04	8.70E-11	1.0E+06	8.7E-05
15	0.11486	8.92E-04	1.0E-04	1.05E-03	1.07E-07	8.61E-04	9.22E-11	1.0E+06	9.2E-05
16	0.1215	8.92E-04	1.1E-04	1.05E-03	1.13E-07	8.61E-04	9.75E-11	1.0E+06	9.8E-05
17	0.12867	8.92E-04	1.1E-04	1.05E-03	1.20E-07	8.61E-04	1.03E-10	1.0E+06	1.0E-04
18	0.1362	8.92E-04	1.2E-04	1.05E-03	1.27E-07	8.61E-04	1.09E-10	1.0E+06	1.1E-04
19	0.1432	8.92E-04	1.3E-04	1.05E-03	1.34E-07	8.61E-04	1.15E-10	1.0E+06	1.1E-04
20	0.14927	8.92E-04	1.3E-04	1.05E-03	1.39E-07	8.61E-04	1.20E-10	1.0E+06	1.2E-04
21	0.15409	8.92E-04	1.4E-04	1.05E-03	1.44E-07	8.61E-04	1.24E-10	1.0E+06	1.2E-04
22	0.15742	8.92E-04	1.4E-04	1.05E-03	1.47E-07	8.61E-04	1.26E-10	1.0E+06	1.3E-04
23	0.15914	8.92E-04	1.4E-04	1.05E-03	1.48E-07	8.61E-04	1.28E-10	1.0E+06	1.3E-04
24	0.15925	8.92E-04	1.4E-04	1.05E-03	1.48E-07	8.61E-04	1.28E-10	1.0E+06	1.3E-04
25	0.15783	8.92E-04	1.4E-04	1.05E-03	1.47E-07	8.61E-04	1.27E-10	1.0E+06	1.3E-04
26	0.05724	8.92E-04	5.1E-05	1.05E-03	5.34E-08	8.61E-04	4.60E-11	1.0E+06	4.6E-05
27	0.06185	8.92E-04	5.5E-05	1.05E-03	5.77E-08	8.61E-04	4.97E-11	1.0E+06	5.0E-05
28	0.06439	8.92E-04	5.7E-05	1.05E-03	6.00E-08	8.61E-04	5.17E-11	1.0E+06	5.2E-05
29	0.08388	8.92E-04	7.5E-05	1.05E-03	7.82E-08	8.61E-04	6.73E-11	1.0E+06	6.7E-05
30	0.08659	8.92E-04	7.7E-05	1.05E-03	8.07E-08	8.61E-04	6.95E-11	1.0E+06	7.0E-05
31	0.0892	8.92E-04	8.0E-05	1.05E-03	8.32E-08	8.61E-04	7.16E-11	1.0E+06	7.2E-05

<b>Max</b>	<b>Receptor #</b>
0.00445	224



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.09182	8.92E-04	8.2E-05	1.05E-03	8.56E-08	8.61E-04	7.37E-11	1.0E+06	7.4E-05
33	0.09458	8.92E-04	8.4E-05	1.05E-03	8.82E-08	8.61E-04	7.59E-11	1.0E+06	7.6E-05
34	0.0977	8.92E-04	8.7E-05	1.05E-03	9.11E-08	8.61E-04	7.84E-11	1.0E+06	7.8E-05
35	0.10141	8.92E-04	9.0E-05	1.05E-03	9.46E-08	8.61E-04	8.14E-11	1.0E+06	8.1E-05
36	0.10597	8.92E-04	9.5E-05	1.05E-03	9.88E-08	8.61E-04	8.51E-11	1.0E+06	8.5E-05
37	0.11169	8.92E-04	1.0E-04	1.05E-03	1.04E-07	8.61E-04	8.97E-11	1.0E+06	9.0E-05
38	0.11808	8.92E-04	1.1E-04	1.05E-03	1.10E-07	8.61E-04	9.48E-11	1.0E+06	9.5E-05
39	0.12562	8.92E-04	1.1E-04	1.05E-03	1.17E-07	8.61E-04	1.01E-10	1.0E+06	1.0E-04
40	0.13382	8.92E-04	1.2E-04	1.05E-03	1.25E-07	8.61E-04	1.07E-10	1.0E+06	1.1E-04
41	0.14205	8.92E-04	1.3E-04	1.05E-03	1.32E-07	8.61E-04	1.14E-10	1.0E+06	1.1E-04
42	0.15137	8.92E-04	1.4E-04	1.05E-03	1.41E-07	8.61E-04	1.22E-10	1.0E+06	1.2E-04
43	0.15952	8.92E-04	1.4E-04	1.05E-03	1.49E-07	8.61E-04	1.28E-10	1.0E+06	1.3E-04
44	0.16713	8.92E-04	1.5E-04	1.05E-03	1.56E-07	8.61E-04	1.34E-10	1.0E+06	1.3E-04
45	0.17318	8.92E-04	1.5E-04	1.05E-03	1.61E-07	8.61E-04	1.39E-10	1.0E+06	1.4E-04
46	0.17735	8.92E-04	1.6E-04	1.05E-03	1.65E-07	8.61E-04	1.42E-10	1.0E+06	1.4E-04
47	0.17947	8.92E-04	1.6E-04	1.05E-03	1.67E-07	8.61E-04	1.44E-10	1.0E+06	1.4E-04
48	0.17952	8.92E-04	1.6E-04	1.05E-03	1.67E-07	8.61E-04	1.44E-10	1.0E+06	1.4E-04
49	0.17762	8.92E-04	1.6E-04	1.05E-03	1.66E-07	8.61E-04	1.43E-10	1.0E+06	1.4E-04
50	0.17399	8.92E-04	1.6E-04	1.05E-03	1.62E-07	8.61E-04	1.40E-10	1.0E+06	1.4E-04
51	0.06214	8.92E-04	5.5E-05	1.05E-03	5.79E-08	8.61E-04	4.99E-11	1.0E+06	5.0E-05
52	0.06718	8.92E-04	6.0E-05	1.05E-03	6.26E-08	8.61E-04	5.39E-11	1.0E+06	5.4E-05
53	0.07029	8.92E-04	6.3E-05	1.05E-03	6.55E-08	8.61E-04	5.64E-11	1.0E+06	5.6E-05
54	0.09423	8.92E-04	8.4E-05	1.05E-03	8.79E-08	8.61E-04	7.57E-11	1.0E+06	7.6E-05
55	0.09764	8.92E-04	8.7E-05	1.05E-03	9.10E-08	8.61E-04	7.84E-11	1.0E+06	7.8E-05
56	0.10091	8.92E-04	9.0E-05	1.05E-03	9.41E-08	8.61E-04	8.10E-11	1.0E+06	8.1E-05
57	0.10419	8.92E-04	9.3E-05	1.05E-03	9.71E-08	8.61E-04	8.36E-11	1.0E+06	8.4E-05
58	0.10766	8.92E-04	9.6E-05	1.05E-03	1.00E-07	8.61E-04	8.64E-11	1.0E+06	8.6E-05
59	0.11162	8.92E-04	1.0E-04	1.05E-03	1.04E-07	8.61E-04	8.96E-11	1.0E+06	9.0E-05
60	0.11641	8.92E-04	1.0E-04	1.05E-03	1.09E-07	8.61E-04	9.35E-11	1.0E+06	9.3E-05
61	0.12236	8.92E-04	1.1E-04	1.05E-03	1.14E-07	8.61E-04	9.82E-11	1.0E+06	9.8E-05
62	0.12987	8.92E-04	1.2E-04	1.05E-03	1.21E-07	8.61E-04	1.04E-10	1.0E+06	1.0E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
63	0.13803	8.92E-04	1.2E-04	1.05E-03	1.29E-07	8.61E-04	1.11E-10	1.0E+06	1.1E-04
64	0.14772	8.92E-04	1.3E-04	1.05E-03	1.38E-07	8.61E-04	1.19E-10	1.0E+06	1.2E-04
65	0.15809	8.92E-04	1.4E-04	1.05E-03	1.47E-07	8.61E-04	1.27E-10	1.0E+06	1.3E-04
66	0.16839	8.92E-04	1.5E-04	1.05E-03	1.57E-07	8.61E-04	1.35E-10	1.0E+06	1.4E-04
67	0.17951	8.92E-04	1.6E-04	1.05E-03	1.67E-07	8.61E-04	1.44E-10	1.0E+06	1.4E-04
68	0.18937	8.92E-04	1.7E-04	1.05E-03	1.77E-07	8.61E-04	1.52E-10	1.0E+06	1.5E-04
69	0.19623	8.92E-04	1.8E-04	1.05E-03	1.83E-07	8.61E-04	1.58E-10	1.0E+06	1.6E-04
70	0.20159	8.92E-04	1.8E-04	1.05E-03	1.88E-07	8.61E-04	1.62E-10	1.0E+06	1.6E-04
71	0.20424	8.92E-04	1.8E-04	1.05E-03	1.90E-07	8.61E-04	1.64E-10	1.0E+06	1.6E-04
72	0.20419	8.92E-04	1.8E-04	1.05E-03	1.90E-07	8.61E-04	1.64E-10	1.0E+06	1.6E-04
73	0.20163	8.92E-04	1.8E-04	1.05E-03	1.88E-07	8.61E-04	1.62E-10	1.0E+06	1.6E-04
74	0.19686	8.92E-04	1.8E-04	1.05E-03	1.84E-07	8.61E-04	1.58E-10	1.0E+06	1.6E-04
75	0.19029	8.92E-04	1.7E-04	1.05E-03	1.77E-07	8.61E-04	1.53E-10	1.0E+06	1.5E-04
76	0.06778	8.92E-04	6.0E-05	1.05E-03	6.32E-08	8.61E-04	5.44E-11	1.0E+06	5.4E-05
77	0.07329	8.92E-04	6.5E-05	1.05E-03	6.83E-08	8.61E-04	5.88E-11	1.0E+06	5.9E-05
78	0.07716	8.92E-04	6.9E-05	1.05E-03	7.19E-08	8.61E-04	6.19E-11	1.0E+06	6.2E-05
79	0.10675	8.92E-04	9.5E-05	1.05E-03	9.95E-08	8.61E-04	8.57E-11	1.0E+06	8.6E-05
80	0.11111	8.92E-04	9.9E-05	1.05E-03	1.04E-07	8.61E-04	8.92E-11	1.0E+06	8.9E-05
81	0.11528	8.92E-04	1.0E-04	1.05E-03	1.07E-07	8.61E-04	9.26E-11	1.0E+06	9.3E-05
82	0.11945	8.92E-04	1.1E-04	1.05E-03	1.11E-07	8.61E-04	9.59E-11	1.0E+06	9.6E-05
83	0.1239	8.92E-04	1.1E-04	1.05E-03	1.16E-07	8.61E-04	9.95E-11	1.0E+06	9.9E-05
84	0.12903	8.92E-04	1.2E-04	1.05E-03	1.20E-07	8.61E-04	1.04E-10	1.0E+06	1.0E-04
85	0.13534	8.92E-04	1.2E-04	1.05E-03	1.26E-07	8.61E-04	1.09E-10	1.0E+06	1.1E-04
86	0.14344	8.92E-04	1.3E-04	1.05E-03	1.34E-07	8.61E-04	1.15E-10	1.0E+06	1.2E-04
87	0.15256	8.92E-04	1.4E-04	1.05E-03	1.42E-07	8.61E-04	1.22E-10	1.0E+06	1.2E-04
88	0.16385	8.92E-04	1.5E-04	1.05E-03	1.53E-07	8.61E-04	1.32E-10	1.0E+06	1.3E-04
89	0.17645	8.92E-04	1.6E-04	1.05E-03	1.65E-07	8.61E-04	1.42E-10	1.0E+06	1.4E-04
90	0.18926	8.92E-04	1.7E-04	1.05E-03	1.76E-07	8.61E-04	1.52E-10	1.0E+06	1.5E-04
91	0.20259	8.92E-04	1.8E-04	1.05E-03	1.89E-07	8.61E-04	1.63E-10	1.0E+06	1.6E-04
92	0.21519	8.92E-04	1.9E-04	1.05E-03	2.01E-07	8.61E-04	1.73E-10	1.0E+06	1.7E-04
93	0.22554	8.92E-04	2.0E-04	1.05E-03	2.10E-07	8.61E-04	1.81E-10	1.0E+06	1.8E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
94	0.23273	8.92E-04	2.1E-04	1.05E-03	2.17E-07	8.61E-04	1.87E-10	1.0E+06	1.9E-04
95	0.23632	8.92E-04	2.1E-04	1.05E-03	2.20E-07	8.61E-04	1.90E-10	1.0E+06	1.9E-04
96	0.23623	8.92E-04	2.1E-04	1.05E-03	2.20E-07	8.61E-04	1.90E-10	1.0E+06	1.9E-04
97	0.23275	8.92E-04	2.1E-04	1.05E-03	2.17E-07	8.61E-04	1.87E-10	1.0E+06	1.9E-04
98	0.22477	8.92E-04	2.0E-04	1.05E-03	2.10E-07	8.61E-04	1.80E-10	1.0E+06	1.8E-04
99	0.21616	8.92E-04	1.9E-04	1.05E-03	2.02E-07	8.61E-04	1.74E-10	1.0E+06	1.7E-04
100	0.2059	8.92E-04	1.8E-04	1.05E-03	1.92E-07	8.61E-04	1.65E-10	1.0E+06	1.7E-04
101	0.0743	8.92E-04	6.6E-05	1.05E-03	6.93E-08	8.61E-04	5.97E-11	1.0E+06	6.0E-05
102	0.08029	8.92E-04	7.2E-05	1.05E-03	7.49E-08	8.61E-04	6.45E-11	1.0E+06	6.4E-05
103	0.0852	8.92E-04	7.6E-05	1.05E-03	7.94E-08	8.61E-04	6.84E-11	1.0E+06	6.8E-05
104	0.1221	8.92E-04	1.1E-04	1.05E-03	1.14E-07	8.61E-04	9.80E-11	1.0E+06	9.8E-05
105	0.12777	8.92E-04	1.1E-04	1.05E-03	1.19E-07	8.61E-04	1.03E-10	1.0E+06	1.0E-04
106	0.13321	8.92E-04	1.2E-04	1.05E-03	1.24E-07	8.61E-04	1.07E-10	1.0E+06	1.1E-04
107	0.13862	8.92E-04	1.2E-04	1.05E-03	1.29E-07	8.61E-04	1.11E-10	1.0E+06	1.1E-04
108	0.14443	8.92E-04	1.3E-04	1.05E-03	1.35E-07	8.61E-04	1.16E-10	1.0E+06	1.2E-04
109	0.15121	8.92E-04	1.3E-04	1.05E-03	1.41E-07	8.61E-04	1.21E-10	1.0E+06	1.2E-04
110	0.15976	8.92E-04	1.4E-04	1.05E-03	1.49E-07	8.61E-04	1.28E-10	1.0E+06	1.3E-04
111	0.16995	8.92E-04	1.5E-04	1.05E-03	1.58E-07	8.61E-04	1.36E-10	1.0E+06	1.4E-04
112	0.18282	8.92E-04	1.6E-04	1.05E-03	1.70E-07	8.61E-04	1.47E-10	1.0E+06	1.5E-04
113	0.19797	8.92E-04	1.8E-04	1.05E-03	1.85E-07	8.61E-04	1.59E-10	1.0E+06	1.6E-04
114	0.21434	8.92E-04	1.9E-04	1.05E-03	2.00E-07	8.61E-04	1.72E-10	1.0E+06	1.7E-04
115	0.2302	8.92E-04	2.1E-04	1.05E-03	2.15E-07	8.61E-04	1.85E-10	1.0E+06	1.8E-04
116	0.24669	8.92E-04	2.2E-04	1.05E-03	2.30E-07	8.61E-04	1.98E-10	1.0E+06	2.0E-04
117	0.26044	8.92E-04	2.3E-04	1.05E-03	2.43E-07	8.61E-04	2.09E-10	1.0E+06	2.1E-04
118	0.27005	8.92E-04	2.4E-04	1.05E-03	2.52E-07	8.61E-04	2.17E-10	1.0E+06	2.2E-04
119	0.27481	8.92E-04	2.5E-04	1.05E-03	2.56E-07	8.61E-04	2.21E-10	1.0E+06	2.2E-04
120	0.27459	8.92E-04	2.4E-04	1.05E-03	2.56E-07	8.61E-04	2.20E-10	1.0E+06	2.2E-04
121	0.26979	8.92E-04	2.4E-04	1.05E-03	2.52E-07	8.61E-04	2.17E-10	1.0E+06	2.2E-04
122	0.26116	8.92E-04	2.3E-04	1.05E-03	2.44E-07	8.61E-04	2.10E-10	1.0E+06	2.1E-04
123	0.24962	8.92E-04	2.2E-04	1.05E-03	2.33E-07	8.61E-04	2.00E-10	1.0E+06	2.0E-04
124	0.23608	8.92E-04	2.1E-04	1.05E-03	2.20E-07	8.61E-04	1.90E-10	1.0E+06	1.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
125	0.08193	8.92E-04	7.3E-05	1.05E-03	7.64E-08	8.61E-04	6.58E-11	1.0E+06	6.6E-05
126	0.08856	8.92E-04	7.9E-05	1.05E-03	8.26E-08	8.61E-04	7.11E-11	1.0E+06	7.1E-05
127	0.09458	8.92E-04	8.4E-05	1.05E-03	8.82E-08	8.61E-04	7.59E-11	1.0E+06	7.6E-05
128	0.14872	8.92E-04	1.3E-04	1.05E-03	1.39E-07	8.61E-04	1.19E-10	1.0E+06	1.2E-04
129	0.15596	8.92E-04	1.4E-04	1.05E-03	1.45E-07	8.61E-04	1.25E-10	1.0E+06	1.3E-04
130	0.16316	8.92E-04	1.5E-04	1.05E-03	1.52E-07	8.61E-04	1.31E-10	1.0E+06	1.3E-04
131	0.17089	8.92E-04	1.5E-04	1.05E-03	1.59E-07	8.61E-04	1.37E-10	1.0E+06	1.4E-04
132	0.18008	8.92E-04	1.6E-04	1.05E-03	1.68E-07	8.61E-04	1.45E-10	1.0E+06	1.4E-04
133	0.19206	8.92E-04	1.7E-04	1.05E-03	1.79E-07	8.61E-04	1.54E-10	1.0E+06	1.5E-04
134	0.20582	8.92E-04	1.8E-04	1.05E-03	1.92E-07	8.61E-04	1.65E-10	1.0E+06	1.7E-04
135	0.22366	8.92E-04	2.0E-04	1.05E-03	2.09E-07	8.61E-04	1.80E-10	1.0E+06	1.8E-04
136	0.24414	8.92E-04	2.2E-04	1.05E-03	2.28E-07	8.61E-04	1.96E-10	1.0E+06	2.0E-04
137	0.26531	8.92E-04	2.4E-04	1.05E-03	2.47E-07	8.61E-04	2.13E-10	1.0E+06	2.1E-04
138	0.2857	8.92E-04	2.5E-04	1.05E-03	2.66E-07	8.61E-04	2.29E-10	1.0E+06	2.3E-04
139	0.30429	8.92E-04	2.7E-04	1.05E-03	2.84E-07	8.61E-04	2.44E-10	1.0E+06	2.4E-04
140	0.31746	8.92E-04	2.8E-04	1.05E-03	2.96E-07	8.61E-04	2.55E-10	1.0E+06	2.5E-04
141	0.32396	8.92E-04	2.9E-04	1.05E-03	3.02E-07	8.61E-04	2.60E-10	1.0E+06	2.6E-04
142	0.32352	8.92E-04	2.9E-04	1.05E-03	3.02E-07	8.61E-04	2.60E-10	1.0E+06	2.6E-04
143	0.31679	8.92E-04	2.8E-04	1.05E-03	2.95E-07	8.61E-04	2.54E-10	1.0E+06	2.5E-04
144	0.30489	8.92E-04	2.7E-04	1.05E-03	2.84E-07	8.61E-04	2.45E-10	1.0E+06	2.4E-04
145	0.28922	8.92E-04	2.6E-04	1.05E-03	2.70E-07	8.61E-04	2.32E-10	1.0E+06	2.3E-04
146	0.27118	8.92E-04	2.4E-04	1.05E-03	2.53E-07	8.61E-04	2.18E-10	1.0E+06	2.2E-04
147	0.09084	8.92E-04	8.1E-05	1.05E-03	8.47E-08	8.61E-04	7.29E-11	1.0E+06	7.3E-05
148	0.09811	8.92E-04	8.8E-05	1.05E-03	9.15E-08	8.61E-04	7.88E-11	1.0E+06	7.9E-05
149	0.10586	8.92E-04	9.4E-05	1.05E-03	9.87E-08	8.61E-04	8.50E-11	1.0E+06	8.5E-05
150	0.17556	8.92E-04	1.6E-04	1.05E-03	1.64E-07	8.61E-04	1.41E-10	1.0E+06	1.4E-04
151	0.18542	8.92E-04	1.7E-04	1.05E-03	1.73E-07	8.61E-04	1.49E-10	1.0E+06	1.5E-04
152	0.19523	8.92E-04	1.7E-04	1.05E-03	1.82E-07	8.61E-04	1.57E-10	1.0E+06	1.6E-04
153	0.20581	8.92E-04	1.8E-04	1.05E-03	1.92E-07	8.61E-04	1.65E-10	1.0E+06	1.7E-04
154	0.21866	8.92E-04	2.0E-04	1.05E-03	2.04E-07	8.61E-04	1.76E-10	1.0E+06	1.8E-04
155	0.23455	8.92E-04	2.1E-04	1.05E-03	2.19E-07	8.61E-04	1.88E-10	1.0E+06	1.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.25503	8.92E-04	2.3E-04	1.05E-03	2.38E-07	8.61E-04	2.05E-10	1.0E+06	2.0E-04
157	0.28034	8.92E-04	2.5E-04	1.05E-03	2.61E-07	8.61E-04	2.25E-10	1.0E+06	2.3E-04
158	0.308	8.92E-04	2.7E-04	1.05E-03	2.87E-07	8.61E-04	2.47E-10	1.0E+06	2.5E-04
159	0.33621	8.92E-04	3.0E-04	1.05E-03	3.13E-07	8.61E-04	2.70E-10	1.0E+06	2.7E-04
160	0.36051	8.92E-04	3.2E-04	1.05E-03	3.36E-07	8.61E-04	2.89E-10	1.0E+06	2.9E-04
161	0.37887	8.92E-04	3.4E-04	1.05E-03	3.53E-07	8.61E-04	3.04E-10	1.0E+06	3.0E-04
162	0.38806	8.92E-04	3.5E-04	1.05E-03	3.62E-07	8.61E-04	3.12E-10	1.0E+06	3.1E-04
163	0.38731	8.92E-04	3.5E-04	1.05E-03	3.61E-07	8.61E-04	3.11E-10	1.0E+06	3.1E-04
164	0.37763	8.92E-04	3.4E-04	1.05E-03	3.52E-07	8.61E-04	3.03E-10	1.0E+06	3.0E-04
165	0.36085	8.92E-04	3.2E-04	1.05E-03	3.36E-07	8.61E-04	2.90E-10	1.0E+06	2.9E-04
166	0.33917	8.92E-04	3.0E-04	1.05E-03	3.16E-07	8.61E-04	2.72E-10	1.0E+06	2.7E-04
167	0.31469	8.92E-04	2.8E-04	1.05E-03	2.93E-07	8.61E-04	2.53E-10	1.0E+06	2.5E-04
168	0.28913	8.92E-04	2.6E-04	1.05E-03	2.70E-07	8.61E-04	2.32E-10	1.0E+06	2.3E-04
169	0.10126	8.92E-04	9.0E-05	1.05E-03	9.44E-08	8.61E-04	8.13E-11	1.0E+06	8.1E-05
170	0.1093	8.92E-04	9.8E-05	1.05E-03	1.02E-07	8.61E-04	8.78E-11	1.0E+06	8.8E-05
171	0.11939	8.92E-04	1.1E-04	1.05E-03	1.11E-07	8.61E-04	9.59E-11	1.0E+06	9.6E-05
172	0.12711	8.92E-04	1.1E-04	1.05E-03	1.19E-07	8.61E-04	1.02E-10	1.0E+06	1.0E-04
173	0.21066	8.92E-04	1.9E-04	1.05E-03	1.96E-07	8.61E-04	1.69E-10	1.0E+06	1.7E-04
174	0.22457	8.92E-04	2.0E-04	1.05E-03	2.09E-07	8.61E-04	1.80E-10	1.0E+06	1.8E-04
175	0.23835	8.92E-04	2.1E-04	1.05E-03	2.22E-07	8.61E-04	1.91E-10	1.0E+06	1.9E-04
176	0.25327	8.92E-04	2.3E-04	1.05E-03	2.36E-07	8.61E-04	2.03E-10	1.0E+06	2.0E-04
177	0.27208	8.92E-04	2.4E-04	1.05E-03	2.54E-07	8.61E-04	2.18E-10	1.0E+06	2.2E-04
178	0.29439	8.92E-04	2.6E-04	1.05E-03	2.74E-07	8.61E-04	2.36E-10	1.0E+06	2.4E-04
179	0.32492	8.92E-04	2.9E-04	1.05E-03	3.03E-07	8.61E-04	2.61E-10	1.0E+06	2.6E-04
180	0.36099	8.92E-04	3.2E-04	1.05E-03	3.37E-07	8.61E-04	2.90E-10	1.0E+06	2.9E-04
181	0.39789	8.92E-04	3.5E-04	1.05E-03	3.71E-07	8.61E-04	3.19E-10	1.0E+06	3.2E-04
182	0.43423	8.92E-04	3.9E-04	1.05E-03	4.05E-07	8.61E-04	3.49E-10	1.0E+06	3.5E-04
183	0.40323	8.92E-04	3.6E-04	1.05E-03	3.76E-07	8.61E-04	3.24E-10	1.0E+06	3.2E-04
184	0.36935	8.92E-04	3.3E-04	1.05E-03	3.44E-07	8.61E-04	2.97E-10	1.0E+06	3.0E-04
185	0.12234	8.92E-04	1.1E-04	1.05E-03	1.14E-07	8.61E-04	9.82E-11	1.0E+06	9.8E-05
186	0.13529	8.92E-04	1.2E-04	1.05E-03	1.26E-07	8.61E-04	1.09E-10	1.0E+06	1.1E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
187	0.14522	8.92E-04	1.3E-04	1.05E-03	1.35E-07	8.61E-04	1.17E-10	1.0E+06	1.2E-04
188	0.25764	8.92E-04	2.3E-04	1.05E-03	2.40E-07	8.61E-04	2.07E-10	1.0E+06	2.1E-04
189	0.278	8.92E-04	2.5E-04	1.05E-03	2.59E-07	8.61E-04	2.23E-10	1.0E+06	2.2E-04
190	0.29812	8.92E-04	2.7E-04	1.05E-03	2.78E-07	8.61E-04	2.39E-10	1.0E+06	2.4E-04
191	0.32009	8.92E-04	2.9E-04	1.05E-03	2.98E-07	8.61E-04	2.57E-10	1.0E+06	2.6E-04
192	0.34683	8.92E-04	3.1E-04	1.05E-03	3.23E-07	8.61E-04	2.78E-10	1.0E+06	2.8E-04
193	0.3813	8.92E-04	3.4E-04	1.05E-03	3.56E-07	8.61E-04	3.06E-10	1.0E+06	3.1E-04
194	0.42797	8.92E-04	3.8E-04	1.05E-03	3.99E-07	8.61E-04	3.44E-10	1.0E+06	3.4E-04
195	0.48031	8.92E-04	4.3E-04	1.05E-03	4.48E-07	8.61E-04	3.86E-10	1.0E+06	3.9E-04
196	0.53331	8.92E-04	4.8E-04	1.05E-03	4.97E-07	8.61E-04	4.28E-10	1.0E+06	4.3E-04
197	0.57149	8.92E-04	5.1E-04	1.05E-03	5.33E-07	8.61E-04	4.59E-10	1.0E+06	4.6E-04
198	0.15333	8.92E-04	1.4E-04	1.05E-03	1.43E-07	8.61E-04	1.23E-10	1.0E+06	1.2E-04
199	0.16787	8.92E-04	1.5E-04	1.05E-03	1.57E-07	8.61E-04	1.35E-10	1.0E+06	1.3E-04
200	0.17475	8.92E-04	1.6E-04	1.05E-03	1.63E-07	8.61E-04	1.40E-10	1.0E+06	1.4E-04
201	0.1947	8.92E-04	1.7E-04	1.05E-03	1.82E-07	8.61E-04	1.56E-10	1.0E+06	1.6E-04
202	0.21437	8.92E-04	1.9E-04	1.05E-03	2.00E-07	8.61E-04	1.72E-10	1.0E+06	1.7E-04
203	0.22556	8.92E-04	2.0E-04	1.05E-03	2.10E-07	8.61E-04	1.81E-10	1.0E+06	1.8E-04
204	0.2564	8.92E-04	2.3E-04	1.05E-03	2.39E-07	8.61E-04	2.06E-10	1.0E+06	2.1E-04
205	0.28975	8.92E-04	2.6E-04	1.05E-03	2.70E-07	8.61E-04	2.33E-10	1.0E+06	2.3E-04
206	0.30417	8.92E-04	2.7E-04	1.05E-03	2.84E-07	8.61E-04	2.44E-10	1.0E+06	2.4E-04
207	0.35383	8.92E-04	3.2E-04	1.05E-03	3.30E-07	8.61E-04	2.84E-10	1.0E+06	2.8E-04
208	0.41397	8.92E-04	3.7E-04	1.05E-03	3.86E-07	8.61E-04	3.32E-10	1.0E+06	3.3E-04
209	0.35935	8.92E-04	3.2E-04	1.05E-03	3.35E-07	8.61E-04	2.89E-10	1.0E+06	2.9E-04
210	0.43347	8.92E-04	3.9E-04	1.05E-03	4.04E-07	8.61E-04	3.48E-10	1.0E+06	3.5E-04
211	0.52253	8.92E-04	4.7E-04	1.05E-03	4.87E-07	8.61E-04	4.20E-10	1.0E+06	4.2E-04
212	0.52477	8.92E-04	4.7E-04	1.05E-03	4.89E-07	8.61E-04	4.21E-10	1.0E+06	4.2E-04
213	0.66685	8.92E-04	5.9E-04	1.05E-03	6.22E-07	8.61E-04	5.35E-10	1.0E+06	5.4E-04
214	0.84884	8.92E-04	7.6E-04	1.05E-03	7.91E-07	8.61E-04	6.81E-10	1.0E+06	6.8E-04
215	0.63007	8.92E-04	5.6E-04	1.05E-03	5.87E-07	8.61E-04	5.06E-10	1.0E+06	5.1E-04
216	0.8324	8.92E-04	7.4E-04	1.05E-03	7.76E-07	8.61E-04	6.68E-10	1.0E+06	6.7E-04
217	1.11776	8.92E-04	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.97E-10	1.0E+06	9.0E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
218	1.46256	8.92E-04	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
219	2.25954	8.92E-04	2.0E-03	1.05E-03	2.11E-06	8.61E-04	1.81E-09	1.0E+06	1.8E-03
220	1.85313	8.92E-04	1.7E-03	1.05E-03	1.73E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03
221	2.95537	8.92E-04	2.6E-03	1.05E-03	2.76E-06	8.61E-04	2.37E-09	1.0E+06	2.4E-03
222	2.11047	8.92E-04	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
223	3.27875	8.92E-04	2.9E-03	1.05E-03	3.06E-06	8.61E-04	2.63E-09	1.0E+06	2.6E-03
224	5.53671	8.92E-04	4.9E-03	1.05E-03	5.16E-06	8.61E-04	4.45E-09	1.0E+06	4.4E-03
225	2.92797	8.92E-04	2.6E-03	1.05E-03	2.73E-06	8.61E-04	2.35E-09	1.0E+06	2.4E-03
226	4.10053	8.92E-04	3.7E-03	1.05E-03	3.82E-06	8.61E-04	3.29E-09	1.0E+06	3.3E-03
227	0.12174	8.92E-04	1.1E-04	1.05E-03	1.14E-07	8.61E-04	9.77E-11	1.0E+06	9.8E-05
228	0.1086	8.92E-04	9.7E-05	1.05E-03	1.01E-07	8.61E-04	8.72E-11	1.0E+06	8.7E-05
229	0.09757	8.92E-04	8.7E-05	1.05E-03	9.10E-08	8.61E-04	7.83E-11	1.0E+06	7.8E-05
230	0.08821	8.92E-04	7.9E-05	1.05E-03	8.22E-08	8.61E-04	7.08E-11	1.0E+06	7.1E-05
231	0.11181	8.92E-04	1.0E-04	1.05E-03	1.04E-07	8.61E-04	8.98E-11	1.0E+06	9.0E-05
232	0.10028	8.92E-04	8.9E-05	1.05E-03	9.35E-08	8.61E-04	8.05E-11	1.0E+06	8.1E-05
233	0.09053	8.92E-04	8.1E-05	1.05E-03	8.44E-08	8.61E-04	7.27E-11	1.0E+06	7.3E-05
234	0.08219	8.92E-04	7.3E-05	1.05E-03	7.66E-08	8.61E-04	6.60E-11	1.0E+06	6.6E-05
235	0.10318	8.92E-04	9.2E-05	1.05E-03	9.62E-08	8.61E-04	8.28E-11	1.0E+06	8.3E-05
236	0.0931	8.92E-04	8.3E-05	1.05E-03	8.68E-08	8.61E-04	7.47E-11	1.0E+06	7.5E-05
237	0.08445	8.92E-04	7.5E-05	1.05E-03	7.87E-08	8.61E-04	6.78E-11	1.0E+06	6.8E-05
238	0.07699	8.92E-04	6.9E-05	1.05E-03	7.18E-08	8.61E-04	6.18E-11	1.0E+06	6.2E-05
239	0.81522	8.92E-04	7.3E-04	1.05E-03	7.60E-07	8.61E-04	6.54E-10	1.0E+06	6.5E-04
240	0.70249	8.92E-04	6.3E-04	1.05E-03	6.55E-07	8.61E-04	5.64E-10	1.0E+06	5.6E-04
241	0.61136	8.92E-04	5.5E-04	1.05E-03	5.70E-07	8.61E-04	4.91E-10	1.0E+06	4.9E-04
242	0.53666	8.92E-04	4.8E-04	1.05E-03	5.00E-07	8.61E-04	4.31E-10	1.0E+06	4.3E-04
243	0.71837	8.92E-04	6.4E-04	1.05E-03	6.70E-07	8.61E-04	5.77E-10	1.0E+06	5.8E-04
244	0.62523	8.92E-04	5.6E-04	1.05E-03	5.83E-07	8.61E-04	5.02E-10	1.0E+06	5.0E-04
245	0.54874	8.92E-04	4.9E-04	1.05E-03	5.12E-07	8.61E-04	4.41E-10	1.0E+06	4.4E-04
246	0.48518	8.92E-04	4.3E-04	1.05E-03	4.52E-07	8.61E-04	3.90E-10	1.0E+06	3.9E-04
247	0.63764	8.92E-04	5.7E-04	1.05E-03	5.95E-07	8.61E-04	5.12E-10	1.0E+06	5.1E-04
248	0.56009	8.92E-04	5.0E-04	1.05E-03	5.22E-07	8.61E-04	4.50E-10	1.0E+06	4.5E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
249	0.4954	8.92E-04	4.4E-04	1.05E-03	4.62E-07	8.61E-04	3.98E-10	1.0E+06	4.0E-04
250	0.44087	8.92E-04	3.9E-04	1.05E-03	4.11E-07	8.61E-04	3.54E-10	1.0E+06	3.5E-04
251	0.26032	8.92E-04	2.3E-04	1.05E-03	2.43E-07	8.61E-04	2.09E-10	1.0E+06	2.1E-04
252	0.23952	8.92E-04	2.1E-04	1.05E-03	2.23E-07	8.61E-04	1.92E-10	1.0E+06	1.9E-04
253	0.31154	8.92E-04	2.8E-04	1.05E-03	2.90E-07	8.61E-04	2.50E-10	1.0E+06	2.5E-04
254	0.28549	8.92E-04	2.5E-04	1.05E-03	2.66E-07	8.61E-04	2.29E-10	1.0E+06	2.3E-04
255	0.2418	8.92E-04	2.2E-04	1.05E-03	2.25E-07	8.61E-04	1.94E-10	1.0E+06	1.9E-04
256	0.22341	8.92E-04	2.0E-04	1.05E-03	2.08E-07	8.61E-04	1.79E-10	1.0E+06	1.8E-04
257	0.17903	8.92E-04	1.6E-04	1.05E-03	1.67E-07	8.61E-04	1.44E-10	1.0E+06	1.4E-04
258	0.2858	8.92E-04	2.5E-04	1.05E-03	2.66E-07	8.61E-04	2.29E-10	1.0E+06	2.3E-04
259	0.26316	8.92E-04	2.3E-04	1.05E-03	2.45E-07	8.61E-04	2.11E-10	1.0E+06	2.1E-04
260	0.24288	8.92E-04	2.2E-04	1.05E-03	2.26E-07	8.61E-04	1.95E-10	1.0E+06	1.9E-04
261	0.22477	8.92E-04	2.0E-04	1.05E-03	2.10E-07	8.61E-04	1.80E-10	1.0E+06	1.8E-04
262	0.20852	8.92E-04	1.9E-04	1.05E-03	1.94E-07	8.61E-04	1.67E-10	1.0E+06	1.7E-04
263	0.16883	8.92E-04	1.5E-04	1.05E-03	1.57E-07	8.61E-04	1.36E-10	1.0E+06	1.4E-04
264	0.24292	8.92E-04	2.2E-04	1.05E-03	2.26E-07	8.61E-04	1.95E-10	1.0E+06	2.0E-04
265	0.22517	8.92E-04	2.0E-04	1.05E-03	2.10E-07	8.61E-04	1.81E-10	1.0E+06	1.8E-04
266	0.20918	8.92E-04	1.9E-04	1.05E-03	1.95E-07	8.61E-04	1.68E-10	1.0E+06	1.7E-04
267	0.19474	8.92E-04	1.7E-04	1.05E-03	1.82E-07	8.61E-04	1.56E-10	1.0E+06	1.6E-04
268	0.1593	8.92E-04	1.4E-04	1.05E-03	1.49E-07	8.61E-04	1.28E-10	1.0E+06	1.3E-04
269	0.23609	8.92E-04	2.1E-04	1.05E-03	2.20E-07	8.61E-04	1.90E-10	1.0E+06	1.9E-04
270	0.20415	8.92E-04	1.8E-04	1.05E-03	1.90E-07	8.61E-04	1.64E-10	1.0E+06	1.6E-04
271	0.17814	8.92E-04	1.6E-04	1.05E-03	1.66E-07	8.61E-04	1.43E-10	1.0E+06	1.4E-04
272	0.15674	8.92E-04	1.4E-04	1.05E-03	1.46E-07	8.61E-04	1.26E-10	1.0E+06	1.3E-04
273	0.13898	8.92E-04	1.2E-04	1.05E-03	1.30E-07	8.61E-04	1.12E-10	1.0E+06	1.1E-04
274	0.12413	8.92E-04	1.1E-04	1.05E-03	1.16E-07	8.61E-04	9.97E-11	1.0E+06	1.0E-04
275	0.11159	8.92E-04	1.0E-04	1.05E-03	1.04E-07	8.61E-04	8.96E-11	1.0E+06	9.0E-05
276	0.21589	8.92E-04	1.9E-04	1.05E-03	2.01E-07	8.61E-04	1.73E-10	1.0E+06	1.7E-04
277	0.18696	8.92E-04	1.7E-04	1.05E-03	1.74E-07	8.61E-04	1.50E-10	1.0E+06	1.5E-04
278	0.16349	8.92E-04	1.5E-04	1.05E-03	1.52E-07	8.61E-04	1.31E-10	1.0E+06	1.3E-04
279	0.14421	8.92E-04	1.3E-04	1.05E-03	1.34E-07	8.61E-04	1.16E-10	1.0E+06	1.2E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.12824	8.92E-04	1.1E-04	1.05E-03	1.20E-07	8.61E-04	1.03E-10	1.0E+06	1.0E-04
281	0.11486	8.92E-04	1.0E-04	1.05E-03	1.07E-07	8.61E-04	9.22E-11	1.0E+06	9.2E-05
282	0.10355	8.92E-04	9.2E-05	1.05E-03	9.65E-08	8.61E-04	8.31E-11	1.0E+06	8.3E-05
283	0.19518	8.92E-04	1.7E-04	1.05E-03	1.82E-07	8.61E-04	1.57E-10	1.0E+06	1.6E-04
284	0.16971	8.92E-04	1.5E-04	1.05E-03	1.58E-07	8.61E-04	1.36E-10	1.0E+06	1.4E-04
285	0.14902	8.92E-04	1.3E-04	1.05E-03	1.39E-07	8.61E-04	1.20E-10	1.0E+06	1.2E-04
286	0.132	8.92E-04	1.2E-04	1.05E-03	1.23E-07	8.61E-04	1.06E-10	1.0E+06	1.1E-04
287	0.11784	8.92E-04	1.1E-04	1.05E-03	1.10E-07	8.61E-04	9.46E-11	1.0E+06	9.5E-05
288	0.10595	8.92E-04	9.5E-05	1.05E-03	9.88E-08	8.61E-04	8.51E-11	1.0E+06	8.5E-05
289	0.09586	8.92E-04	8.6E-05	1.05E-03	8.94E-08	8.61E-04	7.70E-11	1.0E+06	7.7E-05
290	0.17525	8.92E-04	1.6E-04	1.05E-03	1.63E-07	8.61E-04	1.41E-10	1.0E+06	1.4E-04
291	0.15328	8.92E-04	1.4E-04	1.05E-03	1.43E-07	8.61E-04	1.23E-10	1.0E+06	1.2E-04
292	0.13532	8.92E-04	1.2E-04	1.05E-03	1.26E-07	8.61E-04	1.09E-10	1.0E+06	1.1E-04
293	0.12047	8.92E-04	1.1E-04	1.05E-03	1.12E-07	8.61E-04	9.67E-11	1.0E+06	9.7E-05
294	0.10805	8.92E-04	9.6E-05	1.05E-03	1.01E-07	8.61E-04	8.67E-11	1.0E+06	8.7E-05
295	0.09756	8.92E-04	8.7E-05	1.05E-03	9.10E-08	8.61E-04	7.83E-11	1.0E+06	7.8E-05
296	0.08863	8.92E-04	7.9E-05	1.05E-03	8.26E-08	8.61E-04	7.12E-11	1.0E+06	7.1E-05
297	0.15694	8.92E-04	1.4E-04	1.05E-03	1.46E-07	8.61E-04	1.26E-10	1.0E+06	1.3E-04
298	0.13817	8.92E-04	1.2E-04	1.05E-03	1.29E-07	8.61E-04	1.11E-10	1.0E+06	1.1E-04
299	0.12271	8.92E-04	1.1E-04	1.05E-03	1.14E-07	8.61E-04	9.85E-11	1.0E+06	9.9E-05
300	0.10984	8.92E-04	9.8E-05	1.05E-03	1.02E-07	8.61E-04	8.82E-11	1.0E+06	8.8E-05
301	0.099	8.92E-04	8.8E-05	1.05E-03	9.23E-08	8.61E-04	7.95E-11	1.0E+06	7.9E-05
302	0.0898	8.92E-04	8.0E-05	1.05E-03	8.37E-08	8.61E-04	7.21E-11	1.0E+06	7.2E-05
303	0.08191	8.92E-04	7.3E-05	1.05E-03	7.64E-08	8.61E-04	6.58E-11	1.0E+06	6.6E-05
304	0.1406	8.92E-04	1.3E-04	1.05E-03	1.31E-07	8.61E-04	1.13E-10	1.0E+06	1.1E-04
305	0.12464	8.92E-04	1.1E-04	1.05E-03	1.16E-07	8.61E-04	1.00E-10	1.0E+06	1.0E-04
306	0.11137	8.92E-04	9.9E-05	1.05E-03	1.04E-07	8.61E-04	8.94E-11	1.0E+06	8.9E-05
307	0.10023	8.92E-04	8.9E-05	1.05E-03	9.35E-08	8.61E-04	8.05E-11	1.0E+06	8.0E-05
308	0.09079	8.92E-04	8.1E-05	1.05E-03	8.47E-08	8.61E-04	7.29E-11	1.0E+06	7.3E-05
309	0.08271	8.92E-04	7.4E-05	1.05E-03	7.71E-08	8.61E-04	6.64E-11	1.0E+06	6.6E-05
310	0.07575	8.92E-04	6.8E-05	1.05E-03	7.06E-08	8.61E-04	6.08E-11	1.0E+06	6.1E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.12645	8.92E-04	1.1E-04	1.05E-03	1.18E-07	8.61E-04	1.02E-10	1.0E+06	1.0E-04
312	0.11279	8.92E-04	1.0E-04	1.05E-03	1.05E-07	8.61E-04	9.06E-11	1.0E+06	9.1E-05
313	0.10137	8.92E-04	9.0E-05	1.05E-03	9.45E-08	8.61E-04	8.14E-11	1.0E+06	8.1E-05
314	0.09169	8.92E-04	8.2E-05	1.05E-03	8.55E-08	8.61E-04	7.36E-11	1.0E+06	7.4E-05
315	0.08343	8.92E-04	7.4E-05	1.05E-03	7.78E-08	8.61E-04	6.70E-11	1.0E+06	6.7E-05
316	0.07633	8.92E-04	6.8E-05	1.05E-03	7.12E-08	8.61E-04	6.13E-11	1.0E+06	6.1E-05
317	0.07017	8.92E-04	6.3E-05	1.05E-03	6.54E-08	8.61E-04	5.63E-11	1.0E+06	5.6E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Architectural Coating Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	9.45E-06
2	5	1.02E-05
3	5	1.06E-05
4	5	1.34E-05
5	5	1.38E-05
6	5	1.42E-05
7	5	1.46E-05
8	5	1.50E-05
9	5	1.54E-05
10	5	1.59E-05
11	5	1.66E-05
12	5	1.74E-05
13	5	1.83E-05
14	5	1.93E-05
15	5	2.05E-05
16	5	2.17E-05
17	5	2.30E-05
18	5	2.43E-05
19	5	2.55E-05
20	5	2.66E-05
21	5	2.75E-05
22	5	2.81E-05
23	5	2.84E-05
24	5	2.84E-05
25	5	2.82E-05
26	5	1.02E-05
27	5	1.10E-05
28	5	1.15E-05
29	5	1.50E-05
30	5	1.54E-05
31	5	1.59E-05

Max	Receptor #
0.00099	224

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	1.64E-05
33	5	1.69E-05
34	5	1.74E-05
35	5	1.81E-05
36	5	1.89E-05
37	5	1.99E-05
38	5	2.11E-05
39	5	2.24E-05
40	5	2.39E-05
41	5	2.53E-05
42	5	2.70E-05
43	5	2.85E-05
44	5	2.98E-05
45	5	3.09E-05
46	5	3.16E-05
47	5	3.20E-05
48	5	3.20E-05
49	5	3.17E-05
50	5	3.10E-05
51	5	1.11E-05
52	5	1.20E-05
53	5	1.25E-05
54	5	1.68E-05
55	5	1.74E-05
56	5	1.80E-05
57	5	1.86E-05
58	5	1.92E-05
59	5	1.99E-05
60	5	2.08E-05
61	5	2.18E-05
62	5	2.32E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
63	5	2.46E-05
64	5	2.64E-05
65	5	2.82E-05
66	5	3.00E-05
67	5	3.20E-05
68	5	3.38E-05
69	5	3.50E-05
70	5	3.60E-05
71	5	3.64E-05
72	5	3.64E-05
73	5	3.60E-05
74	5	3.51E-05
75	5	3.40E-05
76	5	1.21E-05
77	5	1.31E-05
78	5	1.38E-05
79	5	1.90E-05
80	5	1.98E-05
81	5	2.06E-05
82	5	2.13E-05
83	5	2.21E-05
84	5	2.30E-05
85	5	2.41E-05
86	5	2.56E-05
87	5	2.72E-05
88	5	2.92E-05
89	5	3.15E-05
90	5	3.38E-05
91	5	3.61E-05
92	5	3.84E-05
93	5	4.02E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	4.15E-05
95	5	4.22E-05
96	5	4.21E-05
97	5	4.15E-05
98	5	4.01E-05
99	5	3.86E-05
100	5	3.67E-05
101	5	1.33E-05
102	5	1.43E-05
103	5	1.52E-05
104	5	2.18E-05
105	5	2.28E-05
106	5	2.38E-05
107	5	2.47E-05
108	5	2.58E-05
109	5	2.70E-05
110	5	2.85E-05
111	5	3.03E-05
112	5	3.26E-05
113	5	3.53E-05
114	5	3.82E-05
115	5	4.11E-05
116	5	4.40E-05
117	5	4.65E-05
118	5	4.82E-05
119	5	4.90E-05
120	5	4.90E-05
121	5	4.81E-05
122	5	4.66E-05
123	5	4.45E-05
124	5	4.21E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.46E-05
126	5	1.58E-05
127	5	1.69E-05
128	5	2.65E-05
129	5	2.78E-05
130	5	2.91E-05
131	5	3.05E-05
132	5	3.21E-05
133	5	3.43E-05
134	5	3.67E-05
135	5	3.99E-05
136	5	4.36E-05
137	5	4.73E-05
138	5	5.10E-05
139	5	5.43E-05
140	5	5.66E-05
141	5	5.78E-05
142	5	5.77E-05
143	5	5.65E-05
144	5	5.44E-05
145	5	5.16E-05
146	5	4.84E-05
147	5	1.62E-05
148	5	1.75E-05
149	5	1.89E-05
150	5	3.13E-05
151	5	3.31E-05
152	5	3.48E-05
153	5	3.67E-05
154	5	3.90E-05
155	5	4.18E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
156	5	4.55E-05
157	5	5.00E-05
158	5	5.50E-05
159	5	6.00E-05
160	5	6.43E-05
161	5	6.76E-05
162	5	6.92E-05
163	5	6.91E-05
164	5	6.74E-05
165	5	6.44E-05
166	5	6.05E-05
167	5	5.61E-05
168	5	5.16E-05
169	5	1.81E-05
170	5	1.95E-05
171	5	2.13E-05
172	5	2.27E-05
173	5	3.76E-05
174	5	4.01E-05
175	5	4.25E-05
176	5	4.52E-05
177	5	4.85E-05
178	5	5.25E-05
179	5	5.80E-05
180	5	6.44E-05
181	5	7.10E-05
182	5	7.75E-05
183	5	7.19E-05
184	5	6.59E-05
185	5	2.18E-05
186	5	2.41E-05



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
187	5	2.59E-05
188	5	4.60E-05
189	5	4.96E-05
190	5	5.32E-05
191	5	5.71E-05
192	5	6.19E-05
193	5	6.80E-05
194	5	7.64E-05
195	5	8.57E-05
196	5	9.51E-05
197	5	1.02E-04
198	5	2.74E-05
199	5	3.00E-05
200	5	3.12E-05
201	5	3.47E-05
202	5	3.82E-05
203	5	4.02E-05
204	5	4.57E-05
205	5	5.17E-05
206	5	5.43E-05
207	5	6.31E-05
208	5	7.39E-05
209	5	6.41E-05
210	5	7.73E-05
211	5	9.32E-05
212	5	9.36E-05
213	5	1.19E-04
214	5	1.51E-04
215	5	1.12E-04
216	5	1.49E-04
217	5	1.99E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
218	5	2.61E-04
219	5	4.03E-04
220	5	3.31E-04
221	5	5.27E-04
222	5	3.77E-04
223	5	5.85E-04
224	5	9.88E-04
225	5	5.22E-04
226	5	7.32E-04
227	5	2.17E-05
228	5	1.94E-05
229	5	1.74E-05
230	5	1.57E-05
231	5	1.99E-05
232	5	1.79E-05
233	5	1.62E-05
234	5	1.47E-05
235	5	1.84E-05
236	5	1.66E-05
237	5	1.51E-05
238	5	1.37E-05
239	5	1.45E-04
240	5	1.25E-04
241	5	1.09E-04
242	5	9.57E-05
243	5	1.28E-04
244	5	1.12E-04
245	5	9.79E-05
246	5	8.66E-05
247	5	1.14E-04
248	5	9.99E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
249	5	8.84E-05
250	5	7.87E-05
251	5	4.64E-05
252	5	4.27E-05
253	5	5.56E-05
254	5	5.09E-05
255	5	4.31E-05
256	5	3.99E-05
257	5	3.19E-05
258	5	5.10E-05
259	5	4.70E-05
260	5	4.33E-05
261	5	4.01E-05
262	5	3.72E-05
263	5	3.01E-05
264	5	4.33E-05
265	5	4.02E-05
266	5	3.73E-05
267	5	3.47E-05
268	5	2.84E-05
269	5	4.21E-05
270	5	3.64E-05
271	5	3.18E-05
272	5	2.80E-05
273	5	2.48E-05
274	5	2.21E-05
275	5	1.99E-05
276	5	3.85E-05
277	5	3.34E-05
278	5	2.92E-05
279	5	2.57E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 1 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
280	5	2.29E-05
281	5	2.05E-05
282	5	1.85E-05
283	5	3.48E-05
284	5	3.03E-05
285	5	2.66E-05
286	5	2.36E-05
287	5	2.10E-05
288	5	1.89E-05
289	5	1.71E-05
290	5	3.13E-05
291	5	2.73E-05
292	5	2.41E-05
293	5	2.15E-05
294	5	1.93E-05
295	5	1.74E-05
296	5	1.58E-05
297	5	2.80E-05
298	5	2.47E-05
299	5	2.19E-05
300	5	1.96E-05
301	5	1.77E-05
302	5	1.60E-05
303	5	1.46E-05
304	5	2.51E-05
305	5	2.22E-05
306	5	1.99E-05
307	5	1.79E-05
308	5	1.62E-05
309	5	1.48E-05
310	5	1.35E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 1 - Architectural Coating Risk**

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	2.26E-05
312	5	2.01E-05
313	5	1.81E-05
314	5	1.64E-05
315	5	1.49E-05
316	5	1.36E-05
317	5	1.25E-05

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### 3: Unmitigated Parcel 2 Risk



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## **Unmitigated Construction Health Risk for Parcel 2**

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Parcel 2-A: Unmitigated Construction Health Risk for Parcel 2 - Assumptions

Parcel 2-B: Unmitigated - Parcel 2 - Emissions

Parcel 2-C: Unmitigated - Parcel 2 - Risk Summary

Parcel 2-D: Unmitigated - Parcel 2 - Site Preparation Risk

Parcel 2-E: Unmitigated - Parcel 2 - Grading Risk

Parcel 2-F: Unmitigated - Parcel 2 - Building Construction Risk

Parcel 2-G: Unmitigated - Parcel 2 - Paving Risk

Parcel 2-H: Unmitigated - Parcel 2 - Architectural Coating Risk



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Parcel 2-A: Unmitigated Construction Health Risk for Parcel 2 - Assumptions



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## Manning Ave. Annexation 2020-01 Project

### Unmitigated Construction Health Risk for Parcel 2 - Assumptions

Date: 4/28/2022

	3rd	0-2	2-16	>16	Units
DBR	361	1090	631	261	L/kg
A	1				no units
EF	0.95890411				years
Constant 1	0.000001				no units
CPF	1.1				mg/kg-day-1
ASF	10	10	3	1	no units
Site Preparation	0.00	0.01	0.00	0.00	years
Grading	0.00	0.01	0.00	0.00	years
Building Construction	0.00	0.55	0.00	0.00	years
Paving	0.00	0.03	0.00	0.00	years
Architectural Coating	0.00	0.03	0.00	0.00	years
AT	70				years
FAH	1	1	1	0.73	day
Constant 2	1,000,000				no units
Dose Constant	3.46E-04	1.05E-03	6.05E-04	2.50E-04	
Risk Constant	0.00E+00	8.61E-04	0.00E+00	0.00E+00	

*Source: OEHHA 2015*

Dose =

(Cair X DBR X A X EF X Constant 1)

Cair = concentration in air ( $\mu\text{g}/\text{m}^3$ )

DBR = daily breathing rate normalized to body weight (l/kg bod weight -day)

A = Inhalation adsorption factor (unitless)

EF = Exposure frequency (unitless), days/365 days

Constant 1 = micrograms to milligrams conversion, liters to cubic meters conversion

Cancer Risk =

Dose X CPF x ASF x (ED/AT) X FAH

Dose = Daily inhalation dose (mg/kg-day)

CPF = Inhalation cancer potency factor ( $\text{mg}/\text{kg}\text{-day}^{-1}$ )

ASF = Age sensitivity factor for a specified age group (unitless)

ED = Exposure duration (in years) for a specified age group

AT = Averaging time for lifetime cancer risk (years)

FAH = Fraction of time spent at home (unitless)

Risk per Million =

Cancer Risk X Constant 2

FAH

If school is within the 1 per million cancer bracket:

3rd to 2 years 1

2 to 16 1

16-30 0.73

If school is not within the 1 per million cancer bracket:

3rd to 2 years 0.85

2 to 16 0.72

16-30 0.73

*Source: OEHHA 2015*

**Onsite Concentrations**

	<b>Source ID</b>	<b>PM10 (lbs/day)</b>	<b>PM10 (gr/day)</b>	<b>PM10 (gr/sec)</b>	<b>Days</b>	<b>Years</b>
Site Preparation	P2A	0.51	230.15277	0.0063931	2	0.005
Grading	P2A	0.60	274.15123	0.0076153	4	0.011
Building Construction	P2B	0.51	233.37327	0.0064826	200	0.548
Paving	P2A	0.31	139.88789	0.0038858	10	0.027
Architectural Coating	P2B	0.07	32.11434	0.0008921	10	0.027

# Manning Ave. Annexation 2020-01 Project

## Unmitigated Construction Health Risk for Parcel 2 - Assumptions

### *Sources*

P2A Parcel 2 Site Preparation, grading, and paving  
P2B Parcel 2 Building Construction and Architectural Coating

Meteorological Data Fresno Airport 2013 - 2017. Supplied by SJVAPCD  
Elevation 101 M.

### Assumptions and Constants:

365 days per year construction  
453.59237 conversion from lbs to grams  
10 hours per day construction  
60 minutes per hour  
60 seconds per minute  
1 year construction per parcel  
0-2 year age bin as conservative risk.

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Parcel 2-B: Unmitigated - Parcel 2 - Emissions



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**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Emissions**

	<b>PM10 Exhaust</b>	<b>days/phase</b>
Site Preparation	0.5074	2
Grading	0.6044	4
Building Construction	0.5145	200
Paving	0.3084	10
Architectural Coating	0.0708	10

Source: CalEEMod Title: Annexation 2020-01 Kings River Development Coffee Shop with Drive Thru Parcel #2  
CalEEMod Date: 4/28/2022

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Parcel 2-C: Unmitigated - Parcel 2 - Risk Summary



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**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
1	1.190E-03	3.03E-04	3.6E-04	3.01E-04	1.84E-04	4.14E-05
2	1.245E-03	3.17E-04	3.8E-04	3.15E-04	1.93E-04	4.33E-05
3	1.261E-03	3.21E-04	3.8E-04	3.19E-04	1.95E-04	4.39E-05
4	1.636E-03	4.17E-04	5.0E-04	4.13E-04	2.53E-04	5.68E-05
5	1.689E-03	4.30E-04	5.1E-04	4.26E-04	2.62E-04	5.86E-05
6	1.740E-03	4.43E-04	5.3E-04	4.38E-04	2.69E-04	6.03E-05
7	1.788E-03	4.56E-04	5.4E-04	4.51E-04	2.77E-04	6.20E-05
8	1.837E-03	4.68E-04	5.6E-04	4.63E-04	2.85E-04	6.36E-05
9	1.888E-03	4.81E-04	5.7E-04	4.75E-04	2.93E-04	6.54E-05
10	1.945E-03	4.96E-04	5.9E-04	4.89E-04	3.02E-04	6.73E-05
11	2.012E-03	5.13E-04	6.1E-04	5.05E-04	3.12E-04	6.95E-05
12	2.093E-03	5.34E-04	6.4E-04	5.25E-04	3.25E-04	7.22E-05
13	2.195E-03	5.61E-04	6.7E-04	5.50E-04	3.41E-04	7.57E-05
14	2.316E-03	5.92E-04	7.1E-04	5.79E-04	3.60E-04	7.97E-05
15	2.454E-03	6.28E-04	7.5E-04	6.13E-04	3.82E-04	8.43E-05
16	2.611E-03	6.68E-04	8.0E-04	6.51E-04	4.06E-04	8.96E-05
17	2.779E-03	7.11E-04	8.5E-04	6.93E-04	4.32E-04	9.54E-05
18	2.948E-03	7.54E-04	9.0E-04	7.35E-04	4.59E-04	1.01E-04
19	3.113E-03	7.96E-04	9.5E-04	7.77E-04	4.84E-04	1.07E-04
20	3.266E-03	8.35E-04	9.9E-04	8.16E-04	5.08E-04	1.12E-04
21	3.398E-03	8.68E-04	1.0E-03	8.51E-04	5.28E-04	1.17E-04
22	3.503E-03	8.94E-04	1.1E-03	8.79E-04	5.44E-04	1.21E-04
23	3.575E-03	9.12E-04	1.1E-03	8.99E-04	5.54E-04	1.24E-04
24	3.612E-03	9.20E-04	1.1E-03	9.10E-04	5.59E-04	1.25E-04
25	3.613E-03	9.20E-04	1.1E-03	9.13E-04	5.59E-04	1.26E-04
26	1.280E-03	3.26E-04	3.9E-04	3.24E-04	1.98E-04	4.45E-05
27	1.343E-03	3.42E-04	4.1E-04	3.39E-04	2.08E-04	4.67E-05
28	1.364E-03	3.47E-04	4.1E-04	3.45E-04	2.11E-04	4.74E-05
29	1.816E-03	4.63E-04	5.5E-04	4.57E-04	2.81E-04	6.29E-05
30	1.882E-03	4.80E-04	5.7E-04	4.74E-04	2.92E-04	6.52E-05

<b>Max</b>	<b>Receptor #</b>
0.064	224

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
31	1.945E-03	4.96E-04	5.9E-04	4.89E-04	3.01E-04	6.74E-05
32	2.005E-03	5.11E-04	6.1E-04	5.04E-04	3.11E-04	6.94E-05
33	2.065E-03	5.27E-04	6.3E-04	5.19E-04	3.20E-04	7.14E-05
34	2.128E-03	5.43E-04	6.5E-04	5.35E-04	3.30E-04	7.36E-05
35	2.199E-03	5.61E-04	6.7E-04	5.52E-04	3.41E-04	7.59E-05
36	2.282E-03	5.83E-04	6.9E-04	5.72E-04	3.54E-04	7.87E-05
37	2.390E-03	6.11E-04	7.3E-04	5.98E-04	3.71E-04	8.23E-05
38	2.522E-03	6.45E-04	7.7E-04	6.30E-04	3.92E-04	8.67E-05
39	2.674E-03	6.84E-04	8.2E-04	6.67E-04	4.16E-04	9.18E-05
40	2.851E-03	7.30E-04	8.7E-04	7.10E-04	4.44E-04	9.77E-05
41	3.050E-03	7.81E-04	9.3E-04	7.59E-04	4.75E-04	1.04E-04
42	3.255E-03	8.34E-04	9.9E-04	8.10E-04	5.07E-04	1.11E-04
43	3.457E-03	8.85E-04	1.1E-03	8.61E-04	5.38E-04	1.18E-04
44	3.647E-03	9.33E-04	1.1E-03	9.09E-04	5.67E-04	1.25E-04
45	3.813E-03	9.75E-04	1.2E-03	9.52E-04	5.93E-04	1.31E-04
46	3.944E-03	1.01E-03	1.2E-03	9.88E-04	6.12E-04	1.36E-04
47	4.034E-03	1.03E-03	1.2E-03	1.01E-03	6.26E-04	1.39E-04
48	4.079E-03	1.04E-03	1.2E-03	1.03E-03	6.32E-04	1.41E-04
49	4.078E-03	1.04E-03	1.2E-03	1.03E-03	6.31E-04	1.42E-04
50	4.034E-03	1.03E-03	1.2E-03	1.02E-03	6.24E-04	1.41E-04
51	1.382E-03	3.52E-04	4.2E-04	3.49E-04	2.14E-04	4.80E-05
52	1.454E-03	3.70E-04	4.4E-04	3.67E-04	2.25E-04	5.05E-05
53	1.481E-03	3.77E-04	4.5E-04	3.74E-04	2.29E-04	5.14E-05
54	2.029E-03	5.17E-04	6.2E-04	5.10E-04	3.14E-04	7.02E-05
55	2.112E-03	5.39E-04	6.4E-04	5.31E-04	3.27E-04	7.31E-05
56	2.190E-03	5.59E-04	6.7E-04	5.50E-04	3.40E-04	7.57E-05
57	2.266E-03	5.78E-04	6.9E-04	5.69E-04	3.52E-04	7.83E-05
58	2.342E-03	5.98E-04	7.1E-04	5.88E-04	3.63E-04	8.09E-05
59	2.422E-03	6.18E-04	7.4E-04	6.07E-04	3.76E-04	8.36E-05
60	2.511E-03	6.42E-04	7.6E-04	6.29E-04	3.90E-04	8.65E-05



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
61	2.619E-03	6.70E-04	8.0E-04	6.55E-04	4.07E-04	9.01E-05
62	2.761E-03	7.06E-04	8.4E-04	6.89E-04	4.29E-04	9.48E-05
63	2.931E-03	7.51E-04	8.9E-04	7.30E-04	4.56E-04	1.00E-04
64	3.130E-03	8.02E-04	9.6E-04	7.78E-04	4.88E-04	1.07E-04
65	3.359E-03	8.61E-04	1.0E-03	8.34E-04	5.23E-04	1.15E-04
66	3.611E-03	9.26E-04	1.1E-03	8.96E-04	5.63E-04	1.23E-04
67	3.862E-03	9.90E-04	1.2E-03	9.59E-04	6.02E-04	1.32E-04
68	4.100E-03	1.05E-03	1.3E-03	1.02E-03	6.39E-04	1.40E-04
69	4.311E-03	1.10E-03	1.3E-03	1.07E-03	6.71E-04	1.48E-04
70	4.479E-03	1.15E-03	1.4E-03	1.12E-03	6.96E-04	1.54E-04
71	4.594E-03	1.17E-03	1.4E-03	1.15E-03	7.13E-04	1.58E-04
72	4.650E-03	1.19E-03	1.4E-03	1.17E-03	7.21E-04	1.61E-04
73	4.646E-03	1.18E-03	1.4E-03	1.17E-03	7.19E-04	1.61E-04
74	4.586E-03	1.17E-03	1.4E-03	1.16E-03	7.09E-04	1.60E-04
75	4.477E-03	1.14E-03	1.4E-03	1.14E-03	6.92E-04	1.56E-04
76	1.498E-03	3.82E-04	4.5E-04	3.78E-04	2.32E-04	5.20E-05
77	1.582E-03	4.03E-04	4.8E-04	3.99E-04	2.45E-04	5.49E-05
78	1.618E-03	4.12E-04	4.9E-04	4.08E-04	2.51E-04	5.61E-05
79	2.283E-03	5.83E-04	6.9E-04	5.73E-04	3.54E-04	7.89E-05
80	2.389E-03	6.10E-04	7.3E-04	6.00E-04	3.71E-04	8.25E-05
81	2.490E-03	6.36E-04	7.6E-04	6.24E-04	3.86E-04	8.59E-05
82	2.587E-03	6.61E-04	7.9E-04	6.48E-04	4.02E-04	8.92E-05
83	2.683E-03	6.86E-04	8.2E-04	6.72E-04	4.17E-04	9.25E-05
84	2.786E-03	7.12E-04	8.5E-04	6.97E-04	4.33E-04	9.59E-05
85	2.902E-03	7.42E-04	8.8E-04	7.25E-04	4.51E-04	9.98E-05
86	3.053E-03	7.82E-04	9.3E-04	7.61E-04	4.75E-04	1.05E-04
87	3.237E-03	8.29E-04	9.9E-04	8.05E-04	5.04E-04	1.11E-04
88	3.458E-03	8.87E-04	1.1E-03	8.58E-04	5.39E-04	1.18E-04
89	3.723E-03	9.56E-04	1.1E-03	9.22E-04	5.81E-04	1.27E-04
90	4.024E-03	1.03E-03	1.2E-03	9.96E-04	6.28E-04	1.37E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
91	4.340E-03	1.11E-03	1.3E-03	1.07E-03	6.77E-04	1.48E-04
92	4.643E-03	1.19E-03	1.4E-03	1.15E-03	7.24E-04	1.58E-04
93	4.916E-03	1.26E-03	1.5E-03	1.22E-03	7.66E-04	1.68E-04
94	5.135E-03	1.31E-03	1.6E-03	1.28E-03	7.99E-04	1.76E-04
95	5.284E-03	1.35E-03	1.6E-03	1.32E-03	8.21E-04	1.82E-04
96	5.356E-03	1.37E-03	1.6E-03	1.34E-03	8.31E-04	1.85E-04
97	5.348E-03	1.36E-03	1.6E-03	1.35E-03	8.28E-04	1.85E-04
98	5.266E-03	1.34E-03	1.6E-03	1.33E-03	8.15E-04	1.83E-04
99	5.120E-03	1.30E-03	1.6E-03	1.30E-03	7.91E-04	1.79E-04
100	4.924E-03	1.25E-03	1.5E-03	1.25E-03	7.60E-04	1.72E-04
101	1.632E-03	4.16E-04	5.0E-04	4.12E-04	2.53E-04	5.66E-05
102	1.728E-03	4.40E-04	5.2E-04	4.36E-04	2.68E-04	5.99E-05
103	1.778E-03	4.53E-04	5.4E-04	4.48E-04	2.75E-04	6.16E-05
104	2.592E-03	6.62E-04	7.9E-04	6.50E-04	4.02E-04	8.94E-05
105	2.728E-03	6.97E-04	8.3E-04	6.83E-04	4.24E-04	9.40E-05
106	2.859E-03	7.31E-04	8.7E-04	7.16E-04	4.44E-04	9.85E-05
107	2.986E-03	7.63E-04	9.1E-04	7.47E-04	4.64E-04	1.03E-04
108	3.112E-03	7.96E-04	9.5E-04	7.77E-04	4.84E-04	1.07E-04
109	3.246E-03	8.30E-04	9.9E-04	8.10E-04	5.05E-04	1.11E-04
110	3.403E-03	8.71E-04	1.0E-03	8.47E-04	5.30E-04	1.17E-04
111	3.610E-03	9.25E-04	1.1E-03	8.97E-04	5.62E-04	1.23E-04
112	3.852E-03	9.88E-04	1.2E-03	9.54E-04	6.01E-04	1.31E-04
113	4.154E-03	1.07E-03	1.3E-03	1.03E-03	6.49E-04	1.41E-04
114	4.512E-03	1.16E-03	1.4E-03	1.11E-03	7.05E-04	1.53E-04
115	4.906E-03	1.26E-03	1.5E-03	1.21E-03	7.66E-04	1.66E-04
116	5.300E-03	1.36E-03	1.6E-03	1.31E-03	8.28E-04	1.80E-04
117	5.658E-03	1.45E-03	1.7E-03	1.40E-03	8.83E-04	1.93E-04
118	5.951E-03	1.53E-03	1.8E-03	1.48E-03	9.27E-04	2.03E-04
119	6.151E-03	1.57E-03	1.9E-03	1.53E-03	9.57E-04	2.11E-04
120	6.244E-03	1.60E-03	1.9E-03	1.56E-03	9.70E-04	2.15E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
121	6.230E-03	1.59E-03	1.9E-03	1.57E-03	9.66E-04	2.16E-04
122	6.116E-03	1.56E-03	1.9E-03	1.55E-03	9.46E-04	2.13E-04
123	5.918E-03	1.50E-03	1.8E-03	1.50E-03	9.14E-04	2.07E-04
124	5.656E-03	1.44E-03	1.7E-03	1.44E-03	8.73E-04	1.98E-04
125	1.784E-03	4.55E-04	5.4E-04	4.50E-04	2.76E-04	6.19E-05
126	1.897E-03	4.84E-04	5.8E-04	4.78E-04	2.94E-04	6.57E-05
127	1.964E-03	5.01E-04	6.0E-04	4.94E-04	3.04E-04	6.80E-05
128	3.150E-03	8.05E-04	9.6E-04	7.87E-04	4.90E-04	1.08E-04
129	3.324E-03	8.50E-04	1.0E-03	8.30E-04	5.17E-04	1.14E-04
130	3.492E-03	8.94E-04	1.1E-03	8.71E-04	5.43E-04	1.20E-04
131	3.660E-03	9.37E-04	1.1E-03	9.12E-04	5.70E-04	1.25E-04
132	3.838E-03	9.83E-04	1.2E-03	9.54E-04	5.98E-04	1.31E-04
133	4.060E-03	1.04E-03	1.2E-03	1.01E-03	6.33E-04	1.39E-04
134	4.334E-03	1.11E-03	1.3E-03	1.07E-03	6.76E-04	1.47E-04
135	4.673E-03	1.20E-03	1.4E-03	1.15E-03	7.30E-04	1.58E-04
136	5.097E-03	1.31E-03	1.6E-03	1.25E-03	7.97E-04	1.72E-04
137	5.586E-03	1.44E-03	1.7E-03	1.37E-03	8.74E-04	1.89E-04
138	6.101E-03	1.57E-03	1.9E-03	1.50E-03	9.55E-04	2.06E-04
139	6.581E-03	1.69E-03	2.0E-03	1.62E-03	1.03E-03	2.23E-04
140	6.981E-03	1.79E-03	2.1E-03	1.73E-03	1.09E-03	2.38E-04
141	7.256E-03	1.86E-03	2.2E-03	1.80E-03	1.13E-03	2.48E-04
142	7.383E-03	1.89E-03	2.2E-03	1.84E-03	1.15E-03	2.54E-04
143	7.360E-03	1.88E-03	2.2E-03	1.85E-03	1.14E-03	2.54E-04
144	7.198E-03	1.83E-03	2.2E-03	1.82E-03	1.11E-03	2.50E-04
145	6.925E-03	1.76E-03	2.1E-03	1.76E-03	1.07E-03	2.42E-04
146	6.569E-03	1.67E-03	2.0E-03	1.67E-03	1.01E-03	2.30E-04
147	1.958E-03	4.99E-04	5.9E-04	4.93E-04	3.03E-04	6.78E-05
148	2.092E-03	5.34E-04	6.4E-04	5.26E-04	3.24E-04	7.24E-05
149	2.186E-03	5.58E-04	6.6E-04	5.49E-04	3.39E-04	7.56E-05
150	3.680E-03	9.42E-04	1.1E-03	9.17E-04	5.73E-04	1.26E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
151	3.917E-03	1.00E-03	1.2E-03	9.75E-04	6.10E-04	1.34E-04
152	4.147E-03	1.06E-03	1.3E-03	1.03E-03	6.46E-04	1.42E-04
153	4.376E-03	1.12E-03	1.3E-03	1.09E-03	6.82E-04	1.49E-04
154	4.620E-03	1.19E-03	1.4E-03	1.14E-03	7.21E-04	1.57E-04
155	4.942E-03	1.27E-03	1.5E-03	1.22E-03	7.72E-04	1.68E-04
156	5.317E-03	1.37E-03	1.6E-03	1.31E-03	8.32E-04	1.80E-04
157	5.807E-03	1.50E-03	1.8E-03	1.42E-03	9.10E-04	1.96E-04
158	6.412E-03	1.65E-03	2.0E-03	1.57E-03	1.01E-03	2.16E-04
159	7.085E-03	1.83E-03	2.2E-03	1.73E-03	1.11E-03	2.38E-04
160	7.744E-03	2.00E-03	2.4E-03	1.90E-03	1.21E-03	2.61E-04
161	8.301E-03	2.14E-03	2.5E-03	2.04E-03	1.30E-03	2.81E-04
162	8.694E-03	2.23E-03	2.7E-03	2.15E-03	1.36E-03	2.96E-04
163	8.874E-03	2.27E-03	2.7E-03	2.21E-03	1.38E-03	3.04E-04
164	8.837E-03	2.26E-03	2.7E-03	2.22E-03	1.37E-03	3.05E-04
165	8.604E-03	2.19E-03	2.6E-03	2.17E-03	1.33E-03	2.99E-04
166	8.217E-03	2.09E-03	2.5E-03	2.08E-03	1.27E-03	2.87E-04
167	7.723E-03	1.96E-03	2.3E-03	1.97E-03	1.19E-03	2.71E-04
168	7.168E-03	1.82E-03	2.2E-03	1.83E-03	1.10E-03	2.52E-04
169	2.154E-03	5.49E-04	6.5E-04	5.42E-04	3.34E-04	7.46E-05
170	2.316E-03	5.91E-04	7.0E-04	5.82E-04	3.59E-04	8.01E-05
171	2.452E-03	6.26E-04	7.5E-04	6.15E-04	3.80E-04	8.47E-05
172	2.586E-03	6.60E-04	7.9E-04	6.48E-04	4.01E-04	8.92E-05
173	4.361E-03	1.12E-03	1.3E-03	1.08E-03	6.79E-04	1.49E-04
174	4.693E-03	1.20E-03	1.4E-03	1.16E-03	7.32E-04	1.60E-04
175	5.018E-03	1.29E-03	1.5E-03	1.24E-03	7.83E-04	1.71E-04
176	5.338E-03	1.37E-03	1.6E-03	1.32E-03	8.33E-04	1.82E-04
177	5.694E-03	1.46E-03	1.7E-03	1.40E-03	8.90E-04	1.93E-04
178	6.143E-03	1.58E-03	1.9E-03	1.51E-03	9.62E-04	2.07E-04
179	6.698E-03	1.73E-03	2.1E-03	1.64E-03	1.05E-03	2.25E-04
180	7.432E-03	1.92E-03	2.3E-03	1.81E-03	1.17E-03	2.49E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
181	8.310E-03	2.15E-03	2.6E-03	2.02E-03	1.31E-03	2.77E-04
182	9.226E-03	2.38E-03	2.8E-03	2.24E-03	1.45E-03	3.09E-04
183	9.913E-03	2.52E-03	3.0E-03	2.51E-03	1.53E-03	3.46E-04
184	9.211E-03	2.34E-03	2.8E-03	2.35E-03	1.42E-03	3.23E-04
185	2.571E-03	6.56E-04	7.8E-04	6.46E-04	3.99E-04	8.88E-05
186	2.759E-03	7.05E-04	8.4E-04	6.92E-04	4.28E-04	9.52E-05
187	2.926E-03	7.48E-04	8.9E-04	7.33E-04	4.54E-04	1.01E-04
188	5.248E-03	1.35E-03	1.6E-03	1.30E-03	8.19E-04	1.79E-04
189	5.730E-03	1.47E-03	1.8E-03	1.41E-03	8.95E-04	1.95E-04
190	6.205E-03	1.60E-03	1.9E-03	1.53E-03	9.70E-04	2.10E-04
191	6.676E-03	1.72E-03	2.0E-03	1.64E-03	1.04E-03	2.26E-04
192	7.224E-03	1.86E-03	2.2E-03	1.77E-03	1.13E-03	2.43E-04
193	7.863E-03	2.03E-03	2.4E-03	1.91E-03	1.23E-03	2.63E-04
194	8.726E-03	2.26E-03	2.7E-03	2.11E-03	1.37E-03	2.90E-04
195	9.857E-03	2.56E-03	3.0E-03	2.37E-03	1.55E-03	3.27E-04
196	1.114E-02	2.89E-03	3.4E-03	2.68E-03	1.76E-03	3.69E-04
197	1.235E-02	3.20E-03	3.8E-03	2.99E-03	1.94E-03	4.12E-04
198	3.085E-03	7.88E-04	9.4E-04	7.73E-04	4.79E-04	1.06E-04
199	3.346E-03	8.55E-04	1.0E-03	8.37E-04	5.20E-04	1.15E-04
200	3.470E-03	8.87E-04	1.1E-03	8.68E-04	5.39E-04	1.20E-04
201	3.829E-03	9.79E-04	1.2E-03	9.56E-04	5.95E-04	1.32E-04
202	4.170E-03	1.07E-03	1.3E-03	1.04E-03	6.49E-04	1.43E-04
203	4.358E-03	1.12E-03	1.3E-03	1.09E-03	6.78E-04	1.50E-04
204	4.899E-03	1.25E-03	1.5E-03	1.22E-03	7.63E-04	1.68E-04
205	5.476E-03	1.40E-03	1.7E-03	1.36E-03	8.54E-04	1.87E-04
206	5.685E-03	1.46E-03	1.7E-03	1.41E-03	8.86E-04	1.94E-04
207	6.510E-03	1.67E-03	2.0E-03	1.61E-03	1.02E-03	2.22E-04
208	7.518E-03	1.93E-03	2.3E-03	1.85E-03	1.18E-03	2.55E-04
209	6.548E-03	1.68E-03	2.0E-03	1.63E-03	1.02E-03	2.24E-04
210	7.744E-03	1.99E-03	2.4E-03	1.91E-03	1.21E-03	2.63E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
211	9.131E-03	2.35E-03	2.8E-03	2.24E-03	1.43E-03	3.09E-04
212	9.068E-03	2.33E-03	2.8E-03	2.24E-03	1.42E-03	3.08E-04
213	1.117E-02	2.88E-03	3.4E-03	2.74E-03	1.75E-03	3.77E-04
214	1.375E-02	3.55E-03	4.2E-03	3.34E-03	2.16E-03	4.60E-04
215	1.054E-02	2.71E-03	3.2E-03	2.59E-03	1.65E-03	3.57E-04
216	1.334E-02	3.44E-03	4.1E-03	3.26E-03	2.09E-03	4.48E-04
217	1.703E-02	4.41E-03	5.3E-03	4.12E-03	2.68E-03	5.67E-04
218	2.100E-02	5.44E-03	6.5E-03	5.06E-03	3.31E-03	6.97E-04
219	2.957E-02	7.70E-03	9.2E-03	7.03E-03	4.68E-03	9.68E-04
220	2.554E-02	6.61E-03	7.9E-03	6.19E-03	4.02E-03	8.51E-04
221	3.662E-02	9.51E-03	1.1E-02	8.80E-03	5.78E-03	1.21E-03
222	2.924E-02	7.52E-03	9.0E-03	7.21E-03	4.57E-03	9.93E-04
223	4.176E-02	1.07E-02	1.3E-02	1.03E-02	6.52E-03	1.42E-03
224	6.405E-02	1.64E-02	2.0E-02	1.60E-02	9.96E-03	2.20E-03
225	4.164E-02	1.06E-02	1.3E-02	1.06E-02	6.42E-03	1.46E-03
226	5.806E-02	1.46E-02	1.7E-02	1.50E-02	8.90E-03	2.07E-03
227	3.450E-03	8.66E-04	1.0E-03	9.03E-04	5.26E-04	1.24E-04
228	3.047E-03	7.65E-04	9.1E-04	7.96E-04	4.65E-04	1.10E-04
229	2.712E-03	6.81E-04	8.1E-04	7.08E-04	4.14E-04	9.74E-05
230	2.432E-03	6.11E-04	7.3E-04	6.34E-04	3.71E-04	8.72E-05
231	3.145E-03	7.90E-04	9.4E-04	8.22E-04	4.80E-04	1.13E-04
232	2.797E-03	7.03E-04	8.4E-04	7.30E-04	4.27E-04	1.01E-04
233	2.506E-03	6.30E-04	7.5E-04	6.54E-04	3.83E-04	8.99E-05
234	2.259E-03	5.68E-04	6.8E-04	5.89E-04	3.45E-04	8.10E-05
235	2.876E-03	7.22E-04	8.6E-04	7.51E-04	4.39E-04	1.03E-04
236	2.575E-03	6.47E-04	7.7E-04	6.72E-04	3.93E-04	9.25E-05
237	2.321E-03	5.83E-04	6.9E-04	6.05E-04	3.55E-04	8.33E-05
238	2.103E-03	5.29E-04	6.3E-04	5.48E-04	3.21E-04	7.54E-05
239	3.013E-02	7.47E-03	8.9E-03	8.11E-03	4.54E-03	1.12E-03
240	2.517E-02	6.25E-03	7.4E-03	6.76E-03	3.80E-03	9.30E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
241	2.132E-02	5.30E-03	6.3E-03	5.71E-03	3.22E-03	7.85E-04
242	1.827E-02	4.54E-03	5.4E-03	4.88E-03	2.76E-03	6.71E-04
243	2.583E-02	6.40E-03	7.6E-03	6.95E-03	3.89E-03	9.56E-04
244	2.190E-02	5.44E-03	6.5E-03	5.88E-03	3.31E-03	8.09E-04
245	1.878E-02	4.67E-03	5.6E-03	5.02E-03	2.84E-03	6.91E-04
246	1.626E-02	4.05E-03	4.8E-03	4.34E-03	2.46E-03	5.97E-04
247	2.232E-02	5.54E-03	6.6E-03	6.00E-03	3.36E-03	8.26E-04
248	1.918E-02	4.76E-03	5.7E-03	5.14E-03	2.90E-03	7.07E-04
249	1.663E-02	4.14E-03	4.9E-03	4.45E-03	2.51E-03	6.12E-04
250	1.454E-02	3.62E-03	4.3E-03	3.88E-03	2.20E-03	5.33E-04
251	7.918E-03	1.98E-03	2.4E-03	2.10E-03	1.20E-03	2.88E-04
252	7.222E-03	1.80E-03	2.1E-03	1.91E-03	1.10E-03	2.63E-04
253	9.610E-03	2.40E-03	2.9E-03	2.55E-03	1.46E-03	3.51E-04
254	8.733E-03	2.18E-03	2.6E-03	2.32E-03	1.32E-03	3.19E-04
255	7.276E-03	1.82E-03	2.2E-03	1.92E-03	1.10E-03	2.65E-04
256	6.670E-03	1.67E-03	2.0E-03	1.76E-03	1.01E-03	2.42E-04
257	5.232E-03	1.31E-03	1.6E-03	1.38E-03	7.96E-04	1.90E-04
258	8.699E-03	2.17E-03	2.6E-03	2.31E-03	1.32E-03	3.18E-04
259	7.954E-03	1.99E-03	2.4E-03	2.11E-03	1.21E-03	2.90E-04
260	7.290E-03	1.82E-03	2.2E-03	1.93E-03	1.11E-03	2.65E-04
261	6.698E-03	1.67E-03	2.0E-03	1.77E-03	1.02E-03	2.44E-04
262	6.170E-03	1.54E-03	1.8E-03	1.63E-03	9.38E-04	2.24E-04
263	4.898E-03	1.23E-03	1.5E-03	1.29E-03	7.45E-04	1.77E-04
264	7.263E-03	1.81E-03	2.2E-03	1.92E-03	1.10E-03	2.65E-04
265	6.692E-03	1.67E-03	2.0E-03	1.77E-03	1.02E-03	2.43E-04
266	6.179E-03	1.54E-03	1.8E-03	1.63E-03	9.39E-04	2.24E-04
267	5.717E-03	1.43E-03	1.7E-03	1.51E-03	8.69E-04	2.07E-04
268	4.591E-03	1.15E-03	1.4E-03	1.21E-03	6.99E-04	1.66E-04
269	6.471E-03	1.62E-03	1.9E-03	1.69E-03	9.86E-04	2.33E-04
270	5.535E-03	1.39E-03	1.7E-03	1.45E-03	8.44E-04	1.99E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
271	4.780E-03	1.20E-03	1.4E-03	1.25E-03	7.29E-04	1.72E-04
272	4.165E-03	1.05E-03	1.2E-03	1.09E-03	6.35E-04	1.50E-04
273	3.660E-03	9.19E-04	1.1E-03	9.56E-04	5.59E-04	1.32E-04
274	3.241E-03	8.14E-04	9.7E-04	8.46E-04	4.95E-04	1.16E-04
275	2.891E-03	7.26E-04	8.7E-04	7.54E-04	4.41E-04	1.04E-04
276	5.947E-03	1.49E-03	1.8E-03	1.56E-03	9.06E-04	2.15E-04
277	5.085E-03	1.28E-03	1.5E-03	1.33E-03	7.75E-04	1.83E-04
278	4.395E-03	1.10E-03	1.3E-03	1.15E-03	6.70E-04	1.58E-04
279	3.836E-03	9.63E-04	1.1E-03	1.00E-03	5.85E-04	1.38E-04
280	3.378E-03	8.48E-04	1.0E-03	8.83E-04	5.15E-04	1.21E-04
281	2.998E-03	7.53E-04	9.0E-04	7.83E-04	4.58E-04	1.08E-04
282	2.681E-03	6.74E-04	8.0E-04	6.99E-04	4.09E-04	9.63E-05
283	5.382E-03	1.35E-03	1.6E-03	1.41E-03	8.20E-04	1.94E-04
284	4.617E-03	1.16E-03	1.4E-03	1.21E-03	7.04E-04	1.67E-04
285	4.005E-03	1.00E-03	1.2E-03	1.05E-03	6.11E-04	1.44E-04
286	3.509E-03	8.81E-04	1.0E-03	9.18E-04	5.35E-04	1.26E-04
287	3.101E-03	7.79E-04	9.3E-04	8.10E-04	4.73E-04	1.12E-04
288	2.763E-03	6.94E-04	8.3E-04	7.21E-04	4.22E-04	9.93E-05
289	2.480E-03	6.23E-04	7.4E-04	6.47E-04	3.79E-04	8.90E-05
290	4.828E-03	1.21E-03	1.4E-03	1.27E-03	7.35E-04	1.74E-04
291	4.166E-03	1.04E-03	1.2E-03	1.09E-03	6.35E-04	1.50E-04
292	3.633E-03	9.12E-04	1.1E-03	9.51E-04	5.54E-04	1.31E-04
293	3.200E-03	8.03E-04	9.6E-04	8.37E-04	4.88E-04	1.15E-04
294	2.842E-03	7.14E-04	8.5E-04	7.42E-04	4.34E-04	1.02E-04
295	2.544E-03	6.39E-04	7.6E-04	6.64E-04	3.88E-04	9.13E-05
296	2.293E-03	5.76E-04	6.9E-04	5.98E-04	3.50E-04	8.23E-05
297	4.321E-03	1.08E-03	1.3E-03	1.13E-03	6.58E-04	1.56E-04
298	3.755E-03	9.42E-04	1.1E-03	9.83E-04	5.72E-04	1.35E-04
299	3.296E-03	8.27E-04	9.9E-04	8.62E-04	5.03E-04	1.19E-04
300	2.920E-03	7.33E-04	8.7E-04	7.63E-04	4.46E-04	1.05E-04



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
301	2.608E-03	6.55E-04	7.8E-04	6.81E-04	3.98E-04	9.36E-05
302	2.345E-03	5.89E-04	7.0E-04	6.12E-04	3.58E-04	8.42E-05
303	2.123E-03	5.34E-04	6.4E-04	5.53E-04	3.24E-04	7.61E-05
304	3.877E-03	9.72E-04	1.2E-03	1.02E-03	5.91E-04	1.40E-04
305	3.395E-03	8.52E-04	1.0E-03	8.88E-04	5.18E-04	1.22E-04
306	3.000E-03	7.53E-04	9.0E-04	7.84E-04	4.58E-04	1.08E-04
307	2.674E-03	6.72E-04	8.0E-04	6.98E-04	4.08E-04	9.60E-05
308	2.400E-03	6.03E-04	7.2E-04	6.26E-04	3.67E-04	8.61E-05
309	2.169E-03	5.45E-04	6.5E-04	5.65E-04	3.31E-04	7.78E-05
310	1.972E-03	4.96E-04	5.9E-04	5.13E-04	3.01E-04	7.07E-05
311	3.501E-03	8.79E-04	1.0E-03	9.16E-04	5.34E-04	1.26E-04
312	3.087E-03	7.75E-04	9.2E-04	8.07E-04	4.71E-04	1.11E-04
313	2.746E-03	6.90E-04	8.2E-04	7.17E-04	4.19E-04	9.86E-05
314	2.460E-03	6.18E-04	7.4E-04	6.42E-04	3.76E-04	8.83E-05
315	2.220E-03	5.58E-04	6.6E-04	5.78E-04	3.39E-04	7.96E-05
316	2.015E-03	5.07E-04	6.0E-04	5.25E-04	3.08E-04	7.22E-05
317	1.840E-03	4.63E-04	5.5E-04	4.79E-04	2.81E-04	6.59E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Chronic Non Cancer Risk					
	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
1	2.643E-04	6.73E-05	8.01E-05	6.69E-05	4.09E-05	9.20E-06
2	2.768E-04	7.04E-05	8.39E-05	7.00E-05	4.28E-05	9.63E-06
3	2.803E-04	7.13E-05	8.50E-05	7.09E-05	4.34E-05	9.76E-06
4	3.636E-04	9.26E-05	1.10E-04	9.17E-05	5.63E-05	1.26E-05
5	3.754E-04	9.57E-05	1.14E-04	9.46E-05	5.81E-05	1.30E-05
6	3.866E-04	9.85E-05	1.17E-04	9.74E-05	5.99E-05	1.34E-05
7	3.974E-04	1.01E-04	1.21E-04	1.00E-04	6.16E-05	1.38E-05
8	4.082E-04	1.04E-04	1.24E-04	1.03E-04	6.33E-05	1.41E-05
9	4.196E-04	1.07E-04	1.27E-04	1.06E-04	6.50E-05	1.45E-05
10	4.322E-04	1.10E-04	1.31E-04	1.09E-04	6.70E-05	1.50E-05
11	4.470E-04	1.14E-04	1.36E-04	1.12E-04	6.93E-05	1.54E-05
12	4.650E-04	1.19E-04	1.41E-04	1.17E-04	7.22E-05	1.61E-05
13	4.879E-04	1.25E-04	1.48E-04	1.22E-04	7.58E-05	1.68E-05
14	5.146E-04	1.32E-04	1.57E-04	1.29E-04	8.00E-05	1.77E-05
15	5.453E-04	1.39E-04	1.66E-04	1.36E-04	8.48E-05	1.87E-05
16	5.803E-04	1.48E-04	1.77E-04	1.45E-04	9.02E-05	1.99E-05
17	6.176E-04	1.58E-04	1.88E-04	1.54E-04	9.61E-05	2.12E-05
18	6.551E-04	1.68E-04	2.00E-04	1.63E-04	1.02E-04	2.25E-05
19	6.919E-04	1.77E-04	2.11E-04	1.73E-04	1.08E-04	2.38E-05
20	7.258E-04	1.86E-04	2.21E-04	1.81E-04	1.13E-04	2.50E-05
21	7.551E-04	1.93E-04	2.30E-04	1.89E-04	1.17E-04	2.60E-05
22	7.784E-04	1.99E-04	2.37E-04	1.95E-04	1.21E-04	2.69E-05
23	7.944E-04	2.03E-04	2.41E-04	2.00E-04	1.23E-04	2.75E-05
24	8.026E-04	2.05E-04	2.44E-04	2.02E-04	1.24E-04	2.78E-05
25	8.029E-04	2.04E-04	2.43E-04	2.03E-04	1.24E-04	2.79E-05
26	2.844E-04	7.24E-05	8.62E-05	7.19E-05	4.40E-05	9.89E-06
27	2.985E-04	7.60E-05	9.05E-05	7.54E-05	4.62E-05	1.04E-05
28	3.030E-04	7.71E-05	9.19E-05	7.66E-05	4.69E-05	1.05E-05
29	4.035E-04	1.03E-04	1.22E-04	1.02E-04	6.25E-05	1.40E-05
30	4.181E-04	1.07E-04	1.27E-04	1.05E-04	6.48E-05	1.45E-05

Max	Receptor #
0.0142	224

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>					
	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
31	4.322E-04	1.10E-04	1.31E-04	1.09E-04	6.70E-05	1.50E-05
32	4.456E-04	1.14E-04	1.35E-04	1.12E-04	6.91E-05	1.54E-05
33	4.589E-04	1.17E-04	1.39E-04	1.15E-04	7.11E-05	1.59E-05
34	4.729E-04	1.21E-04	1.44E-04	1.19E-04	7.33E-05	1.63E-05
35	4.886E-04	1.25E-04	1.49E-04	1.23E-04	7.58E-05	1.69E-05
36	5.072E-04	1.30E-04	1.54E-04	1.27E-04	7.87E-05	1.75E-05
37	5.311E-04	1.36E-04	1.62E-04	1.33E-04	8.25E-05	1.83E-05
38	5.605E-04	1.43E-04	1.71E-04	1.40E-04	8.71E-05	1.93E-05
39	5.942E-04	1.52E-04	1.81E-04	1.48E-04	9.24E-05	2.04E-05
40	6.336E-04	1.62E-04	1.93E-04	1.58E-04	9.86E-05	2.17E-05
41	6.778E-04	1.74E-04	2.07E-04	1.69E-04	1.06E-04	2.32E-05
42	7.233E-04	1.85E-04	2.21E-04	1.80E-04	1.13E-04	2.48E-05
43	7.683E-04	1.97E-04	2.34E-04	1.91E-04	1.20E-04	2.63E-05
44	8.105E-04	2.07E-04	2.47E-04	2.02E-04	1.26E-04	2.78E-05
45	8.473E-04	2.17E-04	2.58E-04	2.12E-04	1.32E-04	2.91E-05
46	8.765E-04	2.24E-04	2.67E-04	2.19E-04	1.36E-04	3.02E-05
47	8.965E-04	2.29E-04	2.73E-04	2.25E-04	1.39E-04	3.10E-05
48	9.065E-04	2.31E-04	2.75E-04	2.28E-04	1.40E-04	3.14E-05
49	9.063E-04	2.31E-04	2.75E-04	2.29E-04	1.40E-04	3.15E-05
50	8.966E-04	2.28E-04	2.72E-04	2.27E-04	1.39E-04	3.12E-05
51	3.071E-04	7.82E-05	9.31E-05	7.76E-05	4.75E-05	1.07E-05
52	3.232E-04	8.23E-05	9.80E-05	8.16E-05	5.00E-05	1.12E-05
53	3.291E-04	8.38E-05	9.98E-05	8.31E-05	5.09E-05	1.14E-05
54	4.508E-04	1.15E-04	1.37E-04	1.13E-04	6.99E-05	1.56E-05
55	4.693E-04	1.20E-04	1.43E-04	1.18E-04	7.28E-05	1.62E-05
56	4.868E-04	1.24E-04	1.48E-04	1.22E-04	7.55E-05	1.68E-05
57	5.037E-04	1.29E-04	1.53E-04	1.26E-04	7.81E-05	1.74E-05
58	5.204E-04	1.33E-04	1.58E-04	1.31E-04	8.07E-05	1.80E-05
59	5.382E-04	1.37E-04	1.64E-04	1.35E-04	8.35E-05	1.86E-05
60	5.581E-04	1.43E-04	1.70E-04	1.40E-04	8.67E-05	1.92E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>					
	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
61	5.820E-04	1.49E-04	1.77E-04	1.46E-04	9.04E-05	2.00E-05
62	6.135E-04	1.57E-04	1.87E-04	1.53E-04	9.54E-05	2.11E-05
63	6.514E-04	1.67E-04	1.99E-04	1.62E-04	1.01E-04	2.23E-05
64	6.956E-04	1.78E-04	2.12E-04	1.73E-04	1.08E-04	2.38E-05
65	7.465E-04	1.91E-04	2.28E-04	1.85E-04	1.16E-04	2.55E-05
66	8.025E-04	2.06E-04	2.45E-04	1.99E-04	1.25E-04	2.74E-05
67	8.581E-04	2.20E-04	2.62E-04	2.13E-04	1.34E-04	2.93E-05
68	9.112E-04	2.33E-04	2.78E-04	2.27E-04	1.42E-04	3.12E-05
69	9.579E-04	2.45E-04	2.92E-04	2.39E-04	1.49E-04	3.28E-05
70	9.953E-04	2.55E-04	3.03E-04	2.49E-04	1.55E-04	3.42E-05
71	1.021E-03	2.61E-04	3.11E-04	2.56E-04	1.58E-04	3.52E-05
72	1.033E-03	2.64E-04	3.14E-04	2.60E-04	1.60E-04	3.57E-05
73	1.032E-03	2.63E-04	3.13E-04	2.60E-04	1.60E-04	3.58E-05
74	1.019E-03	2.59E-04	3.09E-04	2.58E-04	1.58E-04	3.55E-05
75	9.950E-04	2.53E-04	3.01E-04	2.53E-04	1.54E-04	3.47E-05
76	3.330E-04	8.48E-05	1.01E-04	8.41E-05	5.15E-05	1.16E-05
77	3.515E-04	8.95E-05	1.07E-04	8.87E-05	5.44E-05	1.22E-05
78	3.595E-04	9.16E-05	1.09E-04	9.07E-05	5.57E-05	1.25E-05
79	5.074E-04	1.29E-04	1.54E-04	1.27E-04	7.87E-05	1.75E-05
80	5.309E-04	1.36E-04	1.61E-04	1.33E-04	8.24E-05	1.83E-05
81	5.532E-04	1.41E-04	1.68E-04	1.39E-04	8.59E-05	1.91E-05
82	5.748E-04	1.47E-04	1.75E-04	1.44E-04	8.92E-05	1.98E-05
83	5.963E-04	1.52E-04	1.81E-04	1.49E-04	9.26E-05	2.05E-05
84	6.191E-04	1.58E-04	1.88E-04	1.55E-04	9.62E-05	2.13E-05
85	6.450E-04	1.65E-04	1.96E-04	1.61E-04	1.00E-04	2.22E-05
86	6.785E-04	1.74E-04	2.07E-04	1.69E-04	1.06E-04	2.33E-05
87	7.194E-04	1.84E-04	2.20E-04	1.79E-04	1.12E-04	2.46E-05
88	7.686E-04	1.97E-04	2.35E-04	1.91E-04	1.20E-04	2.62E-05
89	8.275E-04	2.12E-04	2.53E-04	2.05E-04	1.29E-04	2.82E-05
90	8.942E-04	2.30E-04	2.73E-04	2.21E-04	1.40E-04	3.04E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>					
	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
91	9.644E-04	2.48E-04	2.95E-04	2.39E-04	1.50E-04	3.28E-05
92	1.032E-03	2.65E-04	3.15E-04	2.56E-04	1.61E-04	3.52E-05
93	1.092E-03	2.80E-04	3.34E-04	2.71E-04	1.70E-04	3.73E-05
94	1.141E-03	2.92E-04	3.48E-04	2.84E-04	1.78E-04	3.91E-05
95	1.174E-03	3.00E-04	3.58E-04	2.94E-04	1.82E-04	4.04E-05
96	1.190E-03	3.04E-04	3.62E-04	2.99E-04	1.85E-04	4.11E-05
97	1.188E-03	3.03E-04	3.61E-04	2.99E-04	1.84E-04	4.12E-05
98	1.170E-03	2.98E-04	3.55E-04	2.96E-04	1.81E-04	4.07E-05
99	1.138E-03	2.89E-04	3.44E-04	2.89E-04	1.76E-04	3.97E-05
100	1.094E-03	2.78E-04	3.31E-04	2.79E-04	1.69E-04	3.83E-05
101	3.626E-04	9.24E-05	1.10E-04	9.15E-05	5.62E-05	1.26E-05
102	3.841E-04	9.79E-05	1.17E-04	9.68E-05	5.95E-05	1.33E-05
103	3.951E-04	1.01E-04	1.20E-04	9.95E-05	6.12E-05	1.37E-05
104	5.759E-04	1.47E-04	1.75E-04	1.44E-04	8.94E-05	1.99E-05
105	6.063E-04	1.55E-04	1.85E-04	1.52E-04	9.42E-05	2.09E-05
106	6.354E-04	1.62E-04	1.93E-04	1.59E-04	9.87E-05	2.19E-05
107	6.635E-04	1.70E-04	2.02E-04	1.66E-04	1.03E-04	2.28E-05
108	6.916E-04	1.77E-04	2.11E-04	1.73E-04	1.07E-04	2.38E-05
109	7.213E-04	1.85E-04	2.20E-04	1.80E-04	1.12E-04	2.48E-05
110	7.561E-04	1.94E-04	2.31E-04	1.88E-04	1.18E-04	2.59E-05
111	8.022E-04	2.06E-04	2.45E-04	1.99E-04	1.25E-04	2.74E-05
112	8.560E-04	2.20E-04	2.62E-04	2.12E-04	1.34E-04	2.92E-05
113	9.232E-04	2.37E-04	2.82E-04	2.28E-04	1.44E-04	3.14E-05
114	1.003E-03	2.58E-04	3.07E-04	2.47E-04	1.57E-04	3.40E-05
115	1.090E-03	2.80E-04	3.34E-04	2.69E-04	1.70E-04	3.70E-05
116	1.178E-03	3.03E-04	3.60E-04	2.91E-04	1.84E-04	4.00E-05
117	1.257E-03	3.23E-04	3.84E-04	3.11E-04	1.96E-04	4.28E-05
118	1.322E-03	3.39E-04	4.04E-04	3.28E-04	2.06E-04	4.52E-05
119	1.367E-03	3.50E-04	4.17E-04	3.41E-04	2.13E-04	4.69E-05
120	1.388E-03	3.55E-04	4.22E-04	3.48E-04	2.15E-04	4.78E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>					
	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
121	1.384E-03	3.53E-04	4.21E-04	3.48E-04	2.15E-04	4.79E-05
122	1.359E-03	3.46E-04	4.12E-04	3.43E-04	2.10E-04	4.73E-05
123	1.315E-03	3.34E-04	3.98E-04	3.34E-04	2.03E-04	4.59E-05
124	1.257E-03	3.19E-04	3.80E-04	3.20E-04	1.94E-04	4.40E-05
125	3.965E-04	1.01E-04	1.20E-04	9.99E-05	6.14E-05	1.38E-05
126	4.216E-04	1.07E-04	1.28E-04	1.06E-04	6.53E-05	1.46E-05
127	4.363E-04	1.11E-04	1.33E-04	1.10E-04	6.76E-05	1.51E-05
128	6.999E-04	1.79E-04	2.13E-04	1.75E-04	1.09E-04	2.41E-05
129	7.386E-04	1.89E-04	2.25E-04	1.84E-04	1.15E-04	2.54E-05
130	7.761E-04	1.99E-04	2.37E-04	1.94E-04	1.21E-04	2.66E-05
131	8.133E-04	2.08E-04	2.48E-04	2.03E-04	1.27E-04	2.79E-05
132	8.529E-04	2.19E-04	2.60E-04	2.12E-04	1.33E-04	2.92E-05
133	9.021E-04	2.31E-04	2.76E-04	2.24E-04	1.41E-04	3.08E-05
134	9.632E-04	2.47E-04	2.95E-04	2.38E-04	1.50E-04	3.28E-05
135	1.039E-03	2.67E-04	3.18E-04	2.56E-04	1.62E-04	3.52E-05
136	1.133E-03	2.92E-04	3.47E-04	2.78E-04	1.77E-04	3.83E-05
137	1.241E-03	3.20E-04	3.81E-04	3.05E-04	1.94E-04	4.19E-05
138	1.356E-03	3.49E-04	4.16E-04	3.33E-04	2.12E-04	4.58E-05
139	1.463E-03	3.76E-04	4.48E-04	3.60E-04	2.29E-04	4.96E-05
140	1.551E-03	3.98E-04	4.74E-04	3.84E-04	2.42E-04	5.28E-05
141	1.612E-03	4.13E-04	4.92E-04	4.01E-04	2.51E-04	5.51E-05
142	1.641E-03	4.20E-04	5.00E-04	4.10E-04	2.55E-04	5.64E-05
143	1.635E-03	4.17E-04	4.97E-04	4.11E-04	2.54E-04	5.65E-05
144	1.600E-03	4.07E-04	4.85E-04	4.04E-04	2.48E-04	5.56E-05
145	1.539E-03	3.91E-04	4.66E-04	3.90E-04	2.38E-04	5.37E-05
146	1.460E-03	3.70E-04	4.41E-04	3.72E-04	2.25E-04	5.12E-05
147	4.351E-04	1.11E-04	1.32E-04	1.10E-04	6.74E-05	1.51E-05
148	4.650E-04	1.19E-04	1.41E-04	1.17E-04	7.21E-05	1.61E-05
149	4.858E-04	1.24E-04	1.48E-04	1.22E-04	7.53E-05	1.68E-05
150	8.179E-04	2.09E-04	2.49E-04	2.04E-04	1.27E-04	2.80E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>					
	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
151	8.705E-04	2.23E-04	2.66E-04	2.17E-04	1.36E-04	2.98E-05
152	9.217E-04	2.36E-04	2.81E-04	2.29E-04	1.44E-04	3.15E-05
153	9.724E-04	2.49E-04	2.97E-04	2.41E-04	1.52E-04	3.32E-05
154	1.027E-03	2.63E-04	3.14E-04	2.54E-04	1.60E-04	3.50E-05
155	1.098E-03	2.82E-04	3.36E-04	2.71E-04	1.71E-04	3.73E-05
156	1.182E-03	3.04E-04	3.62E-04	2.91E-04	1.85E-04	4.00E-05
157	1.291E-03	3.33E-04	3.96E-04	3.16E-04	2.02E-04	4.35E-05
158	1.425E-03	3.68E-04	4.38E-04	3.48E-04	2.23E-04	4.79E-05
159	1.575E-03	4.06E-04	4.84E-04	3.85E-04	2.47E-04	5.29E-05
160	1.721E-03	4.44E-04	5.28E-04	4.21E-04	2.70E-04	5.80E-05
161	1.845E-03	4.75E-04	5.65E-04	4.54E-04	2.88E-04	6.24E-05
162	1.932E-03	4.96E-04	5.91E-04	4.78E-04	3.01E-04	6.58E-05
163	1.972E-03	5.05E-04	6.01E-04	4.91E-04	3.07E-04	6.76E-05
164	1.964E-03	5.02E-04	5.97E-04	4.92E-04	3.05E-04	6.78E-05
165	1.912E-03	4.87E-04	5.80E-04	4.82E-04	2.96E-04	6.64E-05
166	1.826E-03	4.64E-04	5.53E-04	4.63E-04	2.82E-04	6.37E-05
167	1.716E-03	4.35E-04	5.19E-04	4.37E-04	2.65E-04	6.02E-05
168	1.593E-03	4.03E-04	4.81E-04	4.08E-04	2.45E-04	5.61E-05
169	4.786E-04	1.22E-04	1.45E-04	1.20E-04	7.42E-05	1.66E-05
170	5.148E-04	1.31E-04	1.56E-04	1.29E-04	7.98E-05	1.78E-05
171	5.448E-04	1.39E-04	1.66E-04	1.37E-04	8.45E-05	1.88E-05
172	5.747E-04	1.47E-04	1.75E-04	1.44E-04	8.92E-05	1.98E-05
173	9.691E-04	2.48E-04	2.96E-04	2.41E-04	1.51E-04	3.31E-05
174	1.043E-03	2.68E-04	3.19E-04	2.59E-04	1.63E-04	3.56E-05
175	1.115E-03	2.86E-04	3.41E-04	2.76E-04	1.74E-04	3.80E-05
176	1.186E-03	3.05E-04	3.63E-04	2.93E-04	1.85E-04	4.03E-05
177	1.265E-03	3.25E-04	3.88E-04	3.12E-04	1.98E-04	4.29E-05
178	1.365E-03	3.52E-04	4.19E-04	3.35E-04	2.14E-04	4.61E-05
179	1.488E-03	3.84E-04	4.58E-04	3.63E-04	2.33E-04	5.00E-05
180	1.652E-03	4.27E-04	5.09E-04	4.01E-04	2.59E-04	5.52E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>					
	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
181	1.847E-03	4.78E-04	5.69E-04	4.48E-04	2.90E-04	6.17E-05
182	2.050E-03	5.30E-04	6.31E-04	4.98E-04	3.22E-04	6.86E-05
183	2.203E-03	5.60E-04	6.67E-04	5.59E-04	3.40E-04	7.69E-05
184	2.047E-03	5.19E-04	6.18E-04	5.22E-04	3.16E-04	7.19E-05
185	5.714E-04	1.46E-04	1.74E-04	1.43E-04	8.86E-05	1.97E-05
186	6.131E-04	1.57E-04	1.86E-04	1.54E-04	9.52E-05	2.12E-05
187	6.503E-04	1.66E-04	1.98E-04	1.63E-04	1.01E-04	2.24E-05
188	1.166E-03	2.99E-04	3.57E-04	2.89E-04	1.82E-04	3.97E-05
189	1.273E-03	3.27E-04	3.90E-04	3.14E-04	1.99E-04	4.33E-05
190	1.379E-03	3.55E-04	4.22E-04	3.40E-04	2.16E-04	4.67E-05
191	1.484E-03	3.82E-04	4.55E-04	3.65E-04	2.32E-04	5.02E-05
192	1.605E-03	4.14E-04	4.93E-04	3.93E-04	2.52E-04	5.41E-05
193	1.747E-03	4.51E-04	5.38E-04	4.25E-04	2.74E-04	5.85E-05
194	1.939E-03	5.02E-04	5.98E-04	4.69E-04	3.05E-04	6.45E-05
195	2.190E-03	5.68E-04	6.77E-04	5.27E-04	3.45E-04	7.26E-05
196	2.476E-03	6.42E-04	7.65E-04	5.96E-04	3.90E-04	8.21E-05
197	2.744E-03	7.10E-04	8.46E-04	6.65E-04	4.32E-04	9.15E-05
198	6.856E-04	1.75E-04	2.09E-04	1.72E-04	1.06E-04	2.36E-05
199	7.435E-04	1.90E-04	2.26E-04	1.86E-04	1.16E-04	2.56E-05
200	7.711E-04	1.97E-04	2.35E-04	1.93E-04	1.20E-04	2.66E-05
201	8.509E-04	2.18E-04	2.59E-04	2.12E-04	1.32E-04	2.92E-05
202	9.266E-04	2.37E-04	2.83E-04	2.31E-04	1.44E-04	3.18E-05
203	9.685E-04	2.48E-04	2.95E-04	2.42E-04	1.51E-04	3.32E-05
204	1.089E-03	2.79E-04	3.32E-04	2.71E-04	1.70E-04	3.73E-05
205	1.217E-03	3.12E-04	3.72E-04	3.02E-04	1.90E-04	4.15E-05
206	1.263E-03	3.24E-04	3.86E-04	3.14E-04	1.97E-04	4.32E-05
207	1.447E-03	3.71E-04	4.42E-04	3.58E-04	2.26E-04	4.93E-05
208	1.671E-03	4.30E-04	5.12E-04	4.11E-04	2.61E-04	5.66E-05
209	1.455E-03	3.73E-04	4.44E-04	3.61E-04	2.27E-04	4.97E-05
210	1.721E-03	4.42E-04	5.27E-04	4.25E-04	2.69E-04	5.85E-05



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>					
	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
211	2.029E-03	5.22E-04	6.22E-04	4.99E-04	3.18E-04	6.86E-05
212	2.015E-03	5.18E-04	6.17E-04	4.97E-04	3.15E-04	6.84E-05
213	2.482E-03	6.39E-04	7.62E-04	6.08E-04	3.89E-04	8.37E-05
214	3.055E-03	7.90E-04	9.41E-04	7.43E-04	4.80E-04	1.02E-04
215	2.342E-03	6.03E-04	7.18E-04	5.76E-04	3.66E-04	7.93E-05
216	2.964E-03	7.65E-04	9.11E-04	7.24E-04	4.65E-04	9.97E-05
217	3.784E-03	9.80E-04	1.17E-03	9.16E-04	5.95E-04	1.26E-04
218	4.667E-03	1.21E-03	1.44E-03	1.13E-03	7.35E-04	1.55E-04
219	6.570E-03	1.71E-03	2.04E-03	1.56E-03	1.04E-03	2.15E-04
220	5.675E-03	1.47E-03	1.75E-03	1.37E-03	8.93E-04	1.89E-04
221	8.139E-03	2.11E-03	2.52E-03	1.96E-03	1.28E-03	2.69E-04
222	6.499E-03	1.67E-03	1.99E-03	1.60E-03	1.02E-03	2.21E-04
223	9.279E-03	2.38E-03	2.84E-03	2.29E-03	1.45E-03	3.16E-04
224	1.423E-02	3.64E-03	4.34E-03	3.55E-03	2.21E-03	4.89E-04
225	9.254E-03	2.35E-03	2.80E-03	2.36E-03	1.43E-03	3.24E-04
226	1.290E-02	3.25E-03	3.88E-03	3.34E-03	1.98E-03	4.59E-04
227	7.667E-04	1.92E-04	2.29E-04	2.01E-04	1.17E-04	2.76E-05
228	6.770E-04	1.70E-04	2.02E-04	1.77E-04	1.03E-04	2.43E-05
229	6.026E-04	1.51E-04	1.80E-04	1.57E-04	9.20E-05	2.16E-05
230	5.404E-04	1.36E-04	1.62E-04	1.41E-04	8.25E-05	1.94E-05
231	6.990E-04	1.75E-04	2.09E-04	1.83E-04	1.07E-04	2.51E-05
232	6.216E-04	1.56E-04	1.86E-04	1.62E-04	9.49E-05	2.23E-05
233	5.568E-04	1.40E-04	1.67E-04	1.45E-04	8.50E-05	2.00E-05
234	5.020E-04	1.26E-04	1.50E-04	1.31E-04	7.67E-05	1.80E-05
235	6.390E-04	1.60E-04	1.91E-04	1.67E-04	9.75E-05	2.30E-05
236	5.723E-04	1.44E-04	1.71E-04	1.49E-04	8.74E-05	2.06E-05
237	5.158E-04	1.30E-04	1.54E-04	1.34E-04	7.88E-05	1.85E-05
238	4.674E-04	1.18E-04	1.40E-04	1.22E-04	7.14E-05	1.68E-05
239	6.695E-03	1.66E-03	1.98E-03	1.80E-03	1.01E-03	2.48E-04
240	5.594E-03	1.39E-03	1.65E-03	1.50E-03	8.44E-04	2.07E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>					
	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
241	4.738E-03	1.18E-03	1.40E-03	1.27E-03	7.16E-04	1.75E-04
242	4.060E-03	1.01E-03	1.20E-03	1.08E-03	6.14E-04	1.49E-04
243	5.740E-03	1.42E-03	1.70E-03	1.54E-03	8.65E-04	2.13E-04
244	4.868E-03	1.21E-03	1.44E-03	1.31E-03	7.34E-04	1.80E-04
245	4.174E-03	1.04E-03	1.24E-03	1.12E-03	6.30E-04	1.54E-04
246	3.614E-03	8.99E-04	1.07E-03	9.64E-04	5.46E-04	1.33E-04
247	4.960E-03	1.23E-03	1.47E-03	1.33E-03	7.48E-04	1.83E-04
248	4.263E-03	1.06E-03	1.26E-03	1.14E-03	6.43E-04	1.57E-04
249	3.697E-03	9.19E-04	1.09E-03	9.88E-04	5.59E-04	1.36E-04
250	3.231E-03	8.04E-04	9.58E-04	8.61E-04	4.89E-04	1.19E-04
251	1.759E-03	4.39E-04	5.23E-04	4.66E-04	2.67E-04	6.41E-05
252	1.605E-03	4.01E-04	4.78E-04	4.24E-04	2.44E-04	5.84E-05
253	2.136E-03	5.32E-04	6.34E-04	5.68E-04	3.24E-04	7.81E-05
254	1.941E-03	4.84E-04	5.77E-04	5.15E-04	2.94E-04	7.09E-05
255	1.617E-03	4.04E-04	4.81E-04	4.28E-04	2.45E-04	5.89E-05
256	1.482E-03	3.70E-04	4.41E-04	3.92E-04	2.25E-04	5.39E-05
257	1.163E-03	2.91E-04	3.47E-04	3.06E-04	1.77E-04	4.21E-05
258	1.933E-03	4.82E-04	5.74E-04	5.13E-04	2.93E-04	7.06E-05
259	1.768E-03	4.41E-04	5.25E-04	4.68E-04	2.68E-04	6.45E-05
260	1.620E-03	4.05E-04	4.82E-04	4.29E-04	2.46E-04	5.90E-05
261	1.489E-03	3.72E-04	4.43E-04	3.93E-04	2.26E-04	5.41E-05
262	1.371E-03	3.43E-04	4.08E-04	3.62E-04	2.08E-04	4.98E-05
263	1.088E-03	2.73E-04	3.25E-04	2.86E-04	1.66E-04	3.94E-05
264	1.614E-03	4.03E-04	4.80E-04	4.27E-04	2.45E-04	5.88E-05
265	1.487E-03	3.72E-04	4.43E-04	3.93E-04	2.26E-04	5.41E-05
266	1.373E-03	3.43E-04	4.09E-04	3.63E-04	2.09E-04	4.99E-05
267	1.270E-03	3.18E-04	3.78E-04	3.35E-04	1.93E-04	4.61E-05
268	1.020E-03	2.55E-04	3.04E-04	2.68E-04	1.55E-04	3.69E-05
269	1.438E-03	3.61E-04	4.30E-04	3.77E-04	2.19E-04	5.18E-05
270	1.230E-03	3.09E-04	3.68E-04	3.22E-04	1.88E-04	4.43E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>					
	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
271	1.062E-03	2.67E-04	3.18E-04	2.78E-04	1.62E-04	3.82E-05
272	9.256E-04	2.32E-04	2.77E-04	2.42E-04	1.41E-04	3.33E-05
273	8.133E-04	2.04E-04	2.43E-04	2.12E-04	1.24E-04	2.92E-05
274	7.202E-04	1.81E-04	2.15E-04	1.88E-04	1.10E-04	2.59E-05
275	6.424E-04	1.61E-04	1.92E-04	1.68E-04	9.81E-05	2.31E-05
276	1.322E-03	3.31E-04	3.95E-04	3.47E-04	2.01E-04	4.77E-05
277	1.130E-03	2.83E-04	3.38E-04	2.96E-04	1.72E-04	4.08E-05
278	9.768E-04	2.45E-04	2.92E-04	2.56E-04	1.49E-04	3.52E-05
279	8.524E-04	2.14E-04	2.55E-04	2.23E-04	1.30E-04	3.07E-05
280	7.506E-04	1.88E-04	2.24E-04	1.96E-04	1.15E-04	2.70E-05
281	6.663E-04	1.67E-04	1.99E-04	1.74E-04	1.02E-04	2.39E-05
282	5.959E-04	1.50E-04	1.78E-04	1.55E-04	9.10E-05	2.14E-05
283	1.196E-03	3.00E-04	3.57E-04	3.14E-04	1.82E-04	4.32E-05
284	1.026E-03	2.57E-04	3.06E-04	2.69E-04	1.56E-04	3.70E-05
285	8.900E-04	2.23E-04	2.66E-04	2.33E-04	1.36E-04	3.21E-05
286	7.797E-04	1.96E-04	2.33E-04	2.04E-04	1.19E-04	2.81E-05
287	6.892E-04	1.73E-04	2.06E-04	1.80E-04	1.05E-04	2.48E-05
288	6.141E-04	1.54E-04	1.84E-04	1.60E-04	9.38E-05	2.21E-05
289	5.512E-04	1.38E-04	1.65E-04	1.44E-04	8.42E-05	1.98E-05
290	1.073E-03	2.69E-04	3.20E-04	2.82E-04	1.63E-04	3.87E-05
291	9.257E-04	2.32E-04	2.76E-04	2.43E-04	1.41E-04	3.34E-05
292	8.074E-04	2.03E-04	2.41E-04	2.11E-04	1.23E-04	2.91E-05
293	7.110E-04	1.78E-04	2.13E-04	1.86E-04	1.08E-04	2.56E-05
294	6.316E-04	1.59E-04	1.89E-04	1.65E-04	9.64E-05	2.27E-05
295	5.653E-04	1.42E-04	1.69E-04	1.48E-04	8.63E-05	2.03E-05
296	5.096E-04	1.28E-04	1.53E-04	1.33E-04	7.78E-05	1.83E-05
297	9.602E-04	2.41E-04	2.87E-04	2.52E-04	1.46E-04	3.46E-05
298	8.344E-04	2.09E-04	2.49E-04	2.19E-04	1.27E-04	3.01E-05
299	7.325E-04	1.84E-04	2.19E-04	1.92E-04	1.12E-04	2.64E-05
300	6.489E-04	1.63E-04	1.94E-04	1.70E-04	9.90E-05	2.33E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Risk Summary**

Receptor #	<i>Chronic Non Cancer Risk</i>					
	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
301	5.795E-04	1.46E-04	1.73E-04	1.51E-04	8.85E-05	2.08E-05
302	5.212E-04	1.31E-04	1.56E-04	1.36E-04	7.96E-05	1.87E-05
303	4.718E-04	1.19E-04	1.41E-04	1.23E-04	7.21E-05	1.69E-05
304	8.616E-04	2.16E-04	2.57E-04	2.26E-04	1.31E-04	3.11E-05
305	7.544E-04	1.89E-04	2.26E-04	1.97E-04	1.15E-04	2.72E-05
306	6.668E-04	1.67E-04	1.99E-04	1.74E-04	1.02E-04	2.40E-05
307	5.942E-04	1.49E-04	1.78E-04	1.55E-04	9.07E-05	2.13E-05
308	5.335E-04	1.34E-04	1.60E-04	1.39E-04	8.15E-05	1.91E-05
309	4.821E-04	1.21E-04	1.44E-04	1.26E-04	7.37E-05	1.73E-05
310	4.383E-04	1.10E-04	1.31E-04	1.14E-04	6.70E-05	1.57E-05
311	7.781E-04	1.95E-04	2.33E-04	2.04E-04	1.19E-04	2.80E-05
312	6.860E-04	1.72E-04	2.05E-04	1.79E-04	1.05E-04	2.47E-05
313	6.101E-04	1.53E-04	1.83E-04	1.59E-04	9.31E-05	2.19E-05
314	5.468E-04	1.37E-04	1.64E-04	1.43E-04	8.35E-05	1.96E-05
315	4.933E-04	1.24E-04	1.48E-04	1.29E-04	7.54E-05	1.77E-05
316	4.479E-04	1.13E-04	1.34E-04	1.17E-04	6.85E-05	1.60E-05
317	4.088E-04	1.03E-04	1.22E-04	1.06E-04	6.25E-05	1.46E-05

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Parcel 2-D: Unmitigated - Parcel 2 - Site Preparation Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

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**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL		
				Constant	Dose	Constant	Risk	Constant 2				
1	0.0526	6.39E-03	3.4E-04	1.05E-03	3.51E-07	8.61E-04	3.03E-10	1.0E+06	3.0E-04	Max 0.016	Receptor # 224	5
2	0.05508	6.39E-03	3.5E-04	1.05E-03	3.68E-07	8.61E-04	3.17E-10	1.0E+06	3.2E-04			5
3	0.05579	6.39E-03	3.6E-04	1.05E-03	3.73E-07	8.61E-04	3.21E-10	1.0E+06	3.2E-04	5		
4	0.07244	6.39E-03	4.6E-04	1.05E-03	4.84E-07	8.61E-04	4.17E-10	1.0E+06	4.2E-04	5		
5	0.07481	6.39E-03	4.8E-04	1.05E-03	5.00E-07	8.61E-04	4.30E-10	1.0E+06	4.3E-04	5		
6	0.07706	6.39E-03	4.9E-04	1.05E-03	5.15E-07	8.61E-04	4.43E-10	1.0E+06	4.4E-04	5		
7	0.07922	6.39E-03	5.1E-04	1.05E-03	5.29E-07	8.61E-04	4.56E-10	1.0E+06	4.6E-04	5		
8	0.08139	6.39E-03	5.2E-04	1.05E-03	5.44E-07	8.61E-04	4.68E-10	1.0E+06	4.7E-04	5		
9	0.08368	6.39E-03	5.3E-04	1.05E-03	5.59E-07	8.61E-04	4.81E-10	1.0E+06	4.8E-04	5		
10	0.08623	6.39E-03	5.5E-04	1.05E-03	5.76E-07	8.61E-04	4.96E-10	1.0E+06	5.0E-04	5		
11	0.08922	6.39E-03	5.7E-04	1.05E-03	5.96E-07	8.61E-04	5.13E-10	1.0E+06	5.1E-04	5		
12	0.09286	6.39E-03	5.9E-04	1.05E-03	6.21E-07	8.61E-04	5.34E-10	1.0E+06	5.3E-04	5		
13	0.09749	6.39E-03	6.2E-04	1.05E-03	6.51E-07	8.61E-04	5.61E-10	1.0E+06	5.6E-04	5		
14	0.10289	6.39E-03	6.6E-04	1.05E-03	6.88E-07	8.61E-04	5.92E-10	1.0E+06	5.9E-04	5		
15	0.10909	6.39E-03	7.0E-04	1.05E-03	7.29E-07	8.61E-04	6.28E-10	1.0E+06	6.3E-04	5		
16	0.11612	6.39E-03	7.4E-04	1.05E-03	7.76E-07	8.61E-04	6.68E-10	1.0E+06	6.7E-04	5		
17	0.1236	6.39E-03	7.9E-04	1.05E-03	8.26E-07	8.61E-04	7.11E-10	1.0E+06	7.1E-04	5		
18	0.13111	6.39E-03	8.4E-04	1.05E-03	8.76E-07	8.61E-04	7.54E-10	1.0E+06	7.5E-04	5		
19	0.13842	6.39E-03	8.8E-04	1.05E-03	9.25E-07	8.61E-04	7.96E-10	1.0E+06	8.0E-04	5		
20	0.14514	6.39E-03	9.3E-04	1.05E-03	9.70E-07	8.61E-04	8.35E-10	1.0E+06	8.4E-04	5		
21	0.1509	6.39E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.68E-10	1.0E+06	8.7E-04	5		
22	0.15542	6.39E-03	9.9E-04	1.05E-03	1.04E-06	8.61E-04	8.94E-10	1.0E+06	8.9E-04	5		
23	0.15847	6.39E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.12E-10	1.0E+06	9.1E-04	5		
24	0.15995	6.39E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.20E-10	1.0E+06	9.2E-04	5		
25	0.15985	6.39E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.20E-10	1.0E+06	9.2E-04	5		
26	0.0566	6.39E-03	3.6E-04	1.05E-03	3.78E-07	8.61E-04	3.26E-10	1.0E+06	3.3E-04	5		
27	0.05942	6.39E-03	3.8E-04	1.05E-03	3.97E-07	8.61E-04	3.42E-10	1.0E+06	3.4E-04	5		
28	0.06033	6.39E-03	3.9E-04	1.05E-03	4.03E-07	8.61E-04	3.47E-10	1.0E+06	3.5E-04	5		
29	0.08043	6.39E-03	5.1E-04	1.05E-03	5.37E-07	8.61E-04	4.63E-10	1.0E+06	4.6E-04	5		
30	0.08337	6.39E-03	5.3E-04	1.05E-03	5.57E-07	8.61E-04	4.80E-10	1.0E+06	4.8E-04	5		
31	0.08618	6.39E-03	5.5E-04	1.05E-03	5.76E-07	8.61E-04	4.96E-10	1.0E+06	5.0E-04	5		

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
32	0.08888	6.39E-03	5.7E-04	1.05E-03	5.94E-07	8.61E-04	5.11E-10	1.0E+06	5.1E-04	5
33	0.09155	6.39E-03	5.9E-04	1.05E-03	6.12E-07	8.61E-04	5.27E-10	1.0E+06	5.3E-04	5
34	0.09438	6.39E-03	6.0E-04	1.05E-03	6.31E-07	8.61E-04	5.43E-10	1.0E+06	5.4E-04	5
35	0.09755	6.39E-03	6.2E-04	1.05E-03	6.52E-07	8.61E-04	5.61E-10	1.0E+06	5.6E-04	5
36	0.10131	6.39E-03	6.5E-04	1.05E-03	6.77E-07	8.61E-04	5.83E-10	1.0E+06	5.8E-04	5
37	0.10615	6.39E-03	6.8E-04	1.05E-03	7.09E-07	8.61E-04	6.11E-10	1.0E+06	6.1E-04	5
38	0.11211	6.39E-03	7.2E-04	1.05E-03	7.49E-07	8.61E-04	6.45E-10	1.0E+06	6.5E-04	5
39	0.11894	6.39E-03	7.6E-04	1.05E-03	7.95E-07	8.61E-04	6.84E-10	1.0E+06	6.8E-04	5
40	0.12688	6.39E-03	8.1E-04	1.05E-03	8.48E-07	8.61E-04	7.30E-10	1.0E+06	7.3E-04	5
41	0.13577	6.39E-03	8.7E-04	1.05E-03	9.07E-07	8.61E-04	7.81E-10	1.0E+06	7.8E-04	5
42	0.14489	6.39E-03	9.3E-04	1.05E-03	9.68E-07	8.61E-04	8.34E-10	1.0E+06	8.3E-04	5
43	0.15387	6.39E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.85E-10	1.0E+06	8.9E-04	5
44	0.16223	6.39E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.33E-10	1.0E+06	9.3E-04	5
45	0.16946	6.39E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.75E-10	1.0E+06	9.8E-04	5
46	0.17514	6.39E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03	5
47	0.17895	6.39E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03	5
48	0.18074	6.39E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03	5
49	0.1805	6.39E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03	5
50	0.17836	6.39E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03	5
51	0.06115	6.39E-03	3.9E-04	1.05E-03	4.09E-07	8.61E-04	3.52E-10	1.0E+06	3.5E-04	5
52	0.06437	6.39E-03	4.1E-04	1.05E-03	4.30E-07	8.61E-04	3.70E-10	1.0E+06	3.7E-04	5
53	0.06555	6.39E-03	4.2E-04	1.05E-03	4.38E-07	8.61E-04	3.77E-10	1.0E+06	3.8E-04	5
54	0.08992	6.39E-03	5.7E-04	1.05E-03	6.01E-07	8.61E-04	5.17E-10	1.0E+06	5.2E-04	5
55	0.09362	6.39E-03	6.0E-04	1.05E-03	6.26E-07	8.61E-04	5.39E-10	1.0E+06	5.4E-04	5
56	0.09713	6.39E-03	6.2E-04	1.05E-03	6.49E-07	8.61E-04	5.59E-10	1.0E+06	5.6E-04	5
57	0.10053	6.39E-03	6.4E-04	1.05E-03	6.72E-07	8.61E-04	5.78E-10	1.0E+06	5.8E-04	5
58	0.1039	6.39E-03	6.6E-04	1.05E-03	6.94E-07	8.61E-04	5.98E-10	1.0E+06	6.0E-04	5
59	0.10748	6.39E-03	6.9E-04	1.05E-03	7.18E-07	8.61E-04	6.18E-10	1.0E+06	6.2E-04	5
60	0.11152	6.39E-03	7.1E-04	1.05E-03	7.45E-07	8.61E-04	6.42E-10	1.0E+06	6.4E-04	5
61	0.11636	6.39E-03	7.4E-04	1.05E-03	7.78E-07	8.61E-04	6.70E-10	1.0E+06	6.7E-04	5
62	0.12277	6.39E-03	7.8E-04	1.05E-03	8.20E-07	8.61E-04	7.06E-10	1.0E+06	7.1E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
63	0.13045	6.39E-03	8.3E-04	1.05E-03	8.72E-07	8.61E-04	7.51E-10	1.0E+06	7.5E-04	5
64	0.13941	6.39E-03	8.9E-04	1.05E-03	9.32E-07	8.61E-04	8.02E-10	1.0E+06	8.0E-04	5
65	0.14968	6.39E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.61E-10	1.0E+06	8.6E-04	5
66	0.16092	6.39E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.26E-10	1.0E+06	9.3E-04	5
67	0.17205	6.39E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.90E-10	1.0E+06	9.9E-04	5
68	0.18258	6.39E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03	5
69	0.1918	6.39E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03	5
70	0.19907	6.39E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03	5
71	0.20392	6.39E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03	5
72	0.20614	6.39E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03	5
73	0.2057	6.39E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03	5
74	0.2028	6.39E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03	5
75	0.19774	6.39E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03	5
76	0.06633	6.39E-03	4.2E-04	1.05E-03	4.43E-07	8.61E-04	3.82E-10	1.0E+06	3.8E-04	5
77	0.07002	6.39E-03	4.5E-04	1.05E-03	4.68E-07	8.61E-04	4.03E-10	1.0E+06	4.0E-04	5
78	0.07164	6.39E-03	4.6E-04	1.05E-03	4.79E-07	8.61E-04	4.12E-10	1.0E+06	4.1E-04	5
79	0.10128	6.39E-03	6.5E-04	1.05E-03	6.77E-07	8.61E-04	5.83E-10	1.0E+06	5.8E-04	5
80	0.10599	6.39E-03	6.8E-04	1.05E-03	7.08E-07	8.61E-04	6.10E-10	1.0E+06	6.1E-04	5
81	0.11048	6.39E-03	7.1E-04	1.05E-03	7.38E-07	8.61E-04	6.36E-10	1.0E+06	6.4E-04	5
82	0.11482	6.39E-03	7.3E-04	1.05E-03	7.67E-07	8.61E-04	6.61E-10	1.0E+06	6.6E-04	5
83	0.11915	6.39E-03	7.6E-04	1.05E-03	7.96E-07	8.61E-04	6.86E-10	1.0E+06	6.9E-04	5
84	0.12375	6.39E-03	7.9E-04	1.05E-03	8.27E-07	8.61E-04	7.12E-10	1.0E+06	7.1E-04	5
85	0.12901	6.39E-03	8.2E-04	1.05E-03	8.62E-07	8.61E-04	7.42E-10	1.0E+06	7.4E-04	5
86	0.13583	6.39E-03	8.7E-04	1.05E-03	9.08E-07	8.61E-04	7.82E-10	1.0E+06	7.8E-04	5
87	0.14415	6.39E-03	9.2E-04	1.05E-03	9.63E-07	8.61E-04	8.29E-10	1.0E+06	8.3E-04	5
88	0.15414	6.39E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.87E-10	1.0E+06	8.9E-04	5
89	0.16607	6.39E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.56E-10	1.0E+06	9.6E-04	5
90	0.17952	6.39E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03	5
91	0.1936	6.39E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03	5
92	0.20704	6.39E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03	5
93	0.21899	6.39E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03	5



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
94	0.22847	6.39E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03	5
95	0.2348	6.39E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.4E-03	5
96	0.23762	6.39E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03	5
97	0.2369	6.39E-03	1.5E-03	1.05E-03	1.58E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03	5
98	0.23292	6.39E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03	5
99	0.22616	6.39E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03	5
100	0.21722	6.39E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.2E-03	5
101	0.07226	6.39E-03	4.6E-04	1.05E-03	4.83E-07	8.61E-04	4.16E-10	1.0E+06	4.2E-04	5
102	0.07655	6.39E-03	4.9E-04	1.05E-03	5.12E-07	8.61E-04	4.40E-10	1.0E+06	4.4E-04	5
103	0.07876	6.39E-03	5.0E-04	1.05E-03	5.26E-07	8.61E-04	4.53E-10	1.0E+06	4.5E-04	5
104	0.11504	6.39E-03	7.4E-04	1.05E-03	7.69E-07	8.61E-04	6.62E-10	1.0E+06	6.6E-04	5
105	0.12115	6.39E-03	7.7E-04	1.05E-03	8.10E-07	8.61E-04	6.97E-10	1.0E+06	7.0E-04	5
106	0.127	6.39E-03	8.1E-04	1.05E-03	8.49E-07	8.61E-04	7.31E-10	1.0E+06	7.3E-04	5
107	0.13266	6.39E-03	8.5E-04	1.05E-03	8.86E-07	8.61E-04	7.63E-10	1.0E+06	7.6E-04	5
108	0.13832	6.39E-03	8.8E-04	1.05E-03	9.24E-07	8.61E-04	7.96E-10	1.0E+06	8.0E-04	5
109	0.14434	6.39E-03	9.2E-04	1.05E-03	9.64E-07	8.61E-04	8.30E-10	1.0E+06	8.3E-04	5
110	0.15143	6.39E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.71E-10	1.0E+06	8.7E-04	5
111	0.16082	6.39E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.25E-10	1.0E+06	9.3E-04	5
112	0.17179	6.39E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.88E-10	1.0E+06	9.9E-04	5
113	0.18546	6.39E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03	5
114	0.20158	6.39E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03	5
115	0.21918	6.39E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03	5
116	0.23669	6.39E-03	1.5E-03	1.05E-03	1.58E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03	5
117	0.25245	6.39E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.45E-09	1.0E+06	1.5E-03	5
118	0.26513	6.39E-03	1.7E-03	1.05E-03	1.77E-06	8.61E-04	1.53E-09	1.0E+06	1.5E-03	5
119	0.27359	6.39E-03	1.7E-03	1.05E-03	1.83E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03	5
120	0.27727	6.39E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03	5
121	0.27613	6.39E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03	5
122	0.27061	6.39E-03	1.7E-03	1.05E-03	1.81E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03	5
123	0.26143	6.39E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03	5
124	0.2495	6.39E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
125	0.07903	6.39E-03	5.1E-04	1.05E-03	5.28E-07	8.61E-04	4.55E-10	1.0E+06	4.5E-04	5
126	0.08406	6.39E-03	5.4E-04	1.05E-03	5.62E-07	8.61E-04	4.84E-10	1.0E+06	4.8E-04	5
127	0.08703	6.39E-03	5.6E-04	1.05E-03	5.82E-07	8.61E-04	5.01E-10	1.0E+06	5.0E-04	5
128	0.13998	6.39E-03	8.9E-04	1.05E-03	9.35E-07	8.61E-04	8.05E-10	1.0E+06	8.1E-04	5
129	0.14778	6.39E-03	9.4E-04	1.05E-03	9.87E-07	8.61E-04	8.50E-10	1.0E+06	8.5E-04	5
130	0.15534	6.39E-03	9.9E-04	1.05E-03	1.04E-06	8.61E-04	8.94E-10	1.0E+06	8.9E-04	5
131	0.16286	6.39E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.37E-10	1.0E+06	9.4E-04	5
132	0.1709	6.39E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.83E-10	1.0E+06	9.8E-04	5
133	0.18094	6.39E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03	5
134	0.19343	6.39E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03	5
135	0.20884	6.39E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03	5
136	0.22799	6.39E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03	5
137	0.25	6.39E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03	5
138	0.27296	6.39E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03	5
139	0.29416	6.39E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03	5
140	0.31152	6.39E-03	2.0E-03	1.05E-03	2.08E-06	8.61E-04	1.79E-09	1.0E+06	1.8E-03	5
141	0.32318	6.39E-03	2.1E-03	1.05E-03	2.16E-06	8.61E-04	1.86E-09	1.0E+06	1.9E-03	5
142	0.32816	6.39E-03	2.1E-03	1.05E-03	2.19E-06	8.61E-04	1.89E-09	1.0E+06	1.9E-03	5
143	0.3264	6.39E-03	2.1E-03	1.05E-03	2.18E-06	8.61E-04	1.88E-09	1.0E+06	1.9E-03	5
144	0.31859	6.39E-03	2.0E-03	1.05E-03	2.13E-06	8.61E-04	1.83E-09	1.0E+06	1.8E-03	5
145	0.30591	6.39E-03	2.0E-03	1.05E-03	2.04E-06	8.61E-04	1.76E-09	1.0E+06	1.8E-03	5
146	0.2897	6.39E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03	5
147	0.08674	6.39E-03	5.5E-04	1.05E-03	5.80E-07	8.61E-04	4.99E-10	1.0E+06	5.0E-04	5
148	0.09275	6.39E-03	5.9E-04	1.05E-03	6.20E-07	8.61E-04	5.34E-10	1.0E+06	5.3E-04	5
149	0.09694	6.39E-03	6.2E-04	1.05E-03	6.48E-07	8.61E-04	5.58E-10	1.0E+06	5.6E-04	5
150	0.16375	6.39E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.42E-10	1.0E+06	9.4E-04	5
151	0.17437	6.39E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.00E-09	1.0E+06	1.0E-03	5
152	0.18471	6.39E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03	5
153	0.195	6.39E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03	5
154	0.20604	6.39E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03	5
155	0.22067	6.39E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
156	0.2378	6.39E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03	5
157	0.26013	6.39E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03	5
158	0.28752	6.39E-03	1.8E-03	1.05E-03	1.92E-06	8.61E-04	1.65E-09	1.0E+06	1.7E-03	5
159	0.3177	6.39E-03	2.0E-03	1.05E-03	2.12E-06	8.61E-04	1.83E-09	1.0E+06	1.8E-03	5
160	0.34689	6.39E-03	2.2E-03	1.05E-03	2.32E-06	8.61E-04	2.00E-09	1.0E+06	2.0E-03	5
161	0.37119	6.39E-03	2.4E-03	1.05E-03	2.48E-06	8.61E-04	2.14E-09	1.0E+06	2.1E-03	5
162	0.38785	6.39E-03	2.5E-03	1.05E-03	2.59E-06	8.61E-04	2.23E-09	1.0E+06	2.2E-03	5
163	0.3949	6.39E-03	2.5E-03	1.05E-03	2.64E-06	8.61E-04	2.27E-09	1.0E+06	2.3E-03	5
164	0.39222	6.39E-03	2.5E-03	1.05E-03	2.62E-06	8.61E-04	2.26E-09	1.0E+06	2.3E-03	5
165	0.38096	6.39E-03	2.4E-03	1.05E-03	2.55E-06	8.61E-04	2.19E-09	1.0E+06	2.2E-03	5
166	0.36302	6.39E-03	2.3E-03	1.05E-03	2.43E-06	8.61E-04	2.09E-09	1.0E+06	2.1E-03	5
167	0.34054	6.39E-03	2.2E-03	1.05E-03	2.28E-06	8.61E-04	1.96E-09	1.0E+06	2.0E-03	5
168	0.31553	6.39E-03	2.0E-03	1.05E-03	2.11E-06	8.61E-04	1.82E-09	1.0E+06	1.8E-03	5
169	0.09545	6.39E-03	6.1E-04	1.05E-03	6.38E-07	8.61E-04	5.49E-10	1.0E+06	5.5E-04	5
170	0.10272	6.39E-03	6.6E-04	1.05E-03	6.86E-07	8.61E-04	5.91E-10	1.0E+06	5.9E-04	5
171	0.10877	6.39E-03	7.0E-04	1.05E-03	7.27E-07	8.61E-04	6.26E-10	1.0E+06	6.3E-04	5
172	0.11479	6.39E-03	7.3E-04	1.05E-03	7.67E-07	8.61E-04	6.60E-10	1.0E+06	6.6E-04	5
173	0.19428	6.39E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03	5
174	0.20921	6.39E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03	5
175	0.22382	6.39E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03	5
176	0.23828	6.39E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03	5
177	0.25445	6.39E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03	5
178	0.27496	6.39E-03	1.8E-03	1.05E-03	1.84E-06	8.61E-04	1.58E-09	1.0E+06	1.6E-03	5
179	0.3004	6.39E-03	1.9E-03	1.05E-03	2.01E-06	8.61E-04	1.73E-09	1.0E+06	1.7E-03	5
180	0.3339	6.39E-03	2.1E-03	1.05E-03	2.23E-06	8.61E-04	1.92E-09	1.0E+06	1.9E-03	5
181	0.37358	6.39E-03	2.4E-03	1.05E-03	2.50E-06	8.61E-04	2.15E-09	1.0E+06	2.1E-03	5
182	0.41443	6.39E-03	2.6E-03	1.05E-03	2.77E-06	8.61E-04	2.38E-09	1.0E+06	2.4E-03	5
183	0.43789	6.39E-03	2.8E-03	1.05E-03	2.93E-06	8.61E-04	2.52E-09	1.0E+06	2.5E-03	5
184	0.406	6.39E-03	2.6E-03	1.05E-03	2.71E-06	8.61E-04	2.34E-09	1.0E+06	2.3E-03	5
185	0.11405	6.39E-03	7.3E-04	1.05E-03	7.62E-07	8.61E-04	6.56E-10	1.0E+06	6.6E-04	5
186	0.12245	6.39E-03	7.8E-04	1.05E-03	8.18E-07	8.61E-04	7.05E-10	1.0E+06	7.0E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
187	0.12996	6.39E-03	8.3E-04	1.05E-03	8.68E-07	8.61E-04	7.48E-10	1.0E+06	7.5E-04	5
188	0.23416	6.39E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03	5
189	0.25587	6.39E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03	5
190	0.27731	6.39E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03	5
191	0.29865	6.39E-03	1.9E-03	1.05E-03	2.00E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03	5
192	0.32364	6.39E-03	2.1E-03	1.05E-03	2.16E-06	8.61E-04	1.86E-09	1.0E+06	1.9E-03	5
193	0.35304	6.39E-03	2.3E-03	1.05E-03	2.36E-06	8.61E-04	2.03E-09	1.0E+06	2.0E-03	5
194	0.39277	6.39E-03	2.5E-03	1.05E-03	2.62E-06	8.61E-04	2.26E-09	1.0E+06	2.3E-03	5
195	0.44439	6.39E-03	2.8E-03	1.05E-03	2.97E-06	8.61E-04	2.56E-09	1.0E+06	2.6E-03	5
196	0.50218	6.39E-03	3.2E-03	1.05E-03	3.36E-06	8.61E-04	2.89E-09	1.0E+06	2.9E-03	5
197	0.55555	6.39E-03	3.6E-03	1.05E-03	3.71E-06	8.61E-04	3.20E-09	1.0E+06	3.2E-03	5
198	0.13699	6.39E-03	8.8E-04	1.05E-03	9.15E-07	8.61E-04	7.88E-10	1.0E+06	7.9E-04	5
199	0.14866	6.39E-03	9.5E-04	1.05E-03	9.93E-07	8.61E-04	8.55E-10	1.0E+06	8.6E-04	5
200	0.15412	6.39E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.87E-10	1.0E+06	8.9E-04	5
201	0.17021	6.39E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.79E-10	1.0E+06	9.8E-04	5
202	0.18554	6.39E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03	5
203	0.19382	6.39E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03	5
204	0.21811	6.39E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.25E-09	1.0E+06	1.3E-03	5
205	0.24412	6.39E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03	5
206	0.25326	6.39E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03	5
207	0.29046	6.39E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03	5
208	0.33606	6.39E-03	2.1E-03	1.05E-03	2.25E-06	8.61E-04	1.93E-09	1.0E+06	1.9E-03	5
209	0.29177	6.39E-03	1.9E-03	1.05E-03	1.95E-06	8.61E-04	1.68E-09	1.0E+06	1.7E-03	5
210	0.34571	6.39E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03	5
211	0.40855	6.39E-03	2.6E-03	1.05E-03	2.73E-06	8.61E-04	2.35E-09	1.0E+06	2.4E-03	5
212	0.40507	6.39E-03	2.6E-03	1.05E-03	2.71E-06	8.61E-04	2.33E-09	1.0E+06	2.3E-03	5
213	0.50013	6.39E-03	3.2E-03	1.05E-03	3.34E-06	8.61E-04	2.88E-09	1.0E+06	2.9E-03	5
214	0.61755	6.39E-03	3.9E-03	1.05E-03	4.13E-06	8.61E-04	3.55E-09	1.0E+06	3.6E-03	5
215	0.47125	6.39E-03	3.0E-03	1.05E-03	3.15E-06	8.61E-04	2.71E-09	1.0E+06	2.7E-03	5
216	0.59804	6.39E-03	3.8E-03	1.05E-03	4.00E-06	8.61E-04	3.44E-09	1.0E+06	3.4E-03	5
217	0.76606	6.39E-03	4.9E-03	1.05E-03	5.12E-06	8.61E-04	4.41E-09	1.0E+06	4.4E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
218	0.94632	6.39E-03	6.0E-03	1.05E-03	6.32E-06	8.61E-04	5.44E-09	1.0E+06	5.4E-03	5
219	1.33913	6.39E-03	8.6E-03	1.05E-03	8.95E-06	8.61E-04	7.70E-09	1.0E+06	7.7E-03	5
220	1.14859	6.39E-03	7.3E-03	1.05E-03	7.68E-06	8.61E-04	6.61E-09	1.0E+06	6.6E-03	5
221	1.65264	6.39E-03	1.1E-02	1.05E-03	1.10E-05	8.61E-04	9.51E-09	1.0E+06	9.5E-03	5
222	1.30624	6.39E-03	8.4E-03	1.05E-03	8.73E-06	8.61E-04	7.52E-09	1.0E+06	7.5E-03	5
223	1.8635	6.39E-03	1.2E-02	1.05E-03	1.25E-05	8.61E-04	1.07E-08	1.0E+06	1.1E-02	5
224	2.84888	6.39E-03	1.8E-02	1.05E-03	1.90E-05	8.61E-04	1.64E-08	1.0E+06	1.6E-02	5
225	1.8363	6.39E-03	1.2E-02	1.05E-03	1.23E-05	8.61E-04	1.06E-08	1.0E+06	1.1E-02	5
226	2.54488	6.39E-03	1.6E-02	1.05E-03	1.70E-05	8.61E-04	1.46E-08	1.0E+06	1.5E-02	5
227	0.15047	6.39E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.66E-10	1.0E+06	8.7E-04	5
228	0.13295	6.39E-03	8.5E-04	1.05E-03	8.88E-07	8.61E-04	7.65E-10	1.0E+06	7.6E-04	5
229	0.1184	6.39E-03	7.6E-04	1.05E-03	7.91E-07	8.61E-04	6.81E-10	1.0E+06	6.8E-04	5
230	0.10621	6.39E-03	6.8E-04	1.05E-03	7.10E-07	8.61E-04	6.11E-10	1.0E+06	6.1E-04	5
231	0.13722	6.39E-03	8.8E-04	1.05E-03	9.17E-07	8.61E-04	7.90E-10	1.0E+06	7.9E-04	5
232	0.1221	6.39E-03	7.8E-04	1.05E-03	8.16E-07	8.61E-04	7.03E-10	1.0E+06	7.0E-04	5
233	0.10942	6.39E-03	7.0E-04	1.05E-03	7.31E-07	8.61E-04	6.30E-10	1.0E+06	6.3E-04	5
234	0.09869	6.39E-03	6.3E-04	1.05E-03	6.59E-07	8.61E-04	5.68E-10	1.0E+06	5.7E-04	5
235	0.12548	6.39E-03	8.0E-04	1.05E-03	8.38E-07	8.61E-04	7.22E-10	1.0E+06	7.2E-04	5
236	0.11244	6.39E-03	7.2E-04	1.05E-03	7.51E-07	8.61E-04	6.47E-10	1.0E+06	6.5E-04	5
237	0.10137	6.39E-03	6.5E-04	1.05E-03	6.77E-07	8.61E-04	5.83E-10	1.0E+06	5.8E-04	5
238	0.09191	6.39E-03	5.9E-04	1.05E-03	6.14E-07	8.61E-04	5.29E-10	1.0E+06	5.3E-04	5
239	1.2979	6.39E-03	8.3E-03	1.05E-03	8.67E-06	8.61E-04	7.47E-09	1.0E+06	7.5E-03	5
240	1.0859	6.39E-03	6.9E-03	1.05E-03	7.26E-06	8.61E-04	6.25E-09	1.0E+06	6.2E-03	5
241	0.92078	6.39E-03	5.9E-03	1.05E-03	6.15E-06	8.61E-04	5.30E-09	1.0E+06	5.3E-03	5
242	0.78986	6.39E-03	5.0E-03	1.05E-03	5.28E-06	8.61E-04	4.54E-09	1.0E+06	4.5E-03	5
243	1.1129	6.39E-03	7.1E-03	1.05E-03	7.44E-06	8.61E-04	6.40E-09	1.0E+06	6.4E-03	5
244	0.94507	6.39E-03	6.0E-03	1.05E-03	6.32E-06	8.61E-04	5.44E-09	1.0E+06	5.4E-03	5
245	0.81129	6.39E-03	5.2E-03	1.05E-03	5.42E-06	8.61E-04	4.67E-09	1.0E+06	4.7E-03	5
246	0.70317	6.39E-03	4.5E-03	1.05E-03	4.70E-06	8.61E-04	4.05E-09	1.0E+06	4.0E-03	5
247	0.9621	6.39E-03	6.2E-03	1.05E-03	6.43E-06	8.61E-04	5.54E-09	1.0E+06	5.5E-03	5
248	0.82801	6.39E-03	5.3E-03	1.05E-03	5.53E-06	8.61E-04	4.76E-09	1.0E+06	4.8E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
249	0.7188	6.39E-03	4.6E-03	1.05E-03	4.80E-06	8.61E-04	4.14E-09	1.0E+06	4.1E-03	5
250	0.62886	6.39E-03	4.0E-03	1.05E-03	4.20E-06	8.61E-04	3.62E-09	1.0E+06	3.6E-03	5
251	0.34357	6.39E-03	2.2E-03	1.05E-03	2.30E-06	8.61E-04	1.98E-09	1.0E+06	2.0E-03	5
252	0.3136	6.39E-03	2.0E-03	1.05E-03	2.10E-06	8.61E-04	1.80E-09	1.0E+06	1.8E-03	5
253	0.41633	6.39E-03	2.7E-03	1.05E-03	2.78E-06	8.61E-04	2.40E-09	1.0E+06	2.4E-03	5
254	0.37861	6.39E-03	2.4E-03	1.05E-03	2.53E-06	8.61E-04	2.18E-09	1.0E+06	2.2E-03	5
255	0.31584	6.39E-03	2.0E-03	1.05E-03	2.11E-06	8.61E-04	1.82E-09	1.0E+06	1.8E-03	5
256	0.28972	6.39E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03	5
257	0.22762	6.39E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03	5
258	0.37705	6.39E-03	2.4E-03	1.05E-03	2.52E-06	8.61E-04	2.17E-09	1.0E+06	2.2E-03	5
259	0.34502	6.39E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03	5
260	0.31638	6.39E-03	2.0E-03	1.05E-03	2.11E-06	8.61E-04	1.82E-09	1.0E+06	1.8E-03	5
261	0.29088	6.39E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03	5
262	0.2681	6.39E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03	5
263	0.21312	6.39E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03	5
264	0.31517	6.39E-03	2.0E-03	1.05E-03	2.11E-06	8.61E-04	1.81E-09	1.0E+06	1.8E-03	5
265	0.29058	6.39E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03	5
266	0.26843	6.39E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03	5
267	0.24848	6.39E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03	5
268	0.19981	6.39E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03	5
269	0.28208	6.39E-03	1.8E-03	1.05E-03	1.88E-06	8.61E-04	1.62E-09	1.0E+06	1.6E-03	5
270	0.24135	6.39E-03	1.5E-03	1.05E-03	1.61E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03	5
271	0.20849	6.39E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03	5
272	0.18172	6.39E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03	5
273	0.15972	6.39E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.19E-10	1.0E+06	9.2E-04	5
274	0.14149	6.39E-03	9.0E-04	1.05E-03	9.45E-07	8.61E-04	8.14E-10	1.0E+06	8.1E-04	5
275	0.12624	6.39E-03	8.1E-04	1.05E-03	8.44E-07	8.61E-04	7.26E-10	1.0E+06	7.3E-04	5
276	0.25908	6.39E-03	1.7E-03	1.05E-03	1.73E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03	5
277	0.22163	6.39E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.28E-09	1.0E+06	1.3E-03	5
278	0.19164	6.39E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03	5
279	0.16731	6.39E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.63E-10	1.0E+06	9.6E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
280	0.14739	6.39E-03	9.4E-04	1.05E-03	9.85E-07	8.61E-04	8.48E-10	1.0E+06	8.5E-04	5
281	0.13089	6.39E-03	8.4E-04	1.05E-03	8.75E-07	8.61E-04	7.53E-10	1.0E+06	7.5E-04	5
282	0.11709	6.39E-03	7.5E-04	1.05E-03	7.82E-07	8.61E-04	6.74E-10	1.0E+06	6.7E-04	5
283	0.2344	6.39E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03	5
284	0.20119	6.39E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03	5
285	0.17461	6.39E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.00E-09	1.0E+06	1.0E-03	5
286	0.15304	6.39E-03	9.8E-04	1.05E-03	1.02E-06	8.61E-04	8.81E-10	1.0E+06	8.8E-04	5
287	0.13533	6.39E-03	8.7E-04	1.05E-03	9.04E-07	8.61E-04	7.79E-10	1.0E+06	7.8E-04	5
288	0.12064	6.39E-03	7.7E-04	1.05E-03	8.06E-07	8.61E-04	6.94E-10	1.0E+06	6.9E-04	5
289	0.10831	6.39E-03	6.9E-04	1.05E-03	7.24E-07	8.61E-04	6.23E-10	1.0E+06	6.2E-04	5
290	0.21027	6.39E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03	5
291	0.18154	6.39E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03	5
292	0.15843	6.39E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.12E-10	1.0E+06	9.1E-04	5
293	0.13959	6.39E-03	8.9E-04	1.05E-03	9.33E-07	8.61E-04	8.03E-10	1.0E+06	8.0E-04	5
294	0.12404	6.39E-03	7.9E-04	1.05E-03	8.29E-07	8.61E-04	7.14E-10	1.0E+06	7.1E-04	5
295	0.11108	6.39E-03	7.1E-04	1.05E-03	7.42E-07	8.61E-04	6.39E-10	1.0E+06	6.4E-04	5
296	0.10016	6.39E-03	6.4E-04	1.05E-03	6.69E-07	8.61E-04	5.76E-10	1.0E+06	5.8E-04	5
297	0.18826	6.39E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03	5
298	0.1637	6.39E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.42E-10	1.0E+06	9.4E-04	5
299	0.14378	6.39E-03	9.2E-04	1.05E-03	9.61E-07	8.61E-04	8.27E-10	1.0E+06	8.3E-04	5
300	0.12743	6.39E-03	8.1E-04	1.05E-03	8.52E-07	8.61E-04	7.33E-10	1.0E+06	7.3E-04	5
301	0.11385	6.39E-03	7.3E-04	1.05E-03	7.61E-07	8.61E-04	6.55E-10	1.0E+06	6.6E-04	5
302	0.10244	6.39E-03	6.5E-04	1.05E-03	6.85E-07	8.61E-04	5.89E-10	1.0E+06	5.9E-04	5
303	0.09277	6.39E-03	5.9E-04	1.05E-03	6.20E-07	8.61E-04	5.34E-10	1.0E+06	5.3E-04	5
304	0.16902	6.39E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.72E-10	1.0E+06	9.7E-04	5
305	0.14807	6.39E-03	9.5E-04	1.05E-03	9.89E-07	8.61E-04	8.52E-10	1.0E+06	8.5E-04	5
306	0.13093	6.39E-03	8.4E-04	1.05E-03	8.75E-07	8.61E-04	7.53E-10	1.0E+06	7.5E-04	5
307	0.11673	6.39E-03	7.5E-04	1.05E-03	7.80E-07	8.61E-04	6.72E-10	1.0E+06	6.7E-04	5
308	0.10484	6.39E-03	6.7E-04	1.05E-03	7.01E-07	8.61E-04	6.03E-10	1.0E+06	6.0E-04	5
309	0.09478	6.39E-03	6.1E-04	1.05E-03	6.33E-07	8.61E-04	5.45E-10	1.0E+06	5.5E-04	5
310	0.08621	6.39E-03	5.5E-04	1.05E-03	5.76E-07	8.61E-04	4.96E-10	1.0E+06	5.0E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
311	0.15271	6.39E-03	9.8E-04	1.05E-03	1.02E-06	8.61E-04	8.79E-10	1.0E+06	8.8E-04	5
312	0.13471	6.39E-03	8.6E-04	1.05E-03	9.00E-07	8.61E-04	7.75E-10	1.0E+06	7.8E-04	5
313	0.11986	6.39E-03	7.7E-04	1.05E-03	8.01E-07	8.61E-04	6.90E-10	1.0E+06	6.9E-04	5
314	0.10746	6.39E-03	6.9E-04	1.05E-03	7.18E-07	8.61E-04	6.18E-10	1.0E+06	6.2E-04	5
315	0.09699	6.39E-03	6.2E-04	1.05E-03	6.48E-07	8.61E-04	5.58E-10	1.0E+06	5.6E-04	5
316	0.08808	6.39E-03	5.6E-04	1.05E-03	5.89E-07	8.61E-04	5.07E-10	1.0E+06	5.1E-04	5
317	0.08043	6.39E-03	5.1E-04	1.05E-03	5.37E-07	8.61E-04	4.63E-10	1.0E+06	4.6E-04	5



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk**

<b>Chronic Non Cancer Risk</b>	
<b>Receptor #</b>	<b>HI</b>
1	6.73E-05
2	7.04E-05
3	7.13E-05
4	9.26E-05
5	9.57E-05
6	9.85E-05
7	1.01E-04
8	1.04E-04
9	1.07E-04
10	1.10E-04
11	1.14E-04
12	1.19E-04
13	1.25E-04
14	1.32E-04
15	1.39E-04
16	1.48E-04
17	1.58E-04
18	1.68E-04
19	1.77E-04
20	1.86E-04
21	1.93E-04
22	1.99E-04
23	2.03E-04
24	2.05E-04
25	2.04E-04
26	7.24E-05
27	7.60E-05
28	7.71E-05
29	1.03E-04
30	1.07E-04
31	1.10E-04

  

<b>Max</b>	<b>Receptor #</b>
0.004	224

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
32	1.14E-04
33	1.17E-04
34	1.21E-04
35	1.25E-04
36	1.30E-04
37	1.36E-04
38	1.43E-04
39	1.52E-04
40	1.62E-04
41	1.74E-04
42	1.85E-04
43	1.97E-04
44	2.07E-04
45	2.17E-04
46	2.24E-04
47	2.29E-04
48	2.31E-04
49	2.31E-04
50	2.28E-04
51	7.82E-05
52	8.23E-05
53	8.38E-05
54	1.15E-04
55	1.20E-04
56	1.24E-04
57	1.29E-04
58	1.33E-04
59	1.37E-04
60	1.43E-04
61	1.49E-04
62	1.57E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
63	1.67E-04
64	1.78E-04
65	1.91E-04
66	2.06E-04
67	2.20E-04
68	2.33E-04
69	2.45E-04
70	2.55E-04
71	2.61E-04
72	2.64E-04
73	2.63E-04
74	2.59E-04
75	2.53E-04
76	8.48E-05
77	8.95E-05
78	9.16E-05
79	1.29E-04
80	1.36E-04
81	1.41E-04
82	1.47E-04
83	1.52E-04
84	1.58E-04
85	1.65E-04
86	1.74E-04
87	1.84E-04
88	1.97E-04
89	2.12E-04
90	2.30E-04
91	2.48E-04
92	2.65E-04
93	2.80E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
94	2.92E-04
95	3.00E-04
96	3.04E-04
97	3.03E-04
98	2.98E-04
99	2.89E-04
100	2.78E-04
101	9.24E-05
102	9.79E-05
103	1.01E-04
104	1.47E-04
105	1.55E-04
106	1.62E-04
107	1.70E-04
108	1.77E-04
109	1.85E-04
110	1.94E-04
111	2.06E-04
112	2.20E-04
113	2.37E-04
114	2.58E-04
115	2.80E-04
116	3.03E-04
117	3.23E-04
118	3.39E-04
119	3.50E-04
120	3.55E-04
121	3.53E-04
122	3.46E-04
123	3.34E-04
124	3.19E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
125	1.01E-04
126	1.07E-04
127	1.11E-04
128	1.79E-04
129	1.89E-04
130	1.99E-04
131	2.08E-04
132	2.19E-04
133	2.31E-04
134	2.47E-04
135	2.67E-04
136	2.92E-04
137	3.20E-04
138	3.49E-04
139	3.76E-04
140	3.98E-04
141	4.13E-04
142	4.20E-04
143	4.17E-04
144	4.07E-04
145	3.91E-04
146	3.70E-04
147	1.11E-04
148	1.19E-04
149	1.24E-04
150	2.09E-04
151	2.23E-04
152	2.36E-04
153	2.49E-04
154	2.63E-04
155	2.82E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
156	3.04E-04
157	3.33E-04
158	3.68E-04
159	4.06E-04
160	4.44E-04
161	4.75E-04
162	4.96E-04
163	5.05E-04
164	5.02E-04
165	4.87E-04
166	4.64E-04
167	4.35E-04
168	4.03E-04
169	1.22E-04
170	1.31E-04
171	1.39E-04
172	1.47E-04
173	2.48E-04
174	2.68E-04
175	2.86E-04
176	3.05E-04
177	3.25E-04
178	3.52E-04
179	3.84E-04
180	4.27E-04
181	4.78E-04
182	5.30E-04
183	5.60E-04
184	5.19E-04
185	1.46E-04
186	1.57E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
187	1.66E-04
188	2.99E-04
189	3.27E-04
190	3.55E-04
191	3.82E-04
192	4.14E-04
193	4.51E-04
194	5.02E-04
195	5.68E-04
196	6.42E-04
197	7.10E-04
198	1.75E-04
199	1.90E-04
200	1.97E-04
201	2.18E-04
202	2.37E-04
203	2.48E-04
204	2.79E-04
205	3.12E-04
206	3.24E-04
207	3.71E-04
208	4.30E-04
209	3.73E-04
210	4.42E-04
211	5.22E-04
212	5.18E-04
213	6.39E-04
214	7.90E-04
215	6.03E-04
216	7.65E-04
217	9.80E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
218	1.21E-03
219	1.71E-03
220	1.47E-03
221	2.11E-03
222	1.67E-03
223	2.38E-03
224	3.64E-03
225	2.35E-03
226	3.25E-03
227	1.92E-04
228	1.70E-04
229	1.51E-04
230	1.36E-04
231	1.75E-04
232	1.56E-04
233	1.40E-04
234	1.26E-04
235	1.60E-04
236	1.44E-04
237	1.30E-04
238	1.18E-04
239	1.66E-03
240	1.39E-03
241	1.18E-03
242	1.01E-03
243	1.42E-03
244	1.21E-03
245	1.04E-03
246	8.99E-04
247	1.23E-03
248	1.06E-03



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
249	9.19E-04
250	8.04E-04
251	4.39E-04
252	4.01E-04
253	5.32E-04
254	4.84E-04
255	4.04E-04
256	3.70E-04
257	2.91E-04
258	4.82E-04
259	4.41E-04
260	4.05E-04
261	3.72E-04
262	3.43E-04
263	2.73E-04
264	4.03E-04
265	3.72E-04
266	3.43E-04
267	3.18E-04
268	2.55E-04
269	3.61E-04
270	3.09E-04
271	2.67E-04
272	2.32E-04
273	2.04E-04
274	1.81E-04
275	1.61E-04
276	3.31E-04
277	2.83E-04
278	2.45E-04
279	2.14E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
280	1.88E-04
281	1.67E-04
282	1.50E-04
283	3.00E-04
284	2.57E-04
285	2.23E-04
286	1.96E-04
287	1.73E-04
288	1.54E-04
289	1.38E-04
290	2.69E-04
291	2.32E-04
292	2.03E-04
293	1.78E-04
294	1.59E-04
295	1.42E-04
296	1.28E-04
297	2.41E-04
298	2.09E-04
299	1.84E-04
300	1.63E-04
301	1.46E-04
302	1.31E-04
303	1.19E-04
304	2.16E-04
305	1.89E-04
306	1.67E-04
307	1.49E-04
308	1.34E-04
309	1.21E-04
310	1.10E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Site Preparation Risk**

*Chronic Non Cancer Risk*

Receptor #	HI
311	1.95E-04
312	1.72E-04
313	1.53E-04
314	1.37E-04
315	1.24E-04
316	1.13E-04
317	1.03E-04

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Parcel 2-E: Unmitigated - Parcel 2 - Grading Risk



**RINCON CONSULTANTS, INC.**  
Environmental Scientists | Planners | Engineers  
[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.0526	7.62E-03	4.0E-04	1.05E-03	4.19E-07	8.61E-04	3.61E-10	1.0E+06	3.6E-04
2	0.05508	7.62E-03	4.2E-04	1.05E-03	4.38E-07	8.61E-04	3.77E-10	1.0E+06	3.8E-04
3	0.05579	7.62E-03	4.2E-04	1.05E-03	4.44E-07	8.61E-04	3.82E-10	1.0E+06	3.8E-04
4	0.07244	7.62E-03	5.5E-04	1.05E-03	5.77E-07	8.61E-04	4.96E-10	1.0E+06	5.0E-04
5	0.07481	7.62E-03	5.7E-04	1.05E-03	5.95E-07	8.61E-04	5.13E-10	1.0E+06	5.1E-04
6	0.07706	7.62E-03	5.9E-04	1.05E-03	6.13E-07	8.61E-04	5.28E-10	1.0E+06	5.3E-04
7	0.07922	7.62E-03	6.0E-04	1.05E-03	6.31E-07	8.61E-04	5.43E-10	1.0E+06	5.4E-04
8	0.08139	7.62E-03	6.2E-04	1.05E-03	6.48E-07	8.61E-04	5.58E-10	1.0E+06	5.6E-04
9	0.08368	7.62E-03	6.4E-04	1.05E-03	6.66E-07	8.61E-04	5.74E-10	1.0E+06	5.7E-04
10	0.08623	7.62E-03	6.6E-04	1.05E-03	6.86E-07	8.61E-04	5.91E-10	1.0E+06	5.9E-04
11	0.08922	7.62E-03	6.8E-04	1.05E-03	7.10E-07	8.61E-04	6.11E-10	1.0E+06	6.1E-04
12	0.09286	7.62E-03	7.1E-04	1.05E-03	7.39E-07	8.61E-04	6.36E-10	1.0E+06	6.4E-04
13	0.09749	7.62E-03	7.4E-04	1.05E-03	7.76E-07	8.61E-04	6.68E-10	1.0E+06	6.7E-04
14	0.10289	7.62E-03	7.8E-04	1.05E-03	8.19E-07	8.61E-04	7.05E-10	1.0E+06	7.1E-04
15	0.10909	7.62E-03	8.3E-04	1.05E-03	8.68E-07	8.61E-04	7.48E-10	1.0E+06	7.5E-04
16	0.11612	7.62E-03	8.8E-04	1.05E-03	9.24E-07	8.61E-04	7.96E-10	1.0E+06	8.0E-04
17	0.1236	7.62E-03	9.4E-04	1.05E-03	9.84E-07	8.61E-04	8.47E-10	1.0E+06	8.5E-04
18	0.13111	7.62E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.99E-10	1.0E+06	9.0E-04
19	0.13842	7.62E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.49E-10	1.0E+06	9.5E-04
20	0.14514	7.62E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.95E-10	1.0E+06	9.9E-04
21	0.1509	7.62E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
22	0.15542	7.62E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
23	0.15847	7.62E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
24	0.15995	7.62E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
25	0.15985	7.62E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
26	0.0566	7.62E-03	4.3E-04	1.05E-03	4.51E-07	8.61E-04	3.88E-10	1.0E+06	3.9E-04
27	0.05942	7.62E-03	4.5E-04	1.05E-03	4.73E-07	8.61E-04	4.07E-10	1.0E+06	4.1E-04
28	0.06033	7.62E-03	4.6E-04	1.05E-03	4.80E-07	8.61E-04	4.13E-10	1.0E+06	4.1E-04
29	0.08043	7.62E-03	6.1E-04	1.05E-03	6.40E-07	8.61E-04	5.51E-10	1.0E+06	5.5E-04
30	0.08337	7.62E-03	6.3E-04	1.05E-03	6.64E-07	8.61E-04	5.71E-10	1.0E+06	5.7E-04
31	0.08618	7.62E-03	6.6E-04	1.05E-03	6.86E-07	8.61E-04	5.91E-10	1.0E+06	5.9E-04

<b>Max</b>	<b>Receptor #</b>
0.020	224

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.08888	7.62E-03	6.8E-04	1.05E-03	7.07E-07	8.61E-04	6.09E-10	1.0E+06	6.1E-04
33	0.09155	7.62E-03	7.0E-04	1.05E-03	7.29E-07	8.61E-04	6.27E-10	1.0E+06	6.3E-04
34	0.09438	7.62E-03	7.2E-04	1.05E-03	7.51E-07	8.61E-04	6.47E-10	1.0E+06	6.5E-04
35	0.09755	7.62E-03	7.4E-04	1.05E-03	7.76E-07	8.61E-04	6.69E-10	1.0E+06	6.7E-04
36	0.10131	7.62E-03	7.7E-04	1.05E-03	8.06E-07	8.61E-04	6.94E-10	1.0E+06	6.9E-04
37	0.10615	7.62E-03	8.1E-04	1.05E-03	8.45E-07	8.61E-04	7.28E-10	1.0E+06	7.3E-04
38	0.11211	7.62E-03	8.5E-04	1.05E-03	8.92E-07	8.61E-04	7.68E-10	1.0E+06	7.7E-04
39	0.11894	7.62E-03	9.1E-04	1.05E-03	9.47E-07	8.61E-04	8.15E-10	1.0E+06	8.2E-04
40	0.12688	7.62E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.70E-10	1.0E+06	8.7E-04
41	0.13577	7.62E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.31E-10	1.0E+06	9.3E-04
42	0.14489	7.62E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.93E-10	1.0E+06	9.9E-04
43	0.15387	7.62E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03
44	0.16223	7.62E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
45	0.16946	7.62E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
46	0.17514	7.62E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
47	0.17895	7.62E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
48	0.18074	7.62E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
49	0.1805	7.62E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
50	0.17836	7.62E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03
51	0.06115	7.62E-03	4.7E-04	1.05E-03	4.87E-07	8.61E-04	4.19E-10	1.0E+06	4.2E-04
52	0.06437	7.62E-03	4.9E-04	1.05E-03	5.12E-07	8.61E-04	4.41E-10	1.0E+06	4.4E-04
53	0.06555	7.62E-03	5.0E-04	1.05E-03	5.22E-07	8.61E-04	4.49E-10	1.0E+06	4.5E-04
54	0.08992	7.62E-03	6.8E-04	1.05E-03	7.16E-07	8.61E-04	6.16E-10	1.0E+06	6.2E-04
55	0.09362	7.62E-03	7.1E-04	1.05E-03	7.45E-07	8.61E-04	6.42E-10	1.0E+06	6.4E-04
56	0.09713	7.62E-03	7.4E-04	1.05E-03	7.73E-07	8.61E-04	6.66E-10	1.0E+06	6.7E-04
57	0.10053	7.62E-03	7.7E-04	1.05E-03	8.00E-07	8.61E-04	6.89E-10	1.0E+06	6.9E-04
58	0.1039	7.62E-03	7.9E-04	1.05E-03	8.27E-07	8.61E-04	7.12E-10	1.0E+06	7.1E-04
59	0.10748	7.62E-03	8.2E-04	1.05E-03	8.55E-07	8.61E-04	7.37E-10	1.0E+06	7.4E-04
60	0.11152	7.62E-03	8.5E-04	1.05E-03	8.88E-07	8.61E-04	7.64E-10	1.0E+06	7.6E-04
61	0.11636	7.62E-03	8.9E-04	1.05E-03	9.26E-07	8.61E-04	7.97E-10	1.0E+06	8.0E-04
62	0.12277	7.62E-03	9.3E-04	1.05E-03	9.77E-07	8.61E-04	8.41E-10	1.0E+06	8.4E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.13045	7.62E-03	9.9E-04	1.05E-03	1.04E-06	8.61E-04	8.94E-10	1.0E+06	8.9E-04
64	0.13941	7.62E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.55E-10	1.0E+06	9.6E-04
65	0.14968	7.62E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
66	0.16092	7.62E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
67	0.17205	7.62E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
68	0.18258	7.62E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.3E-03
69	0.1918	7.62E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
70	0.19907	7.62E-03	1.5E-03	1.05E-03	1.58E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03
71	0.20392	7.62E-03	1.6E-03	1.05E-03	1.62E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
72	0.20614	7.62E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
73	0.2057	7.62E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
74	0.2028	7.62E-03	1.5E-03	1.05E-03	1.61E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03
75	0.19774	7.62E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03
76	0.06633	7.62E-03	5.1E-04	1.05E-03	5.28E-07	8.61E-04	4.55E-10	1.0E+06	4.5E-04
77	0.07002	7.62E-03	5.3E-04	1.05E-03	5.57E-07	8.61E-04	4.80E-10	1.0E+06	4.8E-04
78	0.07164	7.62E-03	5.5E-04	1.05E-03	5.70E-07	8.61E-04	4.91E-10	1.0E+06	4.9E-04
79	0.10128	7.62E-03	7.7E-04	1.05E-03	8.06E-07	8.61E-04	6.94E-10	1.0E+06	6.9E-04
80	0.10599	7.62E-03	8.1E-04	1.05E-03	8.44E-07	8.61E-04	7.26E-10	1.0E+06	7.3E-04
81	0.11048	7.62E-03	8.4E-04	1.05E-03	8.79E-07	8.61E-04	7.57E-10	1.0E+06	7.6E-04
82	0.11482	7.62E-03	8.7E-04	1.05E-03	9.14E-07	8.61E-04	7.87E-10	1.0E+06	7.9E-04
83	0.11915	7.62E-03	9.1E-04	1.05E-03	9.48E-07	8.61E-04	8.17E-10	1.0E+06	8.2E-04
84	0.12375	7.62E-03	9.4E-04	1.05E-03	9.85E-07	8.61E-04	8.48E-10	1.0E+06	8.5E-04
85	0.12901	7.62E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.84E-10	1.0E+06	8.8E-04
86	0.13583	7.62E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.31E-10	1.0E+06	9.3E-04
87	0.14415	7.62E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.88E-10	1.0E+06	9.9E-04
88	0.15414	7.62E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
89	0.16607	7.62E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
90	0.17952	7.62E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
91	0.1936	7.62E-03	1.5E-03	1.05E-03	1.54E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03
92	0.20704	7.62E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03
93	0.21899	7.62E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.22847	7.62E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03
95	0.2348	7.62E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03
96	0.23762	7.62E-03	1.8E-03	1.05E-03	1.89E-06	8.61E-04	1.63E-09	1.0E+06	1.6E-03
97	0.2369	7.62E-03	1.8E-03	1.05E-03	1.89E-06	8.61E-04	1.62E-09	1.0E+06	1.6E-03
98	0.23292	7.62E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03
99	0.22616	7.62E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.6E-03
100	0.21722	7.62E-03	1.7E-03	1.05E-03	1.73E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03
101	0.07226	7.62E-03	5.5E-04	1.05E-03	5.75E-07	8.61E-04	4.95E-10	1.0E+06	5.0E-04
102	0.07655	7.62E-03	5.8E-04	1.05E-03	6.09E-07	8.61E-04	5.25E-10	1.0E+06	5.2E-04
103	0.07876	7.62E-03	6.0E-04	1.05E-03	6.27E-07	8.61E-04	5.40E-10	1.0E+06	5.4E-04
104	0.11504	7.62E-03	8.8E-04	1.05E-03	9.16E-07	8.61E-04	7.88E-10	1.0E+06	7.9E-04
105	0.12115	7.62E-03	9.2E-04	1.05E-03	9.64E-07	8.61E-04	8.30E-10	1.0E+06	8.3E-04
106	0.127	7.62E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.70E-10	1.0E+06	8.7E-04
107	0.13266	7.62E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.09E-10	1.0E+06	9.1E-04
108	0.13832	7.62E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.48E-10	1.0E+06	9.5E-04
109	0.14434	7.62E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.89E-10	1.0E+06	9.9E-04
110	0.15143	7.62E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
111	0.16082	7.62E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
112	0.17179	7.62E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
113	0.18546	7.62E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
114	0.20158	7.62E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
115	0.21918	7.62E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03
116	0.23669	7.62E-03	1.8E-03	1.05E-03	1.88E-06	8.61E-04	1.62E-09	1.0E+06	1.6E-03
117	0.25245	7.62E-03	1.9E-03	1.05E-03	2.01E-06	8.61E-04	1.73E-09	1.0E+06	1.7E-03
118	0.26513	7.62E-03	2.0E-03	1.05E-03	2.11E-06	8.61E-04	1.82E-09	1.0E+06	1.8E-03
119	0.27359	7.62E-03	2.1E-03	1.05E-03	2.18E-06	8.61E-04	1.88E-09	1.0E+06	1.9E-03
120	0.27727	7.62E-03	2.1E-03	1.05E-03	2.21E-06	8.61E-04	1.90E-09	1.0E+06	1.9E-03
121	0.27613	7.62E-03	2.1E-03	1.05E-03	2.20E-06	8.61E-04	1.89E-09	1.0E+06	1.9E-03
122	0.27061	7.62E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.9E-03
123	0.26143	7.62E-03	2.0E-03	1.05E-03	2.08E-06	8.61E-04	1.79E-09	1.0E+06	1.8E-03
124	0.2495	7.62E-03	1.9E-03	1.05E-03	1.99E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
125	0.07903	7.62E-03	6.0E-04	1.05E-03	6.29E-07	8.61E-04	5.42E-10	1.0E+06	5.4E-04
126	0.08406	7.62E-03	6.4E-04	1.05E-03	6.69E-07	8.61E-04	5.76E-10	1.0E+06	5.8E-04
127	0.08703	7.62E-03	6.6E-04	1.05E-03	6.93E-07	8.61E-04	5.96E-10	1.0E+06	6.0E-04
128	0.13998	7.62E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.59E-10	1.0E+06	9.6E-04
129	0.14778	7.62E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
130	0.15534	7.62E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
131	0.16286	7.62E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
132	0.1709	7.62E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
133	0.18094	7.62E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
134	0.19343	7.62E-03	1.5E-03	1.05E-03	1.54E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03
135	0.20884	7.62E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03
136	0.22799	7.62E-03	1.7E-03	1.05E-03	1.81E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03
137	0.25	7.62E-03	1.9E-03	1.05E-03	1.99E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03
138	0.27296	7.62E-03	2.1E-03	1.05E-03	2.17E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03
139	0.29416	7.62E-03	2.2E-03	1.05E-03	2.34E-06	8.61E-04	2.02E-09	1.0E+06	2.0E-03
140	0.31152	7.62E-03	2.4E-03	1.05E-03	2.48E-06	8.61E-04	2.14E-09	1.0E+06	2.1E-03
141	0.32318	7.62E-03	2.5E-03	1.05E-03	2.57E-06	8.61E-04	2.21E-09	1.0E+06	2.2E-03
142	0.32816	7.62E-03	2.5E-03	1.05E-03	2.61E-06	8.61E-04	2.25E-09	1.0E+06	2.2E-03
143	0.3264	7.62E-03	2.5E-03	1.05E-03	2.60E-06	8.61E-04	2.24E-09	1.0E+06	2.2E-03
144	0.31859	7.62E-03	2.4E-03	1.05E-03	2.54E-06	8.61E-04	2.18E-09	1.0E+06	2.2E-03
145	0.30591	7.62E-03	2.3E-03	1.05E-03	2.43E-06	8.61E-04	2.10E-09	1.0E+06	2.1E-03
146	0.2897	7.62E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03
147	0.08674	7.62E-03	6.6E-04	1.05E-03	6.90E-07	8.61E-04	5.94E-10	1.0E+06	5.9E-04
148	0.09275	7.62E-03	7.1E-04	1.05E-03	7.38E-07	8.61E-04	6.36E-10	1.0E+06	6.4E-04
149	0.09694	7.62E-03	7.4E-04	1.05E-03	7.72E-07	8.61E-04	6.64E-10	1.0E+06	6.6E-04
150	0.16375	7.62E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
151	0.17437	7.62E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
152	0.18471	7.62E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
153	0.195	7.62E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
154	0.20604	7.62E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
155	0.22067	7.62E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
156	0.2378	7.62E-03	1.8E-03	1.05E-03	1.89E-06	8.61E-04	1.63E-09	1.0E+06	1.6E-03
157	0.26013	7.62E-03	2.0E-03	1.05E-03	2.07E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
158	0.28752	7.62E-03	2.2E-03	1.05E-03	2.29E-06	8.61E-04	1.97E-09	1.0E+06	2.0E-03
159	0.3177	7.62E-03	2.4E-03	1.05E-03	2.53E-06	8.61E-04	2.18E-09	1.0E+06	2.2E-03
160	0.34689	7.62E-03	2.6E-03	1.05E-03	2.76E-06	8.61E-04	2.38E-09	1.0E+06	2.4E-03
161	0.37119	7.62E-03	2.8E-03	1.05E-03	2.95E-06	8.61E-04	2.54E-09	1.0E+06	2.5E-03
162	0.38785	7.62E-03	3.0E-03	1.05E-03	3.09E-06	8.61E-04	2.66E-09	1.0E+06	2.7E-03
163	0.3949	7.62E-03	3.0E-03	1.05E-03	3.14E-06	8.61E-04	2.71E-09	1.0E+06	2.7E-03
164	0.39222	7.62E-03	3.0E-03	1.05E-03	3.12E-06	8.61E-04	2.69E-09	1.0E+06	2.7E-03
165	0.38096	7.62E-03	2.9E-03	1.05E-03	3.03E-06	8.61E-04	2.61E-09	1.0E+06	2.6E-03
166	0.36302	7.62E-03	2.8E-03	1.05E-03	2.89E-06	8.61E-04	2.49E-09	1.0E+06	2.5E-03
167	0.34054	7.62E-03	2.6E-03	1.05E-03	2.71E-06	8.61E-04	2.33E-09	1.0E+06	2.3E-03
168	0.31553	7.62E-03	2.4E-03	1.05E-03	2.51E-06	8.61E-04	2.16E-09	1.0E+06	2.2E-03
169	0.09545	7.62E-03	7.3E-04	1.05E-03	7.60E-07	8.61E-04	6.54E-10	1.0E+06	6.5E-04
170	0.10272	7.62E-03	7.8E-04	1.05E-03	8.18E-07	8.61E-04	7.04E-10	1.0E+06	7.0E-04
171	0.10877	7.62E-03	8.3E-04	1.05E-03	8.66E-07	8.61E-04	7.45E-10	1.0E+06	7.5E-04
172	0.11479	7.62E-03	8.7E-04	1.05E-03	9.14E-07	8.61E-04	7.87E-10	1.0E+06	7.9E-04
173	0.19428	7.62E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03
174	0.20921	7.62E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03
175	0.22382	7.62E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.53E-09	1.0E+06	1.5E-03
176	0.23828	7.62E-03	1.8E-03	1.05E-03	1.90E-06	8.61E-04	1.63E-09	1.0E+06	1.6E-03
177	0.25445	7.62E-03	1.9E-03	1.05E-03	2.03E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03
178	0.27496	7.62E-03	2.1E-03	1.05E-03	2.19E-06	8.61E-04	1.88E-09	1.0E+06	1.9E-03
179	0.3004	7.62E-03	2.3E-03	1.05E-03	2.39E-06	8.61E-04	2.06E-09	1.0E+06	2.1E-03
180	0.3339	7.62E-03	2.5E-03	1.05E-03	2.66E-06	8.61E-04	2.29E-09	1.0E+06	2.3E-03
181	0.37358	7.62E-03	2.8E-03	1.05E-03	2.97E-06	8.61E-04	2.56E-09	1.0E+06	2.6E-03
182	0.41443	7.62E-03	3.2E-03	1.05E-03	3.30E-06	8.61E-04	2.84E-09	1.0E+06	2.8E-03
183	0.43789	7.62E-03	3.3E-03	1.05E-03	3.49E-06	8.61E-04	3.00E-09	1.0E+06	3.0E-03
184	0.406	7.62E-03	3.1E-03	1.05E-03	3.23E-06	8.61E-04	2.78E-09	1.0E+06	2.8E-03
185	0.11405	7.62E-03	8.7E-04	1.05E-03	9.08E-07	8.61E-04	7.82E-10	1.0E+06	7.8E-04
186	0.12245	7.62E-03	9.3E-04	1.05E-03	9.75E-07	8.61E-04	8.39E-10	1.0E+06	8.4E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
187	0.12996	7.62E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.91E-10	1.0E+06	8.9E-04
188	0.23416	7.62E-03	1.8E-03	1.05E-03	1.86E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03
189	0.25587	7.62E-03	1.9E-03	1.05E-03	2.04E-06	8.61E-04	1.75E-09	1.0E+06	1.8E-03
190	0.27731	7.62E-03	2.1E-03	1.05E-03	2.21E-06	8.61E-04	1.90E-09	1.0E+06	1.9E-03
191	0.29865	7.62E-03	2.3E-03	1.05E-03	2.38E-06	8.61E-04	2.05E-09	1.0E+06	2.0E-03
192	0.32364	7.62E-03	2.5E-03	1.05E-03	2.58E-06	8.61E-04	2.22E-09	1.0E+06	2.2E-03
193	0.35304	7.62E-03	2.7E-03	1.05E-03	2.81E-06	8.61E-04	2.42E-09	1.0E+06	2.4E-03
194	0.39277	7.62E-03	3.0E-03	1.05E-03	3.13E-06	8.61E-04	2.69E-09	1.0E+06	2.7E-03
195	0.44439	7.62E-03	3.4E-03	1.05E-03	3.54E-06	8.61E-04	3.05E-09	1.0E+06	3.0E-03
196	0.50218	7.62E-03	3.8E-03	1.05E-03	4.00E-06	8.61E-04	3.44E-09	1.0E+06	3.4E-03
197	0.55555	7.62E-03	4.2E-03	1.05E-03	4.42E-06	8.61E-04	3.81E-09	1.0E+06	3.8E-03
198	0.13699	7.62E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.39E-10	1.0E+06	9.4E-04
199	0.14866	7.62E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
200	0.15412	7.62E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
201	0.17021	7.62E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
202	0.18554	7.62E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
203	0.19382	7.62E-03	1.5E-03	1.05E-03	1.54E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03
204	0.21811	7.62E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03
205	0.24412	7.62E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03
206	0.25326	7.62E-03	1.9E-03	1.05E-03	2.02E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03
207	0.29046	7.62E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03
208	0.33606	7.62E-03	2.6E-03	1.05E-03	2.67E-06	8.61E-04	2.30E-09	1.0E+06	2.3E-03
209	0.29177	7.62E-03	2.2E-03	1.05E-03	2.32E-06	8.61E-04	2.00E-09	1.0E+06	2.0E-03
210	0.34571	7.62E-03	2.6E-03	1.05E-03	2.75E-06	8.61E-04	2.37E-09	1.0E+06	2.4E-03
211	0.40855	7.62E-03	3.1E-03	1.05E-03	3.25E-06	8.61E-04	2.80E-09	1.0E+06	2.8E-03
212	0.40507	7.62E-03	3.1E-03	1.05E-03	3.22E-06	8.61E-04	2.78E-09	1.0E+06	2.8E-03
213	0.50013	7.62E-03	3.8E-03	1.05E-03	3.98E-06	8.61E-04	3.43E-09	1.0E+06	3.4E-03
214	0.61755	7.62E-03	4.7E-03	1.05E-03	4.92E-06	8.61E-04	4.23E-09	1.0E+06	4.2E-03
215	0.47125	7.62E-03	3.6E-03	1.05E-03	3.75E-06	8.61E-04	3.23E-09	1.0E+06	3.2E-03
216	0.59804	7.62E-03	4.6E-03	1.05E-03	4.76E-06	8.61E-04	4.10E-09	1.0E+06	4.1E-03
217	0.76606	7.62E-03	5.8E-03	1.05E-03	6.10E-06	8.61E-04	5.25E-09	1.0E+06	5.3E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
218	0.94632	7.62E-03	7.2E-03	1.05E-03	7.53E-06	8.61E-04	6.49E-09	1.0E+06	6.5E-03
219	1.33913	7.62E-03	1.0E-02	1.05E-03	1.07E-05	8.61E-04	9.18E-09	1.0E+06	9.2E-03
220	1.14859	7.62E-03	8.7E-03	1.05E-03	9.14E-06	8.61E-04	7.87E-09	1.0E+06	7.9E-03
221	1.65264	7.62E-03	1.3E-02	1.05E-03	1.32E-05	8.61E-04	1.13E-08	1.0E+06	1.1E-02
222	1.30624	7.62E-03	9.9E-03	1.05E-03	1.04E-05	8.61E-04	8.95E-09	1.0E+06	9.0E-03
223	1.8635	7.62E-03	1.4E-02	1.05E-03	1.48E-05	8.61E-04	1.28E-08	1.0E+06	1.3E-02
224	2.84888	7.62E-03	2.2E-02	1.05E-03	2.27E-05	8.61E-04	1.95E-08	1.0E+06	2.0E-02
225	1.8363	7.62E-03	1.4E-02	1.05E-03	1.46E-05	8.61E-04	1.26E-08	1.0E+06	1.3E-02
226	2.54488	7.62E-03	1.9E-02	1.05E-03	2.03E-05	8.61E-04	1.74E-08	1.0E+06	1.7E-02
227	0.15047	7.62E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
228	0.13295	7.62E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.11E-10	1.0E+06	9.1E-04
229	0.1184	7.62E-03	9.0E-04	1.05E-03	9.42E-07	8.61E-04	8.11E-10	1.0E+06	8.1E-04
230	0.10621	7.62E-03	8.1E-04	1.05E-03	8.45E-07	8.61E-04	7.28E-10	1.0E+06	7.3E-04
231	0.13722	7.62E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.40E-10	1.0E+06	9.4E-04
232	0.1221	7.62E-03	9.3E-04	1.05E-03	9.72E-07	8.61E-04	8.37E-10	1.0E+06	8.4E-04
233	0.10942	7.62E-03	8.3E-04	1.05E-03	8.71E-07	8.61E-04	7.50E-10	1.0E+06	7.5E-04
234	0.09869	7.62E-03	7.5E-04	1.05E-03	7.86E-07	8.61E-04	6.76E-10	1.0E+06	6.8E-04
235	0.12548	7.62E-03	9.6E-04	1.05E-03	9.99E-07	8.61E-04	8.60E-10	1.0E+06	8.6E-04
236	0.11244	7.62E-03	8.6E-04	1.05E-03	8.95E-07	8.61E-04	7.71E-10	1.0E+06	7.7E-04
237	0.10137	7.62E-03	7.7E-04	1.05E-03	8.07E-07	8.61E-04	6.95E-10	1.0E+06	6.9E-04
238	0.09191	7.62E-03	7.0E-04	1.05E-03	7.32E-07	8.61E-04	6.30E-10	1.0E+06	6.3E-04
239	1.2979	7.62E-03	9.9E-03	1.05E-03	1.03E-05	8.61E-04	8.90E-09	1.0E+06	8.9E-03
240	1.0859	7.62E-03	8.3E-03	1.05E-03	8.64E-06	8.61E-04	7.44E-09	1.0E+06	7.4E-03
241	0.92078	7.62E-03	7.0E-03	1.05E-03	7.33E-06	8.61E-04	6.31E-09	1.0E+06	6.3E-03
242	0.78986	7.62E-03	6.0E-03	1.05E-03	6.29E-06	8.61E-04	5.41E-09	1.0E+06	5.4E-03
243	1.1129	7.62E-03	8.5E-03	1.05E-03	8.86E-06	8.61E-04	7.63E-09	1.0E+06	7.6E-03
244	0.94507	7.62E-03	7.2E-03	1.05E-03	7.52E-06	8.61E-04	6.48E-09	1.0E+06	6.5E-03
245	0.81129	7.62E-03	6.2E-03	1.05E-03	6.46E-06	8.61E-04	5.56E-09	1.0E+06	5.6E-03
246	0.70317	7.62E-03	5.4E-03	1.05E-03	5.60E-06	8.61E-04	4.82E-09	1.0E+06	4.8E-03
247	0.9621	7.62E-03	7.3E-03	1.05E-03	7.66E-06	8.61E-04	6.59E-09	1.0E+06	6.6E-03
248	0.82801	7.62E-03	6.3E-03	1.05E-03	6.59E-06	8.61E-04	5.67E-09	1.0E+06	5.7E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
249	0.7188	7.62E-03	5.5E-03	1.05E-03	5.72E-06	8.61E-04	4.93E-09	1.0E+06	4.9E-03
250	0.62886	7.62E-03	4.8E-03	1.05E-03	5.01E-06	8.61E-04	4.31E-09	1.0E+06	4.3E-03
251	0.34357	7.62E-03	2.6E-03	1.05E-03	2.73E-06	8.61E-04	2.35E-09	1.0E+06	2.4E-03
252	0.3136	7.62E-03	2.4E-03	1.05E-03	2.50E-06	8.61E-04	2.15E-09	1.0E+06	2.1E-03
253	0.41633	7.62E-03	3.2E-03	1.05E-03	3.31E-06	8.61E-04	2.85E-09	1.0E+06	2.9E-03
254	0.37861	7.62E-03	2.9E-03	1.05E-03	3.01E-06	8.61E-04	2.59E-09	1.0E+06	2.6E-03
255	0.31584	7.62E-03	2.4E-03	1.05E-03	2.51E-06	8.61E-04	2.16E-09	1.0E+06	2.2E-03
256	0.28972	7.62E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03
257	0.22762	7.62E-03	1.7E-03	1.05E-03	1.81E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03
258	0.37705	7.62E-03	2.9E-03	1.05E-03	3.00E-06	8.61E-04	2.58E-09	1.0E+06	2.6E-03
259	0.34502	7.62E-03	2.6E-03	1.05E-03	2.75E-06	8.61E-04	2.36E-09	1.0E+06	2.4E-03
260	0.31638	7.62E-03	2.4E-03	1.05E-03	2.52E-06	8.61E-04	2.17E-09	1.0E+06	2.2E-03
261	0.29088	7.62E-03	2.2E-03	1.05E-03	2.32E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03
262	0.2681	7.62E-03	2.0E-03	1.05E-03	2.13E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03
263	0.21312	7.62E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
264	0.31517	7.62E-03	2.4E-03	1.05E-03	2.51E-06	8.61E-04	2.16E-09	1.0E+06	2.2E-03
265	0.29058	7.62E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03
266	0.26843	7.62E-03	2.0E-03	1.05E-03	2.14E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03
267	0.24848	7.62E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03
268	0.19981	7.62E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03
269	0.28208	7.62E-03	2.1E-03	1.05E-03	2.25E-06	8.61E-04	1.93E-09	1.0E+06	1.9E-03
270	0.24135	7.62E-03	1.8E-03	1.05E-03	1.92E-06	8.61E-04	1.65E-09	1.0E+06	1.7E-03
271	0.20849	7.62E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03
272	0.18172	7.62E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.2E-03
273	0.15972	7.62E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
274	0.14149	7.62E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.70E-10	1.0E+06	9.7E-04
275	0.12624	7.62E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.65E-10	1.0E+06	8.7E-04
276	0.25908	7.62E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
277	0.22163	7.62E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
278	0.19164	7.62E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
279	0.16731	7.62E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.14739	7.62E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
281	0.13089	7.62E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.97E-10	1.0E+06	9.0E-04
282	0.11709	7.62E-03	8.9E-04	1.05E-03	9.32E-07	8.61E-04	8.02E-10	1.0E+06	8.0E-04
283	0.2344	7.62E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03
284	0.20119	7.62E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
285	0.17461	7.62E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
286	0.15304	7.62E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03
287	0.13533	7.62E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.28E-10	1.0E+06	9.3E-04
288	0.12064	7.62E-03	9.2E-04	1.05E-03	9.60E-07	8.61E-04	8.27E-10	1.0E+06	8.3E-04
289	0.10831	7.62E-03	8.2E-04	1.05E-03	8.62E-07	8.61E-04	7.42E-10	1.0E+06	7.4E-04
290	0.21027	7.62E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03
291	0.18154	7.62E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
292	0.15843	7.62E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
293	0.13959	7.62E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.57E-10	1.0E+06	9.6E-04
294	0.12404	7.62E-03	9.4E-04	1.05E-03	9.87E-07	8.61E-04	8.50E-10	1.0E+06	8.5E-04
295	0.11108	7.62E-03	8.5E-04	1.05E-03	8.84E-07	8.61E-04	7.61E-10	1.0E+06	7.6E-04
296	0.10016	7.62E-03	7.6E-04	1.05E-03	7.97E-07	8.61E-04	6.86E-10	1.0E+06	6.9E-04
297	0.18826	7.62E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
298	0.1637	7.62E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
299	0.14378	7.62E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.85E-10	1.0E+06	9.9E-04
300	0.12743	7.62E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.73E-10	1.0E+06	8.7E-04
301	0.11385	7.62E-03	8.7E-04	1.05E-03	9.06E-07	8.61E-04	7.80E-10	1.0E+06	7.8E-04
302	0.10244	7.62E-03	7.8E-04	1.05E-03	8.15E-07	8.61E-04	7.02E-10	1.0E+06	7.0E-04
303	0.09277	7.62E-03	7.1E-04	1.05E-03	7.38E-07	8.61E-04	6.36E-10	1.0E+06	6.4E-04
304	0.16902	7.62E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
305	0.14807	7.62E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
306	0.13093	7.62E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.97E-10	1.0E+06	9.0E-04
307	0.11673	7.62E-03	8.9E-04	1.05E-03	9.29E-07	8.61E-04	8.00E-10	1.0E+06	8.0E-04
308	0.10484	7.62E-03	8.0E-04	1.05E-03	8.34E-07	8.61E-04	7.19E-10	1.0E+06	7.2E-04
309	0.09478	7.62E-03	7.2E-04	1.05E-03	7.54E-07	8.61E-04	6.50E-10	1.0E+06	6.5E-04
310	0.08621	7.62E-03	6.6E-04	1.05E-03	6.86E-07	8.61E-04	5.91E-10	1.0E+06	5.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.15271	7.62E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03
312	0.13471	7.62E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.23E-10	1.0E+06	9.2E-04
313	0.11986	7.62E-03	9.1E-04	1.05E-03	9.54E-07	8.61E-04	8.21E-10	1.0E+06	8.2E-04
314	0.10746	7.62E-03	8.2E-04	1.05E-03	8.55E-07	8.61E-04	7.36E-10	1.0E+06	7.4E-04
315	0.09699	7.62E-03	7.4E-04	1.05E-03	7.72E-07	8.61E-04	6.65E-10	1.0E+06	6.6E-04
316	0.08808	7.62E-03	6.7E-04	1.05E-03	7.01E-07	8.61E-04	6.04E-10	1.0E+06	6.0E-04
317	0.08043	7.62E-03	6.1E-04	1.05E-03	6.40E-07	8.61E-04	5.51E-10	1.0E+06	5.5E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Grading Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	8.01E-05
2	5	8.39E-05
3	5	8.50E-05
4	5	1.10E-04
5	5	1.14E-04
6	5	1.17E-04
7	5	1.21E-04
8	5	1.24E-04
9	5	1.27E-04
10	5	1.31E-04
11	5	1.36E-04
12	5	1.41E-04
13	5	1.48E-04
14	5	1.57E-04
15	5	1.66E-04
16	5	1.77E-04
17	5	1.88E-04
18	5	2.00E-04
19	5	2.11E-04
20	5	2.21E-04
21	5	2.30E-04
22	5	2.37E-04
23	5	2.41E-04
24	5	2.44E-04
25	5	2.43E-04
26	5	8.62E-05
27	5	9.05E-05
28	5	9.19E-05
29	5	1.22E-04
30	5	1.27E-04
31	5	1.31E-04

Max	Receptor #
0.004	224



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	1.35E-04
33	5	1.39E-04
34	5	1.44E-04
35	5	1.49E-04
36	5	1.54E-04
37	5	1.62E-04
38	5	1.71E-04
39	5	1.81E-04
40	5	1.93E-04
41	5	2.07E-04
42	5	2.21E-04
43	5	2.34E-04
44	5	2.47E-04
45	5	2.58E-04
46	5	2.67E-04
47	5	2.73E-04
48	5	2.75E-04
49	5	2.75E-04
50	5	2.72E-04
51	5	9.31E-05
52	5	9.80E-05
53	5	9.98E-05
54	5	1.37E-04
55	5	1.43E-04
56	5	1.48E-04
57	5	1.53E-04
58	5	1.58E-04
59	5	1.64E-04
60	5	1.70E-04
61	5	1.77E-04
62	5	1.87E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	1.99E-04
64	5	2.12E-04
65	5	2.28E-04
66	5	2.45E-04
67	5	2.62E-04
68	5	2.78E-04
69	5	2.92E-04
70	5	3.03E-04
71	5	3.11E-04
72	5	3.14E-04
73	5	3.13E-04
74	5	3.09E-04
75	5	3.01E-04
76	5	1.01E-04
77	5	1.07E-04
78	5	1.09E-04
79	5	1.54E-04
80	5	1.61E-04
81	5	1.68E-04
82	5	1.75E-04
83	5	1.81E-04
84	5	1.88E-04
85	5	1.96E-04
86	5	2.07E-04
87	5	2.20E-04
88	5	2.35E-04
89	5	2.53E-04
90	5	2.73E-04
91	5	2.95E-04
92	5	3.15E-04
93	5	3.34E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	3.48E-04
95	5	3.58E-04
96	5	3.62E-04
97	5	3.61E-04
98	5	3.55E-04
99	5	3.44E-04
100	5	3.31E-04
101	5	1.10E-04
102	5	1.17E-04
103	5	1.20E-04
104	5	1.75E-04
105	5	1.85E-04
106	5	1.93E-04
107	5	2.02E-04
108	5	2.11E-04
109	5	2.20E-04
110	5	2.31E-04
111	5	2.45E-04
112	5	2.62E-04
113	5	2.82E-04
114	5	3.07E-04
115	5	3.34E-04
116	5	3.60E-04
117	5	3.84E-04
118	5	4.04E-04
119	5	4.17E-04
120	5	4.22E-04
121	5	4.21E-04
122	5	4.12E-04
123	5	3.98E-04
124	5	3.80E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.20E-04
126	5	1.28E-04
127	5	1.33E-04
128	5	2.13E-04
129	5	2.25E-04
130	5	2.37E-04
131	5	2.48E-04
132	5	2.60E-04
133	5	2.76E-04
134	5	2.95E-04
135	5	3.18E-04
136	5	3.47E-04
137	5	3.81E-04
138	5	4.16E-04
139	5	4.48E-04
140	5	4.74E-04
141	5	4.92E-04
142	5	5.00E-04
143	5	4.97E-04
144	5	4.85E-04
145	5	4.66E-04
146	5	4.41E-04
147	5	1.32E-04
148	5	1.41E-04
149	5	1.48E-04
150	5	2.49E-04
151	5	2.66E-04
152	5	2.81E-04
153	5	2.97E-04
154	5	3.14E-04
155	5	3.36E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	3.62E-04
157	5	3.96E-04
158	5	4.38E-04
159	5	4.84E-04
160	5	5.28E-04
161	5	5.65E-04
162	5	5.91E-04
163	5	6.01E-04
164	5	5.97E-04
165	5	5.80E-04
166	5	5.53E-04
167	5	5.19E-04
168	5	4.81E-04
169	5	1.45E-04
170	5	1.56E-04
171	5	1.66E-04
172	5	1.75E-04
173	5	2.96E-04
174	5	3.19E-04
175	5	3.41E-04
176	5	3.63E-04
177	5	3.88E-04
178	5	4.19E-04
179	5	4.58E-04
180	5	5.09E-04
181	5	5.69E-04
182	5	6.31E-04
183	5	6.67E-04
184	5	6.18E-04
185	5	1.74E-04
186	5	1.86E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	1.98E-04
188	5	3.57E-04
189	5	3.90E-04
190	5	4.22E-04
191	5	4.55E-04
192	5	4.93E-04
193	5	5.38E-04
194	5	5.98E-04
195	5	6.77E-04
196	5	7.65E-04
197	5	8.46E-04
198	5	2.09E-04
199	5	2.26E-04
200	5	2.35E-04
201	5	2.59E-04
202	5	2.83E-04
203	5	2.95E-04
204	5	3.32E-04
205	5	3.72E-04
206	5	3.86E-04
207	5	4.42E-04
208	5	5.12E-04
209	5	4.44E-04
210	5	5.27E-04
211	5	6.22E-04
212	5	6.17E-04
213	5	7.62E-04
214	5	9.41E-04
215	5	7.18E-04
216	5	9.11E-04
217	5	1.17E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	1.44E-03
219	5	2.04E-03
220	5	1.75E-03
221	5	2.52E-03
222	5	1.99E-03
223	5	2.84E-03
224	5	4.34E-03
225	5	2.80E-03
226	5	3.88E-03
227	5	2.29E-04
228	5	2.02E-04
229	5	1.80E-04
230	5	1.62E-04
231	5	2.09E-04
232	5	1.86E-04
233	5	1.67E-04
234	5	1.50E-04
235	5	1.91E-04
236	5	1.71E-04
237	5	1.54E-04
238	5	1.40E-04
239	5	1.98E-03
240	5	1.65E-03
241	5	1.40E-03
242	5	1.20E-03
243	5	1.70E-03
244	5	1.44E-03
245	5	1.24E-03
246	5	1.07E-03
247	5	1.47E-03
248	5	1.26E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	1.09E-03
250	5	9.58E-04
251	5	5.23E-04
252	5	4.78E-04
253	5	6.34E-04
254	5	5.77E-04
255	5	4.81E-04
256	5	4.41E-04
257	5	3.47E-04
258	5	5.74E-04
259	5	5.25E-04
260	5	4.82E-04
261	5	4.43E-04
262	5	4.08E-04
263	5	3.25E-04
264	5	4.80E-04
265	5	4.43E-04
266	5	4.09E-04
267	5	3.78E-04
268	5	3.04E-04
269	5	4.30E-04
270	5	3.68E-04
271	5	3.18E-04
272	5	2.77E-04
273	5	2.43E-04
274	5	2.15E-04
275	5	1.92E-04
276	5	3.95E-04
277	5	3.38E-04
278	5	2.92E-04
279	5	2.55E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	2.24E-04
281	5	1.99E-04
282	5	1.78E-04
283	5	3.57E-04
284	5	3.06E-04
285	5	2.66E-04
286	5	2.33E-04
287	5	2.06E-04
288	5	1.84E-04
289	5	1.65E-04
290	5	3.20E-04
291	5	2.76E-04
292	5	2.41E-04
293	5	2.13E-04
294	5	1.89E-04
295	5	1.69E-04
296	5	1.53E-04
297	5	2.87E-04
298	5	2.49E-04
299	5	2.19E-04
300	5	1.94E-04
301	5	1.73E-04
302	5	1.56E-04
303	5	1.41E-04
304	5	2.57E-04
305	5	2.26E-04
306	5	1.99E-04
307	5	1.78E-04
308	5	1.60E-04
309	5	1.44E-04
310	5	1.31E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	2.33E-04
312	5	2.05E-04
313	5	1.83E-04
314	5	1.64E-04
315	5	1.48E-04
316	5	1.34E-04
317	5	1.22E-04

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Parcel 2-F: Unmitigated - Parcel 2 - Building Construction Risk



**RINCON CONSULTANTS, INC.**  
Environmental Scientists | Planners | Engineers  
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**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05159	6.48E-03	3.3E-04	1.05E-03	3.50E-07	8.61E-04	3.01E-10	1.0E+06	3.0E-04
2	0.05399	6.48E-03	3.5E-04	1.05E-03	3.66E-07	8.61E-04	3.15E-10	1.0E+06	3.1E-04
3	0.05468	6.48E-03	3.5E-04	1.05E-03	3.70E-07	8.61E-04	3.19E-10	1.0E+06	3.2E-04
4	0.07073	6.48E-03	4.6E-04	1.05E-03	4.79E-07	8.61E-04	4.13E-10	1.0E+06	4.1E-04
5	0.073	6.48E-03	4.7E-04	1.05E-03	4.95E-07	8.61E-04	4.26E-10	1.0E+06	4.3E-04
6	0.07516	6.48E-03	4.9E-04	1.05E-03	5.09E-07	8.61E-04	4.38E-10	1.0E+06	4.4E-04
7	0.07722	6.48E-03	5.0E-04	1.05E-03	5.23E-07	8.61E-04	4.51E-10	1.0E+06	4.5E-04
8	0.07928	6.48E-03	5.1E-04	1.05E-03	5.37E-07	8.61E-04	4.63E-10	1.0E+06	4.6E-04
9	0.08144	6.48E-03	5.3E-04	1.05E-03	5.52E-07	8.61E-04	4.75E-10	1.0E+06	4.8E-04
10	0.08382	6.48E-03	5.4E-04	1.05E-03	5.68E-07	8.61E-04	4.89E-10	1.0E+06	4.9E-04
11	0.08659	6.48E-03	5.6E-04	1.05E-03	5.87E-07	8.61E-04	5.05E-10	1.0E+06	5.1E-04
12	0.08996	6.48E-03	5.8E-04	1.05E-03	6.10E-07	8.61E-04	5.25E-10	1.0E+06	5.2E-04
13	0.09423	6.48E-03	6.1E-04	1.05E-03	6.38E-07	8.61E-04	5.50E-10	1.0E+06	5.5E-04
14	0.09924	6.48E-03	6.4E-04	1.05E-03	6.72E-07	8.61E-04	5.79E-10	1.0E+06	5.8E-04
15	0.10503	6.48E-03	6.8E-04	1.05E-03	7.12E-07	8.61E-04	6.13E-10	1.0E+06	6.1E-04
16	0.11166	6.48E-03	7.2E-04	1.05E-03	7.57E-07	8.61E-04	6.51E-10	1.0E+06	6.5E-04
17	0.1188	6.48E-03	7.7E-04	1.05E-03	8.05E-07	8.61E-04	6.93E-10	1.0E+06	6.9E-04
18	0.12605	6.48E-03	8.2E-04	1.05E-03	8.54E-07	8.61E-04	7.35E-10	1.0E+06	7.4E-04
19	0.13321	6.48E-03	8.6E-04	1.05E-03	9.03E-07	8.61E-04	7.77E-10	1.0E+06	7.8E-04
20	0.13992	6.48E-03	9.1E-04	1.05E-03	9.48E-07	8.61E-04	8.16E-10	1.0E+06	8.2E-04
21	0.14583	6.48E-03	9.5E-04	1.05E-03	9.88E-07	8.61E-04	8.51E-10	1.0E+06	8.5E-04
22	0.15064	6.48E-03	9.8E-04	1.05E-03	1.02E-06	8.61E-04	8.79E-10	1.0E+06	8.8E-04
23	0.15409	6.48E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.99E-10	1.0E+06	9.0E-04
24	0.15606	6.48E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.10E-10	1.0E+06	9.1E-04
25	0.15651	6.48E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.13E-10	1.0E+06	9.1E-04
26	0.05546	6.48E-03	3.6E-04	1.05E-03	3.76E-07	8.61E-04	3.24E-10	1.0E+06	3.2E-04
27	0.05818	6.48E-03	3.8E-04	1.05E-03	3.94E-07	8.61E-04	3.39E-10	1.0E+06	3.4E-04
28	0.05906	6.48E-03	3.8E-04	1.05E-03	4.00E-07	8.61E-04	3.45E-10	1.0E+06	3.4E-04
29	0.07839	6.48E-03	5.1E-04	1.05E-03	5.31E-07	8.61E-04	4.57E-10	1.0E+06	4.6E-04
30	0.08121	6.48E-03	5.3E-04	1.05E-03	5.50E-07	8.61E-04	4.74E-10	1.0E+06	4.7E-04
31	0.08389	6.48E-03	5.4E-04	1.05E-03	5.68E-07	8.61E-04	4.89E-10	1.0E+06	4.9E-04

<b>Max</b>	<b>Receptor #</b>
0.016	224

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.08645	6.48E-03	5.6E-04	1.05E-03	5.86E-07	8.61E-04	5.04E-10	1.0E+06	5.0E-04
33	0.08898	6.48E-03	5.8E-04	1.05E-03	6.03E-07	8.61E-04	5.19E-10	1.0E+06	5.2E-04
34	0.09163	6.48E-03	5.9E-04	1.05E-03	6.21E-07	8.61E-04	5.35E-10	1.0E+06	5.3E-04
35	0.09459	6.48E-03	6.1E-04	1.05E-03	6.41E-07	8.61E-04	5.52E-10	1.0E+06	5.5E-04
36	0.09804	6.48E-03	6.4E-04	1.05E-03	6.64E-07	8.61E-04	5.72E-10	1.0E+06	5.7E-04
37	0.10249	6.48E-03	6.6E-04	1.05E-03	6.94E-07	8.61E-04	5.98E-10	1.0E+06	6.0E-04
38	0.10797	6.48E-03	7.0E-04	1.05E-03	7.32E-07	8.61E-04	6.30E-10	1.0E+06	6.3E-04
39	0.11429	6.48E-03	7.4E-04	1.05E-03	7.74E-07	8.61E-04	6.67E-10	1.0E+06	6.7E-04
40	0.12169	6.48E-03	7.9E-04	1.05E-03	8.25E-07	8.61E-04	7.10E-10	1.0E+06	7.1E-04
41	0.1301	6.48E-03	8.4E-04	1.05E-03	8.82E-07	8.61E-04	7.59E-10	1.0E+06	7.6E-04
42	0.13883	6.48E-03	9.0E-04	1.05E-03	9.41E-07	8.61E-04	8.10E-10	1.0E+06	8.1E-04
43	0.14757	6.48E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.61E-10	1.0E+06	8.6E-04
44	0.15587	6.48E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.09E-10	1.0E+06	9.1E-04
45	0.16325	6.48E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.52E-10	1.0E+06	9.5E-04
46	0.16928	6.48E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.88E-10	1.0E+06	9.9E-04
47	0.1736	6.48E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
48	0.17603	6.48E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
49	0.1765	6.48E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
50	0.17508	6.48E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
51	0.05984	6.48E-03	3.9E-04	1.05E-03	4.05E-07	8.61E-04	3.49E-10	1.0E+06	3.5E-04
52	0.06295	6.48E-03	4.1E-04	1.05E-03	4.27E-07	8.61E-04	3.67E-10	1.0E+06	3.7E-04
53	0.06408	6.48E-03	4.2E-04	1.05E-03	4.34E-07	8.61E-04	3.74E-10	1.0E+06	3.7E-04
54	0.08746	6.48E-03	5.7E-04	1.05E-03	5.93E-07	8.61E-04	5.10E-10	1.0E+06	5.1E-04
55	0.09099	6.48E-03	5.9E-04	1.05E-03	6.17E-07	8.61E-04	5.31E-10	1.0E+06	5.3E-04
56	0.09434	6.48E-03	6.1E-04	1.05E-03	6.39E-07	8.61E-04	5.50E-10	1.0E+06	5.5E-04
57	0.09756	6.48E-03	6.3E-04	1.05E-03	6.61E-07	8.61E-04	5.69E-10	1.0E+06	5.7E-04
58	0.10073	6.48E-03	6.5E-04	1.05E-03	6.83E-07	8.61E-04	5.88E-10	1.0E+06	5.9E-04
59	0.10407	6.48E-03	6.7E-04	1.05E-03	7.05E-07	8.61E-04	6.07E-10	1.0E+06	6.1E-04
60	0.1078	6.48E-03	7.0E-04	1.05E-03	7.30E-07	8.61E-04	6.29E-10	1.0E+06	6.3E-04
61	0.11223	6.48E-03	7.3E-04	1.05E-03	7.60E-07	8.61E-04	6.55E-10	1.0E+06	6.5E-04
62	0.11808	6.48E-03	7.7E-04	1.05E-03	8.00E-07	8.61E-04	6.89E-10	1.0E+06	6.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.1251	6.48E-03	8.1E-04	1.05E-03	8.48E-07	8.61E-04	7.30E-10	1.0E+06	7.3E-04
64	0.13336	6.48E-03	8.6E-04	1.05E-03	9.04E-07	8.61E-04	7.78E-10	1.0E+06	7.8E-04
65	0.14295	6.48E-03	9.3E-04	1.05E-03	9.69E-07	8.61E-04	8.34E-10	1.0E+06	8.3E-04
66	0.15361	6.48E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.96E-10	1.0E+06	9.0E-04
67	0.16435	6.48E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.59E-10	1.0E+06	9.6E-04
68	0.17474	6.48E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
69	0.18409	6.48E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
70	0.19178	6.48E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
71	0.1973	6.48E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.15E-09	1.0E+06	1.2E-03
72	0.20035	6.48E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
73	0.20084	6.48E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
74	0.1989	6.48E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
75	0.19477	6.48E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
76	0.06483	6.48E-03	4.2E-04	1.05E-03	4.39E-07	8.61E-04	3.78E-10	1.0E+06	3.8E-04
77	0.06839	6.48E-03	4.4E-04	1.05E-03	4.63E-07	8.61E-04	3.99E-10	1.0E+06	4.0E-04
78	0.06993	6.48E-03	4.5E-04	1.05E-03	4.74E-07	8.61E-04	4.08E-10	1.0E+06	4.1E-04
79	0.09829	6.48E-03	6.4E-04	1.05E-03	6.66E-07	8.61E-04	5.73E-10	1.0E+06	5.7E-04
80	0.10277	6.48E-03	6.7E-04	1.05E-03	6.96E-07	8.61E-04	6.00E-10	1.0E+06	6.0E-04
81	0.10702	6.48E-03	6.9E-04	1.05E-03	7.25E-07	8.61E-04	6.24E-10	1.0E+06	6.2E-04
82	0.11111	6.48E-03	7.2E-04	1.05E-03	7.53E-07	8.61E-04	6.48E-10	1.0E+06	6.5E-04
83	0.11518	6.48E-03	7.5E-04	1.05E-03	7.80E-07	8.61E-04	6.72E-10	1.0E+06	6.7E-04
84	0.11945	6.48E-03	7.7E-04	1.05E-03	8.09E-07	8.61E-04	6.97E-10	1.0E+06	7.0E-04
85	0.12426	6.48E-03	8.1E-04	1.05E-03	8.42E-07	8.61E-04	7.25E-10	1.0E+06	7.2E-04
86	0.13047	6.48E-03	8.5E-04	1.05E-03	8.84E-07	8.61E-04	7.61E-10	1.0E+06	7.6E-04
87	0.138	6.48E-03	8.9E-04	1.05E-03	9.35E-07	8.61E-04	8.05E-10	1.0E+06	8.1E-04
88	0.14707	6.48E-03	9.5E-04	1.05E-03	9.96E-07	8.61E-04	8.58E-10	1.0E+06	8.6E-04
89	0.15805	6.48E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.22E-10	1.0E+06	9.2E-04
90	0.17064	6.48E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.96E-10	1.0E+06	1.0E-03
91	0.18408	6.48E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
92	0.19722	6.48E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.15E-09	1.0E+06	1.2E-03
93	0.20927	6.48E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.21926	6.48E-03	1.4E-03	1.05E-03	1.49E-06	8.61E-04	1.28E-09	1.0E+06	1.3E-03
95	0.22645	6.48E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
96	0.23038	6.48E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
97	0.23092	6.48E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03
98	0.22822	6.48E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03
99	0.22268	6.48E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
100	0.21484	6.48E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.25E-09	1.0E+06	1.3E-03
101	0.07054	6.48E-03	4.6E-04	1.05E-03	4.78E-07	8.61E-04	4.12E-10	1.0E+06	4.1E-04
102	0.07466	6.48E-03	4.8E-04	1.05E-03	5.06E-07	8.61E-04	4.36E-10	1.0E+06	4.4E-04
103	0.07676	6.48E-03	5.0E-04	1.05E-03	5.20E-07	8.61E-04	4.48E-10	1.0E+06	4.5E-04
104	0.11135	6.48E-03	7.2E-04	1.05E-03	7.54E-07	8.61E-04	6.50E-10	1.0E+06	6.5E-04
105	0.11713	6.48E-03	7.6E-04	1.05E-03	7.94E-07	8.61E-04	6.83E-10	1.0E+06	6.8E-04
106	0.12266	6.48E-03	8.0E-04	1.05E-03	8.31E-07	8.61E-04	7.16E-10	1.0E+06	7.2E-04
107	0.12797	6.48E-03	8.3E-04	1.05E-03	8.67E-07	8.61E-04	7.47E-10	1.0E+06	7.5E-04
108	0.13325	6.48E-03	8.6E-04	1.05E-03	9.03E-07	8.61E-04	7.77E-10	1.0E+06	7.8E-04
109	0.13879	6.48E-03	9.0E-04	1.05E-03	9.40E-07	8.61E-04	8.10E-10	1.0E+06	8.1E-04
110	0.14523	6.48E-03	9.4E-04	1.05E-03	9.84E-07	8.61E-04	8.47E-10	1.0E+06	8.5E-04
111	0.15369	6.48E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.97E-10	1.0E+06	9.0E-04
112	0.16352	6.48E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.54E-10	1.0E+06	9.5E-04
113	0.1759	6.48E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
114	0.19074	6.48E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
115	0.2073	6.48E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
116	0.22422	6.48E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
117	0.23997	6.48E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
118	0.25325	6.48E-03	1.6E-03	1.05E-03	1.72E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03
119	0.26286	6.48E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.53E-09	1.0E+06	1.5E-03
120	0.26806	6.48E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03
121	0.26865	6.48E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03
122	0.26488	6.48E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.55E-09	1.0E+06	1.5E-03
123	0.25734	6.48E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03
124	0.24684	6.48E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
125	0.07707	6.48E-03	5.0E-04	1.05E-03	5.22E-07	8.61E-04	4.50E-10	1.0E+06	4.5E-04
126	0.08186	6.48E-03	5.3E-04	1.05E-03	5.55E-07	8.61E-04	4.78E-10	1.0E+06	4.8E-04
127	0.08467	6.48E-03	5.5E-04	1.05E-03	5.74E-07	8.61E-04	4.94E-10	1.0E+06	4.9E-04
128	0.1349	6.48E-03	8.7E-04	1.05E-03	9.14E-07	8.61E-04	7.87E-10	1.0E+06	7.9E-04
129	0.14221	6.48E-03	9.2E-04	1.05E-03	9.64E-07	8.61E-04	8.30E-10	1.0E+06	8.3E-04
130	0.14928	6.48E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.71E-10	1.0E+06	8.7E-04
131	0.15625	6.48E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.12E-10	1.0E+06	9.1E-04
132	0.16359	6.48E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.54E-10	1.0E+06	9.5E-04
133	0.17261	6.48E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
134	0.18371	6.48E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
135	0.19741	6.48E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.15E-09	1.0E+06	1.2E-03
136	0.2147	6.48E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.3E-03
137	0.23503	6.48E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03
138	0.25688	6.48E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03
139	0.27784	6.48E-03	1.8E-03	1.05E-03	1.88E-06	8.61E-04	1.62E-09	1.0E+06	1.6E-03
140	0.29587	6.48E-03	1.9E-03	1.05E-03	2.00E-06	8.61E-04	1.73E-09	1.0E+06	1.7E-03
141	0.30906	6.48E-03	2.0E-03	1.05E-03	2.09E-06	8.61E-04	1.80E-09	1.0E+06	1.8E-03
142	0.31618	6.48E-03	2.0E-03	1.05E-03	2.14E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03
143	0.31686	6.48E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.8E-03
144	0.31151	6.48E-03	2.0E-03	1.05E-03	2.11E-06	8.61E-04	1.82E-09	1.0E+06	1.8E-03
145	0.30107	6.48E-03	2.0E-03	1.05E-03	2.04E-06	8.61E-04	1.76E-09	1.0E+06	1.8E-03
146	0.28677	6.48E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03
147	0.0845	6.48E-03	5.5E-04	1.05E-03	5.73E-07	8.61E-04	4.93E-10	1.0E+06	4.9E-04
148	0.09021	6.48E-03	5.8E-04	1.05E-03	6.11E-07	8.61E-04	5.26E-10	1.0E+06	5.3E-04
149	0.09416	6.48E-03	6.1E-04	1.05E-03	6.38E-07	8.61E-04	5.49E-10	1.0E+06	5.5E-04
150	0.1572	6.48E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.17E-10	1.0E+06	9.2E-04
151	0.1671	6.48E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.75E-10	1.0E+06	9.7E-04
152	0.1767	6.48E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
153	0.18616	6.48E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
154	0.19613	6.48E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
155	0.20913	6.48E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
156	0.2241	6.48E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
157	0.24379	6.48E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03
158	0.26851	6.48E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03
159	0.29664	6.48E-03	1.9E-03	1.05E-03	2.01E-06	8.61E-04	1.73E-09	1.0E+06	1.7E-03
160	0.32501	6.48E-03	2.1E-03	1.05E-03	2.20E-06	8.61E-04	1.90E-09	1.0E+06	1.9E-03
161	0.35	6.48E-03	2.3E-03	1.05E-03	2.37E-06	8.61E-04	2.04E-09	1.0E+06	2.0E-03
162	0.36875	6.48E-03	2.4E-03	1.05E-03	2.50E-06	8.61E-04	2.15E-09	1.0E+06	2.2E-03
163	0.37891	6.48E-03	2.5E-03	1.05E-03	2.57E-06	8.61E-04	2.21E-09	1.0E+06	2.2E-03
164	0.37979	6.48E-03	2.5E-03	1.05E-03	2.57E-06	8.61E-04	2.22E-09	1.0E+06	2.2E-03
165	0.37205	6.48E-03	2.4E-03	1.05E-03	2.52E-06	8.61E-04	2.17E-09	1.0E+06	2.2E-03
166	0.35726	6.48E-03	2.3E-03	1.05E-03	2.42E-06	8.61E-04	2.08E-09	1.0E+06	2.1E-03
167	0.33738	6.48E-03	2.2E-03	1.05E-03	2.29E-06	8.61E-04	1.97E-09	1.0E+06	2.0E-03
168	0.31436	6.48E-03	2.0E-03	1.05E-03	2.13E-06	8.61E-04	1.83E-09	1.0E+06	1.8E-03
169	0.09289	6.48E-03	6.0E-04	1.05E-03	6.29E-07	8.61E-04	5.42E-10	1.0E+06	5.4E-04
170	0.09978	6.48E-03	6.5E-04	1.05E-03	6.76E-07	8.61E-04	5.82E-10	1.0E+06	5.8E-04
171	0.10548	6.48E-03	6.8E-04	1.05E-03	7.15E-07	8.61E-04	6.15E-10	1.0E+06	6.2E-04
172	0.11113	6.48E-03	7.2E-04	1.05E-03	7.53E-07	8.61E-04	6.48E-10	1.0E+06	6.5E-04
173	0.18566	6.48E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
174	0.19948	6.48E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
175	0.21293	6.48E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
176	0.2261	6.48E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
177	0.24052	6.48E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
178	0.25839	6.48E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
179	0.28029	6.48E-03	1.8E-03	1.05E-03	1.90E-06	8.61E-04	1.64E-09	1.0E+06	1.6E-03
180	0.30963	6.48E-03	2.0E-03	1.05E-03	2.10E-06	8.61E-04	1.81E-09	1.0E+06	1.8E-03
181	0.34561	6.48E-03	2.2E-03	1.05E-03	2.34E-06	8.61E-04	2.02E-09	1.0E+06	2.0E-03
182	0.38442	6.48E-03	2.5E-03	1.05E-03	2.60E-06	8.61E-04	2.24E-09	1.0E+06	2.2E-03
183	0.43104	6.48E-03	2.8E-03	1.05E-03	2.92E-06	8.61E-04	2.51E-09	1.0E+06	2.5E-03
184	0.40273	6.48E-03	2.6E-03	1.05E-03	2.73E-06	8.61E-04	2.35E-09	1.0E+06	2.3E-03
185	0.11066	6.48E-03	7.2E-04	1.05E-03	7.50E-07	8.61E-04	6.46E-10	1.0E+06	6.5E-04
186	0.11856	6.48E-03	7.7E-04	1.05E-03	8.03E-07	8.61E-04	6.92E-10	1.0E+06	6.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
187	0.12557	6.48E-03	8.1E-04	1.05E-03	8.51E-07	8.61E-04	7.33E-10	1.0E+06	7.3E-04
188	0.22255	6.48E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
189	0.24247	6.48E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
190	0.26201	6.48E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.53E-09	1.0E+06	1.5E-03
191	0.28121	6.48E-03	1.8E-03	1.05E-03	1.91E-06	8.61E-04	1.64E-09	1.0E+06	1.6E-03
192	0.30316	6.48E-03	2.0E-03	1.05E-03	2.05E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03
193	0.32812	6.48E-03	2.1E-03	1.05E-03	2.22E-06	8.61E-04	1.91E-09	1.0E+06	1.9E-03
194	0.36173	6.48E-03	2.3E-03	1.05E-03	2.45E-06	8.61E-04	2.11E-09	1.0E+06	2.1E-03
195	0.4068	6.48E-03	2.6E-03	1.05E-03	2.76E-06	8.61E-04	2.37E-09	1.0E+06	2.4E-03
196	0.45996	6.48E-03	3.0E-03	1.05E-03	3.12E-06	8.61E-04	2.68E-09	1.0E+06	2.7E-03
197	0.51273	6.48E-03	3.3E-03	1.05E-03	3.47E-06	8.61E-04	2.99E-09	1.0E+06	3.0E-03
198	0.13247	6.48E-03	8.6E-04	1.05E-03	8.98E-07	8.61E-04	7.73E-10	1.0E+06	7.7E-04
199	0.14338	6.48E-03	9.3E-04	1.05E-03	9.71E-07	8.61E-04	8.37E-10	1.0E+06	8.4E-04
200	0.14886	6.48E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.68E-10	1.0E+06	8.7E-04
201	0.16388	6.48E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.56E-10	1.0E+06	9.6E-04
202	0.17805	6.48E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
203	0.18635	6.48E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
204	0.20883	6.48E-03	1.4E-03	1.05E-03	1.41E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03
205	0.23266	6.48E-03	1.5E-03	1.05E-03	1.58E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03
206	0.24207	6.48E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
207	0.2761	6.48E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03
208	0.31733	6.48E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.9E-03
209	0.27855	6.48E-03	1.8E-03	1.05E-03	1.89E-06	8.61E-04	1.63E-09	1.0E+06	1.6E-03
210	0.32791	6.48E-03	2.1E-03	1.05E-03	2.22E-06	8.61E-04	1.91E-09	1.0E+06	1.9E-03
211	0.3845	6.48E-03	2.5E-03	1.05E-03	2.61E-06	8.61E-04	2.24E-09	1.0E+06	2.2E-03
212	0.3834	6.48E-03	2.5E-03	1.05E-03	2.60E-06	8.61E-04	2.24E-09	1.0E+06	2.2E-03
213	0.46919	6.48E-03	3.0E-03	1.05E-03	3.18E-06	8.61E-04	2.74E-09	1.0E+06	2.7E-03
214	0.57282	6.48E-03	3.7E-03	1.05E-03	3.88E-06	8.61E-04	3.34E-09	1.0E+06	3.3E-03
215	0.44441	6.48E-03	2.9E-03	1.05E-03	3.01E-06	8.61E-04	2.59E-09	1.0E+06	2.6E-03
216	0.55859	6.48E-03	3.6E-03	1.05E-03	3.78E-06	8.61E-04	3.26E-09	1.0E+06	3.3E-03
217	0.70655	6.48E-03	4.6E-03	1.05E-03	4.79E-06	8.61E-04	4.12E-09	1.0E+06	4.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
218	0.86813	6.48E-03	5.6E-03	1.05E-03	5.88E-06	8.61E-04	5.06E-09	1.0E+06	5.1E-03
219	1.20541	6.48E-03	7.8E-03	1.05E-03	8.17E-06	8.61E-04	7.03E-09	1.0E+06	7.0E-03
220	1.0605	6.48E-03	6.9E-03	1.05E-03	7.19E-06	8.61E-04	6.19E-09	1.0E+06	6.2E-03
221	1.50797	6.48E-03	9.8E-03	1.05E-03	1.02E-05	8.61E-04	8.80E-09	1.0E+06	8.8E-03
222	1.23662	6.48E-03	8.0E-03	1.05E-03	8.38E-06	8.61E-04	7.21E-09	1.0E+06	7.2E-03
223	1.76956	6.48E-03	1.1E-02	1.05E-03	1.20E-05	8.61E-04	1.03E-08	1.0E+06	1.0E-02
224	2.73804	6.48E-03	1.8E-02	1.05E-03	1.86E-05	8.61E-04	1.60E-08	1.0E+06	1.6E-02
225	1.81856	6.48E-03	1.2E-02	1.05E-03	1.23E-05	8.61E-04	1.06E-08	1.0E+06	1.1E-02
226	2.57348	6.48E-03	1.7E-02	1.05E-03	1.74E-05	8.61E-04	1.50E-08	1.0E+06	1.5E-02
227	0.1547	6.48E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.03E-10	1.0E+06	9.0E-04
228	0.13643	6.48E-03	8.8E-04	1.05E-03	9.24E-07	8.61E-04	7.96E-10	1.0E+06	8.0E-04
229	0.1213	6.48E-03	7.9E-04	1.05E-03	8.22E-07	8.61E-04	7.08E-10	1.0E+06	7.1E-04
230	0.10865	6.48E-03	7.0E-04	1.05E-03	7.36E-07	8.61E-04	6.34E-10	1.0E+06	6.3E-04
231	0.14095	6.48E-03	9.1E-04	1.05E-03	9.55E-07	8.61E-04	8.22E-10	1.0E+06	8.2E-04
232	0.12519	6.48E-03	8.1E-04	1.05E-03	8.48E-07	8.61E-04	7.30E-10	1.0E+06	7.3E-04
233	0.11202	6.48E-03	7.3E-04	1.05E-03	7.59E-07	8.61E-04	6.54E-10	1.0E+06	6.5E-04
234	0.10088	6.48E-03	6.5E-04	1.05E-03	6.84E-07	8.61E-04	5.89E-10	1.0E+06	5.9E-04
235	0.12879	6.48E-03	8.3E-04	1.05E-03	8.73E-07	8.61E-04	7.51E-10	1.0E+06	7.5E-04
236	0.11521	6.48E-03	7.5E-04	1.05E-03	7.81E-07	8.61E-04	6.72E-10	1.0E+06	6.7E-04
237	0.10371	6.48E-03	6.7E-04	1.05E-03	7.03E-07	8.61E-04	6.05E-10	1.0E+06	6.1E-04
238	0.0939	6.48E-03	6.1E-04	1.05E-03	6.36E-07	8.61E-04	5.48E-10	1.0E+06	5.5E-04
239	1.39024	6.48E-03	9.0E-03	1.05E-03	9.42E-06	8.61E-04	8.11E-09	1.0E+06	8.1E-03
240	1.1581	6.48E-03	7.5E-03	1.05E-03	7.85E-06	8.61E-04	6.76E-09	1.0E+06	6.8E-03
241	0.9782	6.48E-03	6.3E-03	1.05E-03	6.63E-06	8.61E-04	5.71E-09	1.0E+06	5.7E-03
242	0.83619	6.48E-03	5.4E-03	1.05E-03	5.67E-06	8.61E-04	4.88E-09	1.0E+06	4.9E-03
243	1.19113	6.48E-03	7.7E-03	1.05E-03	8.07E-06	8.61E-04	6.95E-09	1.0E+06	6.9E-03
244	1.00706	6.48E-03	6.5E-03	1.05E-03	6.82E-06	8.61E-04	5.88E-09	1.0E+06	5.9E-03
245	0.86113	6.48E-03	5.6E-03	1.05E-03	5.83E-06	8.61E-04	5.02E-09	1.0E+06	5.0E-03
246	0.74374	6.48E-03	4.8E-03	1.05E-03	5.04E-06	8.61E-04	4.34E-09	1.0E+06	4.3E-03
247	1.02824	6.48E-03	6.7E-03	1.05E-03	6.97E-06	8.61E-04	6.00E-09	1.0E+06	6.0E-03
248	0.88121	6.48E-03	5.7E-03	1.05E-03	5.97E-06	8.61E-04	5.14E-09	1.0E+06	5.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
249	0.76209	6.48E-03	4.9E-03	1.05E-03	5.16E-06	8.61E-04	4.45E-09	1.0E+06	4.4E-03
250	0.66445	6.48E-03	4.3E-03	1.05E-03	4.50E-06	8.61E-04	3.88E-09	1.0E+06	3.9E-03
251	0.35927	6.48E-03	2.3E-03	1.05E-03	2.43E-06	8.61E-04	2.10E-09	1.0E+06	2.1E-03
252	0.32726	6.48E-03	2.1E-03	1.05E-03	2.22E-06	8.61E-04	1.91E-09	1.0E+06	1.9E-03
253	0.43774	6.48E-03	2.8E-03	1.05E-03	2.97E-06	8.61E-04	2.55E-09	1.0E+06	2.6E-03
254	0.39713	6.48E-03	2.6E-03	1.05E-03	2.69E-06	8.61E-04	2.32E-09	1.0E+06	2.3E-03
255	0.32986	6.48E-03	2.1E-03	1.05E-03	2.24E-06	8.61E-04	1.92E-09	1.0E+06	1.9E-03
256	0.302	6.48E-03	2.0E-03	1.05E-03	2.05E-06	8.61E-04	1.76E-09	1.0E+06	1.8E-03
257	0.23606	6.48E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
258	0.39573	6.48E-03	2.6E-03	1.05E-03	2.68E-06	8.61E-04	2.31E-09	1.0E+06	2.3E-03
259	0.36132	6.48E-03	2.3E-03	1.05E-03	2.45E-06	8.61E-04	2.11E-09	1.0E+06	2.1E-03
260	0.33064	6.48E-03	2.1E-03	1.05E-03	2.24E-06	8.61E-04	1.93E-09	1.0E+06	1.9E-03
261	0.3034	6.48E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03
262	0.27914	6.48E-03	1.8E-03	1.05E-03	1.89E-06	8.61E-04	1.63E-09	1.0E+06	1.6E-03
263	0.22084	6.48E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
264	0.32954	6.48E-03	2.1E-03	1.05E-03	2.23E-06	8.61E-04	1.92E-09	1.0E+06	1.9E-03
265	0.30325	6.48E-03	2.0E-03	1.05E-03	2.05E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03
266	0.27963	6.48E-03	1.8E-03	1.05E-03	1.89E-06	8.61E-04	1.63E-09	1.0E+06	1.6E-03
267	0.25841	6.48E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
268	0.20687	6.48E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
269	0.29052	6.48E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
270	0.24835	6.48E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.45E-09	1.0E+06	1.4E-03
271	0.21433	6.48E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.3E-03
272	0.18662	6.48E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
273	0.16385	6.48E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.56E-10	1.0E+06	9.6E-04
274	0.14499	6.48E-03	9.4E-04	1.05E-03	9.82E-07	8.61E-04	8.46E-10	1.0E+06	8.5E-04
275	0.12924	6.48E-03	8.4E-04	1.05E-03	8.76E-07	8.61E-04	7.54E-10	1.0E+06	7.5E-04
276	0.26743	6.48E-03	1.7E-03	1.05E-03	1.81E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03
277	0.22843	6.48E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03
278	0.19723	6.48E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.15E-09	1.0E+06	1.2E-03
279	0.17196	6.48E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.00E-09	1.0E+06	1.0E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.15128	6.48E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.83E-10	1.0E+06	8.8E-04
281	0.13417	6.48E-03	8.7E-04	1.05E-03	9.09E-07	8.61E-04	7.83E-10	1.0E+06	7.8E-04
282	0.11989	6.48E-03	7.8E-04	1.05E-03	8.12E-07	8.61E-04	6.99E-10	1.0E+06	7.0E-04
283	0.24217	6.48E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
284	0.20747	6.48E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
285	0.17975	6.48E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03
286	0.15729	6.48E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.18E-10	1.0E+06	9.2E-04
287	0.13889	6.48E-03	9.0E-04	1.05E-03	9.41E-07	8.61E-04	8.10E-10	1.0E+06	8.1E-04
288	0.12364	6.48E-03	8.0E-04	1.05E-03	8.38E-07	8.61E-04	7.21E-10	1.0E+06	7.2E-04
289	0.11087	6.48E-03	7.2E-04	1.05E-03	7.51E-07	8.61E-04	6.47E-10	1.0E+06	6.5E-04
290	0.21717	6.48E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
291	0.18712	6.48E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
292	0.16301	6.48E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.51E-10	1.0E+06	9.5E-04
293	0.14338	6.48E-03	9.3E-04	1.05E-03	9.71E-07	8.61E-04	8.37E-10	1.0E+06	8.4E-04
294	0.12722	6.48E-03	8.2E-04	1.05E-03	8.62E-07	8.61E-04	7.42E-10	1.0E+06	7.4E-04
295	0.11377	6.48E-03	7.4E-04	1.05E-03	7.71E-07	8.61E-04	6.64E-10	1.0E+06	6.6E-04
296	0.10245	6.48E-03	6.6E-04	1.05E-03	6.94E-07	8.61E-04	5.98E-10	1.0E+06	6.0E-04
297	0.19421	6.48E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
298	0.16853	6.48E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.83E-10	1.0E+06	9.8E-04
299	0.14776	6.48E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.62E-10	1.0E+06	8.6E-04
300	0.13075	6.48E-03	8.5E-04	1.05E-03	8.86E-07	8.61E-04	7.63E-10	1.0E+06	7.6E-04
301	0.11664	6.48E-03	7.6E-04	1.05E-03	7.90E-07	8.61E-04	6.81E-10	1.0E+06	6.8E-04
302	0.10482	6.48E-03	6.8E-04	1.05E-03	7.10E-07	8.61E-04	6.12E-10	1.0E+06	6.1E-04
303	0.09481	6.48E-03	6.1E-04	1.05E-03	6.42E-07	8.61E-04	5.53E-10	1.0E+06	5.5E-04
304	0.17406	6.48E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
305	0.15221	6.48E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.88E-10	1.0E+06	8.9E-04
306	0.13437	6.48E-03	8.7E-04	1.05E-03	9.10E-07	8.61E-04	7.84E-10	1.0E+06	7.8E-04
307	0.11961	6.48E-03	7.8E-04	1.05E-03	8.10E-07	8.61E-04	6.98E-10	1.0E+06	7.0E-04
308	0.10729	6.48E-03	7.0E-04	1.05E-03	7.27E-07	8.61E-04	6.26E-10	1.0E+06	6.3E-04
309	0.09688	6.48E-03	6.3E-04	1.05E-03	6.56E-07	8.61E-04	5.65E-10	1.0E+06	5.7E-04
310	0.08801	6.48E-03	5.7E-04	1.05E-03	5.96E-07	8.61E-04	5.13E-10	1.0E+06	5.1E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.15699	6.48E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.16E-10	1.0E+06	9.2E-04
312	0.13826	6.48E-03	9.0E-04	1.05E-03	9.37E-07	8.61E-04	8.07E-10	1.0E+06	8.1E-04
313	0.12283	6.48E-03	8.0E-04	1.05E-03	8.32E-07	8.61E-04	7.17E-10	1.0E+06	7.2E-04
314	0.10997	6.48E-03	7.1E-04	1.05E-03	7.45E-07	8.61E-04	6.42E-10	1.0E+06	6.4E-04
315	0.09913	6.48E-03	6.4E-04	1.05E-03	6.72E-07	8.61E-04	5.78E-10	1.0E+06	5.8E-04
316	0.08993	6.48E-03	5.8E-04	1.05E-03	6.09E-07	8.61E-04	5.25E-10	1.0E+06	5.2E-04
317	0.08203	6.48E-03	5.3E-04	1.05E-03	5.56E-07	8.61E-04	4.79E-10	1.0E+06	4.8E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Building Construction Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	6.69E-05
2	5	7.00E-05
3	5	7.09E-05
4	5	9.17E-05
5	5	9.46E-05
6	5	9.74E-05
7	5	1.00E-04
8	5	1.03E-04
9	5	1.06E-04
10	5	1.09E-04
11	5	1.12E-04
12	5	1.17E-04
13	5	1.22E-04
14	5	1.29E-04
15	5	1.36E-04
16	5	1.45E-04
17	5	1.54E-04
18	5	1.63E-04
19	5	1.73E-04
20	5	1.81E-04
21	5	1.89E-04
22	5	1.95E-04
23	5	2.00E-04
24	5	2.02E-04
25	5	2.03E-04
26	5	7.19E-05
27	5	7.54E-05
28	5	7.66E-05
29	5	1.02E-04
30	5	1.05E-04
31	5	1.09E-04

Max	Receptor #
0.004	224

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	1.12E-04
33	5	1.15E-04
34	5	1.19E-04
35	5	1.23E-04
36	5	1.27E-04
37	5	1.33E-04
38	5	1.40E-04
39	5	1.48E-04
40	5	1.58E-04
41	5	1.69E-04
42	5	1.80E-04
43	5	1.91E-04
44	5	2.02E-04
45	5	2.12E-04
46	5	2.19E-04
47	5	2.25E-04
48	5	2.28E-04
49	5	2.29E-04
50	5	2.27E-04
51	5	7.76E-05
52	5	8.16E-05
53	5	8.31E-05
54	5	1.13E-04
55	5	1.18E-04
56	5	1.22E-04
57	5	1.26E-04
58	5	1.31E-04
59	5	1.35E-04
60	5	1.40E-04
61	5	1.46E-04
62	5	1.53E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	1.62E-04
64	5	1.73E-04
65	5	1.85E-04
66	5	1.99E-04
67	5	2.13E-04
68	5	2.27E-04
69	5	2.39E-04
70	5	2.49E-04
71	5	2.56E-04
72	5	2.60E-04
73	5	2.60E-04
74	5	2.58E-04
75	5	2.53E-04
76	5	8.41E-05
77	5	8.87E-05
78	5	9.07E-05
79	5	1.27E-04
80	5	1.33E-04
81	5	1.39E-04
82	5	1.44E-04
83	5	1.49E-04
84	5	1.55E-04
85	5	1.61E-04
86	5	1.69E-04
87	5	1.79E-04
88	5	1.91E-04
89	5	2.05E-04
90	5	2.21E-04
91	5	2.39E-04
92	5	2.56E-04
93	5	2.71E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	2.84E-04
95	5	2.94E-04
96	5	2.99E-04
97	5	2.99E-04
98	5	2.96E-04
99	5	2.89E-04
100	5	2.79E-04
101	5	9.15E-05
102	5	9.68E-05
103	5	9.95E-05
104	5	1.44E-04
105	5	1.52E-04
106	5	1.59E-04
107	5	1.66E-04
108	5	1.73E-04
109	5	1.80E-04
110	5	1.88E-04
111	5	1.99E-04
112	5	2.12E-04
113	5	2.28E-04
114	5	2.47E-04
115	5	2.69E-04
116	5	2.91E-04
117	5	3.11E-04
118	5	3.28E-04
119	5	3.41E-04
120	5	3.48E-04
121	5	3.48E-04
122	5	3.43E-04
123	5	3.34E-04
124	5	3.20E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	9.99E-05
126	5	1.06E-04
127	5	1.10E-04
128	5	1.75E-04
129	5	1.84E-04
130	5	1.94E-04
131	5	2.03E-04
132	5	2.12E-04
133	5	2.24E-04
134	5	2.38E-04
135	5	2.56E-04
136	5	2.78E-04
137	5	3.05E-04
138	5	3.33E-04
139	5	3.60E-04
140	5	3.84E-04
141	5	4.01E-04
142	5	4.10E-04
143	5	4.11E-04
144	5	4.04E-04
145	5	3.90E-04
146	5	3.72E-04
147	5	1.10E-04
148	5	1.17E-04
149	5	1.22E-04
150	5	2.04E-04
151	5	2.17E-04
152	5	2.29E-04
153	5	2.41E-04
154	5	2.54E-04
155	5	2.71E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	2.91E-04
157	5	3.16E-04
158	5	3.48E-04
159	5	3.85E-04
160	5	4.21E-04
161	5	4.54E-04
162	5	4.78E-04
163	5	4.91E-04
164	5	4.92E-04
165	5	4.82E-04
166	5	4.63E-04
167	5	4.37E-04
168	5	4.08E-04
169	5	1.20E-04
170	5	1.29E-04
171	5	1.37E-04
172	5	1.44E-04
173	5	2.41E-04
174	5	2.59E-04
175	5	2.76E-04
176	5	2.93E-04
177	5	3.12E-04
178	5	3.35E-04
179	5	3.63E-04
180	5	4.01E-04
181	5	4.48E-04
182	5	4.98E-04
183	5	5.59E-04
184	5	5.22E-04
185	5	1.43E-04
186	5	1.54E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	1.63E-04
188	5	2.89E-04
189	5	3.14E-04
190	5	3.40E-04
191	5	3.65E-04
192	5	3.93E-04
193	5	4.25E-04
194	5	4.69E-04
195	5	5.27E-04
196	5	5.96E-04
197	5	6.65E-04
198	5	1.72E-04
199	5	1.86E-04
200	5	1.93E-04
201	5	2.12E-04
202	5	2.31E-04
203	5	2.42E-04
204	5	2.71E-04
205	5	3.02E-04
206	5	3.14E-04
207	5	3.58E-04
208	5	4.11E-04
209	5	3.61E-04
210	5	4.25E-04
211	5	4.99E-04
212	5	4.97E-04
213	5	6.08E-04
214	5	7.43E-04
215	5	5.76E-04
216	5	7.24E-04
217	5	9.16E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	1.13E-03
219	5	1.56E-03
220	5	1.37E-03
221	5	1.96E-03
222	5	1.60E-03
223	5	2.29E-03
224	5	3.55E-03
225	5	2.36E-03
226	5	3.34E-03
227	5	2.01E-04
228	5	1.77E-04
229	5	1.57E-04
230	5	1.41E-04
231	5	1.83E-04
232	5	1.62E-04
233	5	1.45E-04
234	5	1.31E-04
235	5	1.67E-04
236	5	1.49E-04
237	5	1.34E-04
238	5	1.22E-04
239	5	1.80E-03
240	5	1.50E-03
241	5	1.27E-03
242	5	1.08E-03
243	5	1.54E-03
244	5	1.31E-03
245	5	1.12E-03
246	5	9.64E-04
247	5	1.33E-03
248	5	1.14E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Building Construction Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
249	5	9.88E-04
250	5	8.61E-04
251	5	4.66E-04
252	5	4.24E-04
253	5	5.68E-04
254	5	5.15E-04
255	5	4.28E-04
256	5	3.92E-04
257	5	3.06E-04
258	5	5.13E-04
259	5	4.68E-04
260	5	4.29E-04
261	5	3.93E-04
262	5	3.62E-04
263	5	2.86E-04
264	5	4.27E-04
265	5	3.93E-04
266	5	3.63E-04
267	5	3.35E-04
268	5	2.68E-04
269	5	3.77E-04
270	5	3.22E-04
271	5	2.78E-04
272	5	2.42E-04
273	5	2.12E-04
274	5	1.88E-04
275	5	1.68E-04
276	5	3.47E-04
277	5	2.96E-04
278	5	2.56E-04
279	5	2.23E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	1.96E-04
281	5	1.74E-04
282	5	1.55E-04
283	5	3.14E-04
284	5	2.69E-04
285	5	2.33E-04
286	5	2.04E-04
287	5	1.80E-04
288	5	1.60E-04
289	5	1.44E-04
290	5	2.82E-04
291	5	2.43E-04
292	5	2.11E-04
293	5	1.86E-04
294	5	1.65E-04
295	5	1.48E-04
296	5	1.33E-04
297	5	2.52E-04
298	5	2.19E-04
299	5	1.92E-04
300	5	1.70E-04
301	5	1.51E-04
302	5	1.36E-04
303	5	1.23E-04
304	5	2.26E-04
305	5	1.97E-04
306	5	1.74E-04
307	5	1.55E-04
308	5	1.39E-04
309	5	1.26E-04
310	5	1.14E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	2.04E-04
312	5	1.79E-04
313	5	1.59E-04
314	5	1.43E-04
315	5	1.29E-04
316	5	1.17E-04
317	5	1.06E-04

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Parcel 2-G: Unmitigated - Parcel 2 - Paving



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

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**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.0526	3.89E-03	2.0E-04	1.05E-03	2.14E-07	8.61E-04	1.84E-10	1.0E+06	1.8E-04
2	0.05508	3.89E-03	2.1E-04	1.05E-03	2.24E-07	8.61E-04	1.93E-10	1.0E+06	1.9E-04
3	0.05579	3.89E-03	2.2E-04	1.05E-03	2.27E-07	8.61E-04	1.95E-10	1.0E+06	2.0E-04
4	0.07244	3.89E-03	2.8E-04	1.05E-03	2.94E-07	8.61E-04	2.53E-10	1.0E+06	2.5E-04
5	0.07481	3.89E-03	2.9E-04	1.05E-03	3.04E-07	8.61E-04	2.62E-10	1.0E+06	2.6E-04
6	0.07706	3.89E-03	3.0E-04	1.05E-03	3.13E-07	8.61E-04	2.69E-10	1.0E+06	2.7E-04
7	0.07922	3.89E-03	3.1E-04	1.05E-03	3.22E-07	8.61E-04	2.77E-10	1.0E+06	2.8E-04
8	0.08139	3.89E-03	3.2E-04	1.05E-03	3.31E-07	8.61E-04	2.85E-10	1.0E+06	2.8E-04
9	0.08368	3.89E-03	3.3E-04	1.05E-03	3.40E-07	8.61E-04	2.93E-10	1.0E+06	2.9E-04
10	0.08623	3.89E-03	3.4E-04	1.05E-03	3.50E-07	8.61E-04	3.02E-10	1.0E+06	3.0E-04
11	0.08922	3.89E-03	3.5E-04	1.05E-03	3.62E-07	8.61E-04	3.12E-10	1.0E+06	3.1E-04
12	0.09286	3.89E-03	3.6E-04	1.05E-03	3.77E-07	8.61E-04	3.25E-10	1.0E+06	3.2E-04
13	0.09749	3.89E-03	3.8E-04	1.05E-03	3.96E-07	8.61E-04	3.41E-10	1.0E+06	3.4E-04
14	0.10289	3.89E-03	4.0E-04	1.05E-03	4.18E-07	8.61E-04	3.60E-10	1.0E+06	3.6E-04
15	0.10909	3.89E-03	4.2E-04	1.05E-03	4.43E-07	8.61E-04	3.82E-10	1.0E+06	3.8E-04
16	0.11612	3.89E-03	4.5E-04	1.05E-03	4.72E-07	8.61E-04	4.06E-10	1.0E+06	4.1E-04
17	0.1236	3.89E-03	4.8E-04	1.05E-03	5.02E-07	8.61E-04	4.32E-10	1.0E+06	4.3E-04
18	0.13111	3.89E-03	5.1E-04	1.05E-03	5.32E-07	8.61E-04	4.59E-10	1.0E+06	4.6E-04
19	0.13842	3.89E-03	5.4E-04	1.05E-03	5.62E-07	8.61E-04	4.84E-10	1.0E+06	4.8E-04
20	0.14514	3.89E-03	5.6E-04	1.05E-03	5.89E-07	8.61E-04	5.08E-10	1.0E+06	5.1E-04
21	0.1509	3.89E-03	5.9E-04	1.05E-03	6.13E-07	8.61E-04	5.28E-10	1.0E+06	5.3E-04
22	0.15542	3.89E-03	6.0E-04	1.05E-03	6.31E-07	8.61E-04	5.44E-10	1.0E+06	5.4E-04
23	0.15847	3.89E-03	6.2E-04	1.05E-03	6.44E-07	8.61E-04	5.54E-10	1.0E+06	5.5E-04
24	0.15995	3.89E-03	6.2E-04	1.05E-03	6.50E-07	8.61E-04	5.59E-10	1.0E+06	5.6E-04
25	0.15985	3.89E-03	6.2E-04	1.05E-03	6.49E-07	8.61E-04	5.59E-10	1.0E+06	5.6E-04
26	0.0566	3.89E-03	2.2E-04	1.05E-03	2.30E-07	8.61E-04	1.98E-10	1.0E+06	2.0E-04
27	0.05942	3.89E-03	2.3E-04	1.05E-03	2.41E-07	8.61E-04	2.08E-10	1.0E+06	2.1E-04
28	0.06033	3.89E-03	2.3E-04	1.05E-03	2.45E-07	8.61E-04	2.11E-10	1.0E+06	2.1E-04
29	0.08043	3.89E-03	3.1E-04	1.05E-03	3.27E-07	8.61E-04	2.81E-10	1.0E+06	2.8E-04
30	0.08337	3.89E-03	3.2E-04	1.05E-03	3.39E-07	8.61E-04	2.92E-10	1.0E+06	2.9E-04
31	0.08618	3.89E-03	3.3E-04	1.05E-03	3.50E-07	8.61E-04	3.01E-10	1.0E+06	3.0E-04

<b>Max</b>	<b>Receptor #</b>
0.010	224

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
32	0.08888	3.89E-03	3.5E-04	1.05E-03	3.61E-07	8.61E-04	3.11E-10	1.0E+06	3.1E-04
33	0.09155	3.89E-03	3.6E-04	1.05E-03	3.72E-07	8.61E-04	3.20E-10	1.0E+06	3.2E-04
34	0.09438	3.89E-03	3.7E-04	1.05E-03	3.83E-07	8.61E-04	3.30E-10	1.0E+06	3.3E-04
35	0.09755	3.89E-03	3.8E-04	1.05E-03	3.96E-07	8.61E-04	3.41E-10	1.0E+06	3.4E-04
36	0.10131	3.89E-03	3.9E-04	1.05E-03	4.11E-07	8.61E-04	3.54E-10	1.0E+06	3.5E-04
37	0.10615	3.89E-03	4.1E-04	1.05E-03	4.31E-07	8.61E-04	3.71E-10	1.0E+06	3.7E-04
38	0.11211	3.89E-03	4.4E-04	1.05E-03	4.55E-07	8.61E-04	3.92E-10	1.0E+06	3.9E-04
39	0.11894	3.89E-03	4.6E-04	1.05E-03	4.83E-07	8.61E-04	4.16E-10	1.0E+06	4.2E-04
40	0.12688	3.89E-03	4.9E-04	1.05E-03	5.15E-07	8.61E-04	4.44E-10	1.0E+06	4.4E-04
41	0.13577	3.89E-03	5.3E-04	1.05E-03	5.51E-07	8.61E-04	4.75E-10	1.0E+06	4.7E-04
42	0.14489	3.89E-03	5.6E-04	1.05E-03	5.88E-07	8.61E-04	5.07E-10	1.0E+06	5.1E-04
43	0.15387	3.89E-03	6.0E-04	1.05E-03	6.25E-07	8.61E-04	5.38E-10	1.0E+06	5.4E-04
44	0.16223	3.89E-03	6.3E-04	1.05E-03	6.59E-07	8.61E-04	5.67E-10	1.0E+06	5.7E-04
45	0.16946	3.89E-03	6.6E-04	1.05E-03	6.88E-07	8.61E-04	5.93E-10	1.0E+06	5.9E-04
46	0.17514	3.89E-03	6.8E-04	1.05E-03	7.11E-07	8.61E-04	6.12E-10	1.0E+06	6.1E-04
47	0.17895	3.89E-03	7.0E-04	1.05E-03	7.27E-07	8.61E-04	6.26E-10	1.0E+06	6.3E-04
48	0.18074	3.89E-03	7.0E-04	1.05E-03	7.34E-07	8.61E-04	6.32E-10	1.0E+06	6.3E-04
49	0.1805	3.89E-03	7.0E-04	1.05E-03	7.33E-07	8.61E-04	6.31E-10	1.0E+06	6.3E-04
50	0.17836	3.89E-03	6.9E-04	1.05E-03	7.24E-07	8.61E-04	6.24E-10	1.0E+06	6.2E-04
51	0.06115	3.89E-03	2.4E-04	1.05E-03	2.48E-07	8.61E-04	2.14E-10	1.0E+06	2.1E-04
52	0.06437	3.89E-03	2.5E-04	1.05E-03	2.61E-07	8.61E-04	2.25E-10	1.0E+06	2.3E-04
53	0.06555	3.89E-03	2.5E-04	1.05E-03	2.66E-07	8.61E-04	2.29E-10	1.0E+06	2.3E-04
54	0.08992	3.89E-03	3.5E-04	1.05E-03	3.65E-07	8.61E-04	3.14E-10	1.0E+06	3.1E-04
55	0.09362	3.89E-03	3.6E-04	1.05E-03	3.80E-07	8.61E-04	3.27E-10	1.0E+06	3.3E-04
56	0.09713	3.89E-03	3.8E-04	1.05E-03	3.94E-07	8.61E-04	3.40E-10	1.0E+06	3.4E-04
57	0.10053	3.89E-03	3.9E-04	1.05E-03	4.08E-07	8.61E-04	3.52E-10	1.0E+06	3.5E-04
58	0.1039	3.89E-03	4.0E-04	1.05E-03	4.22E-07	8.61E-04	3.63E-10	1.0E+06	3.6E-04
59	0.10748	3.89E-03	4.2E-04	1.05E-03	4.37E-07	8.61E-04	3.76E-10	1.0E+06	3.8E-04
60	0.11152	3.89E-03	4.3E-04	1.05E-03	4.53E-07	8.61E-04	3.90E-10	1.0E+06	3.9E-04
61	0.11636	3.89E-03	4.5E-04	1.05E-03	4.73E-07	8.61E-04	4.07E-10	1.0E+06	4.1E-04
62	0.12277	3.89E-03	4.8E-04	1.05E-03	4.99E-07	8.61E-04	4.29E-10	1.0E+06	4.3E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.13045	3.89E-03	5.1E-04	1.05E-03	5.30E-07	8.61E-04	4.56E-10	1.0E+06	4.6E-04
64	0.13941	3.89E-03	5.4E-04	1.05E-03	5.66E-07	8.61E-04	4.88E-10	1.0E+06	4.9E-04
65	0.14968	3.89E-03	5.8E-04	1.05E-03	6.08E-07	8.61E-04	5.23E-10	1.0E+06	5.2E-04
66	0.16092	3.89E-03	6.3E-04	1.05E-03	6.54E-07	8.61E-04	5.63E-10	1.0E+06	5.6E-04
67	0.17205	3.89E-03	6.7E-04	1.05E-03	6.99E-07	8.61E-04	6.02E-10	1.0E+06	6.0E-04
68	0.18258	3.89E-03	7.1E-04	1.05E-03	7.42E-07	8.61E-04	6.39E-10	1.0E+06	6.4E-04
69	0.1918	3.89E-03	7.5E-04	1.05E-03	7.79E-07	8.61E-04	6.71E-10	1.0E+06	6.7E-04
70	0.19907	3.89E-03	7.7E-04	1.05E-03	8.09E-07	8.61E-04	6.96E-10	1.0E+06	7.0E-04
71	0.20392	3.89E-03	7.9E-04	1.05E-03	8.28E-07	8.61E-04	7.13E-10	1.0E+06	7.1E-04
72	0.20614	3.89E-03	8.0E-04	1.05E-03	8.37E-07	8.61E-04	7.21E-10	1.0E+06	7.2E-04
73	0.2057	3.89E-03	8.0E-04	1.05E-03	8.35E-07	8.61E-04	7.19E-10	1.0E+06	7.2E-04
74	0.2028	3.89E-03	7.9E-04	1.05E-03	8.24E-07	8.61E-04	7.09E-10	1.0E+06	7.1E-04
75	0.19774	3.89E-03	7.7E-04	1.05E-03	8.03E-07	8.61E-04	6.92E-10	1.0E+06	6.9E-04
76	0.06633	3.89E-03	2.6E-04	1.05E-03	2.69E-07	8.61E-04	2.32E-10	1.0E+06	2.3E-04
77	0.07002	3.89E-03	2.7E-04	1.05E-03	2.84E-07	8.61E-04	2.45E-10	1.0E+06	2.4E-04
78	0.07164	3.89E-03	2.8E-04	1.05E-03	2.91E-07	8.61E-04	2.51E-10	1.0E+06	2.5E-04
79	0.10128	3.89E-03	3.9E-04	1.05E-03	4.11E-07	8.61E-04	3.54E-10	1.0E+06	3.5E-04
80	0.10599	3.89E-03	4.1E-04	1.05E-03	4.30E-07	8.61E-04	3.71E-10	1.0E+06	3.7E-04
81	0.11048	3.89E-03	4.3E-04	1.05E-03	4.49E-07	8.61E-04	3.86E-10	1.0E+06	3.9E-04
82	0.11482	3.89E-03	4.5E-04	1.05E-03	4.66E-07	8.61E-04	4.02E-10	1.0E+06	4.0E-04
83	0.11915	3.89E-03	4.6E-04	1.05E-03	4.84E-07	8.61E-04	4.17E-10	1.0E+06	4.2E-04
84	0.12375	3.89E-03	4.8E-04	1.05E-03	5.03E-07	8.61E-04	4.33E-10	1.0E+06	4.3E-04
85	0.12901	3.89E-03	5.0E-04	1.05E-03	5.24E-07	8.61E-04	4.51E-10	1.0E+06	4.5E-04
86	0.13583	3.89E-03	5.3E-04	1.05E-03	5.52E-07	8.61E-04	4.75E-10	1.0E+06	4.8E-04
87	0.14415	3.89E-03	5.6E-04	1.05E-03	5.85E-07	8.61E-04	5.04E-10	1.0E+06	5.0E-04
88	0.15414	3.89E-03	6.0E-04	1.05E-03	6.26E-07	8.61E-04	5.39E-10	1.0E+06	5.4E-04
89	0.16607	3.89E-03	6.5E-04	1.05E-03	6.74E-07	8.61E-04	5.81E-10	1.0E+06	5.8E-04
90	0.17952	3.89E-03	7.0E-04	1.05E-03	7.29E-07	8.61E-04	6.28E-10	1.0E+06	6.3E-04
91	0.1936	3.89E-03	7.5E-04	1.05E-03	7.86E-07	8.61E-04	6.77E-10	1.0E+06	6.8E-04
92	0.20704	3.89E-03	8.0E-04	1.05E-03	8.41E-07	8.61E-04	7.24E-10	1.0E+06	7.2E-04
93	0.21899	3.89E-03	8.5E-04	1.05E-03	8.89E-07	8.61E-04	7.66E-10	1.0E+06	7.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.22847	3.89E-03	8.9E-04	1.05E-03	9.28E-07	8.61E-04	7.99E-10	1.0E+06	8.0E-04
95	0.2348	3.89E-03	9.1E-04	1.05E-03	9.54E-07	8.61E-04	8.21E-10	1.0E+06	8.2E-04
96	0.23762	3.89E-03	9.2E-04	1.05E-03	9.65E-07	8.61E-04	8.31E-10	1.0E+06	8.3E-04
97	0.2369	3.89E-03	9.2E-04	1.05E-03	9.62E-07	8.61E-04	8.28E-10	1.0E+06	8.3E-04
98	0.23292	3.89E-03	9.1E-04	1.05E-03	9.46E-07	8.61E-04	8.15E-10	1.0E+06	8.1E-04
99	0.22616	3.89E-03	8.8E-04	1.05E-03	9.19E-07	8.61E-04	7.91E-10	1.0E+06	7.9E-04
100	0.21722	3.89E-03	8.4E-04	1.05E-03	8.82E-07	8.61E-04	7.60E-10	1.0E+06	7.6E-04
101	0.07226	3.89E-03	2.8E-04	1.05E-03	2.93E-07	8.61E-04	2.53E-10	1.0E+06	2.5E-04
102	0.07655	3.89E-03	3.0E-04	1.05E-03	3.11E-07	8.61E-04	2.68E-10	1.0E+06	2.7E-04
103	0.07876	3.89E-03	3.1E-04	1.05E-03	3.20E-07	8.61E-04	2.75E-10	1.0E+06	2.8E-04
104	0.11504	3.89E-03	4.5E-04	1.05E-03	4.67E-07	8.61E-04	4.02E-10	1.0E+06	4.0E-04
105	0.12115	3.89E-03	4.7E-04	1.05E-03	4.92E-07	8.61E-04	4.24E-10	1.0E+06	4.2E-04
106	0.127	3.89E-03	4.9E-04	1.05E-03	5.16E-07	8.61E-04	4.44E-10	1.0E+06	4.4E-04
107	0.13266	3.89E-03	5.2E-04	1.05E-03	5.39E-07	8.61E-04	4.64E-10	1.0E+06	4.6E-04
108	0.13832	3.89E-03	5.4E-04	1.05E-03	5.62E-07	8.61E-04	4.84E-10	1.0E+06	4.8E-04
109	0.14434	3.89E-03	5.6E-04	1.05E-03	5.86E-07	8.61E-04	5.05E-10	1.0E+06	5.0E-04
110	0.15143	3.89E-03	5.9E-04	1.05E-03	6.15E-07	8.61E-04	5.30E-10	1.0E+06	5.3E-04
111	0.16082	3.89E-03	6.2E-04	1.05E-03	6.53E-07	8.61E-04	5.62E-10	1.0E+06	5.6E-04
112	0.17179	3.89E-03	6.7E-04	1.05E-03	6.98E-07	8.61E-04	6.01E-10	1.0E+06	6.0E-04
113	0.18546	3.89E-03	7.2E-04	1.05E-03	7.53E-07	8.61E-04	6.49E-10	1.0E+06	6.5E-04
114	0.20158	3.89E-03	7.8E-04	1.05E-03	8.19E-07	8.61E-04	7.05E-10	1.0E+06	7.0E-04
115	0.21918	3.89E-03	8.5E-04	1.05E-03	8.90E-07	8.61E-04	7.66E-10	1.0E+06	7.7E-04
116	0.23669	3.89E-03	9.2E-04	1.05E-03	9.61E-07	8.61E-04	8.28E-10	1.0E+06	8.3E-04
117	0.25245	3.89E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.83E-10	1.0E+06	8.8E-04
118	0.26513	3.89E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.27E-10	1.0E+06	9.3E-04
119	0.27359	3.89E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.57E-10	1.0E+06	9.6E-04
120	0.27727	3.89E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.70E-10	1.0E+06	9.7E-04
121	0.27613	3.89E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.66E-10	1.0E+06	9.7E-04
122	0.27061	3.89E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.46E-10	1.0E+06	9.5E-04
123	0.26143	3.89E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.14E-10	1.0E+06	9.1E-04
124	0.2495	3.89E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.73E-10	1.0E+06	8.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
125	0.07903	3.89E-03	3.1E-04	1.05E-03	3.21E-07	8.61E-04	2.76E-10	1.0E+06	2.8E-04
126	0.08406	3.89E-03	3.3E-04	1.05E-03	3.41E-07	8.61E-04	2.94E-10	1.0E+06	2.9E-04
127	0.08703	3.89E-03	3.4E-04	1.05E-03	3.53E-07	8.61E-04	3.04E-10	1.0E+06	3.0E-04
128	0.13998	3.89E-03	5.4E-04	1.05E-03	5.69E-07	8.61E-04	4.90E-10	1.0E+06	4.9E-04
129	0.14778	3.89E-03	5.7E-04	1.05E-03	6.00E-07	8.61E-04	5.17E-10	1.0E+06	5.2E-04
130	0.15534	3.89E-03	6.0E-04	1.05E-03	6.31E-07	8.61E-04	5.43E-10	1.0E+06	5.4E-04
131	0.16286	3.89E-03	6.3E-04	1.05E-03	6.61E-07	8.61E-04	5.70E-10	1.0E+06	5.7E-04
132	0.1709	3.89E-03	6.6E-04	1.05E-03	6.94E-07	8.61E-04	5.98E-10	1.0E+06	6.0E-04
133	0.18094	3.89E-03	7.0E-04	1.05E-03	7.35E-07	8.61E-04	6.33E-10	1.0E+06	6.3E-04
134	0.19343	3.89E-03	7.5E-04	1.05E-03	7.86E-07	8.61E-04	6.76E-10	1.0E+06	6.8E-04
135	0.20884	3.89E-03	8.1E-04	1.05E-03	8.48E-07	8.61E-04	7.30E-10	1.0E+06	7.3E-04
136	0.22799	3.89E-03	8.9E-04	1.05E-03	9.26E-07	8.61E-04	7.97E-10	1.0E+06	8.0E-04
137	0.25	3.89E-03	9.7E-04	1.05E-03	1.02E-06	8.61E-04	8.74E-10	1.0E+06	8.7E-04
138	0.27296	3.89E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.55E-10	1.0E+06	9.5E-04
139	0.29416	3.89E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
140	0.31152	3.89E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
141	0.32318	3.89E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
142	0.32816	3.89E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03
143	0.3264	3.89E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
144	0.31859	3.89E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
145	0.30591	3.89E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
146	0.2897	3.89E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
147	0.08674	3.89E-03	3.4E-04	1.05E-03	3.52E-07	8.61E-04	3.03E-10	1.0E+06	3.0E-04
148	0.09275	3.89E-03	3.6E-04	1.05E-03	3.77E-07	8.61E-04	3.24E-10	1.0E+06	3.2E-04
149	0.09694	3.89E-03	3.8E-04	1.05E-03	3.94E-07	8.61E-04	3.39E-10	1.0E+06	3.4E-04
150	0.16375	3.89E-03	6.4E-04	1.05E-03	6.65E-07	8.61E-04	5.73E-10	1.0E+06	5.7E-04
151	0.17437	3.89E-03	6.8E-04	1.05E-03	7.08E-07	8.61E-04	6.10E-10	1.0E+06	6.1E-04
152	0.18471	3.89E-03	7.2E-04	1.05E-03	7.50E-07	8.61E-04	6.46E-10	1.0E+06	6.5E-04
153	0.195	3.89E-03	7.6E-04	1.05E-03	7.92E-07	8.61E-04	6.82E-10	1.0E+06	6.8E-04
154	0.20604	3.89E-03	8.0E-04	1.05E-03	8.37E-07	8.61E-04	7.21E-10	1.0E+06	7.2E-04
155	0.22067	3.89E-03	8.6E-04	1.05E-03	8.96E-07	8.61E-04	7.72E-10	1.0E+06	7.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
156	0.2378	3.89E-03	9.2E-04	1.05E-03	9.66E-07	8.61E-04	8.32E-10	1.0E+06	8.3E-04
157	0.26013	3.89E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.10E-10	1.0E+06	9.1E-04
158	0.28752	3.89E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
159	0.3177	3.89E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
160	0.34689	3.89E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
161	0.37119	3.89E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
162	0.38785	3.89E-03	1.5E-03	1.05E-03	1.58E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03
163	0.3949	3.89E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
164	0.39222	3.89E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03
165	0.38096	3.89E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03
166	0.36302	3.89E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
167	0.34054	3.89E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
168	0.31553	3.89E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
169	0.09545	3.89E-03	3.7E-04	1.05E-03	3.88E-07	8.61E-04	3.34E-10	1.0E+06	3.3E-04
170	0.10272	3.89E-03	4.0E-04	1.05E-03	4.17E-07	8.61E-04	3.59E-10	1.0E+06	3.6E-04
171	0.10877	3.89E-03	4.2E-04	1.05E-03	4.42E-07	8.61E-04	3.80E-10	1.0E+06	3.8E-04
172	0.11479	3.89E-03	4.5E-04	1.05E-03	4.66E-07	8.61E-04	4.01E-10	1.0E+06	4.0E-04
173	0.19428	3.89E-03	7.5E-04	1.05E-03	7.89E-07	8.61E-04	6.79E-10	1.0E+06	6.8E-04
174	0.20921	3.89E-03	8.1E-04	1.05E-03	8.50E-07	8.61E-04	7.32E-10	1.0E+06	7.3E-04
175	0.22382	3.89E-03	8.7E-04	1.05E-03	9.09E-07	8.61E-04	7.83E-10	1.0E+06	7.8E-04
176	0.23828	3.89E-03	9.3E-04	1.05E-03	9.68E-07	8.61E-04	8.33E-10	1.0E+06	8.3E-04
177	0.25445	3.89E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.90E-10	1.0E+06	8.9E-04
178	0.27496	3.89E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.62E-10	1.0E+06	9.6E-04
179	0.3004	3.89E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03
180	0.3339	3.89E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
181	0.37358	3.89E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
182	0.41443	3.89E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.45E-09	1.0E+06	1.4E-03
183	0.43789	3.89E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.53E-09	1.0E+06	1.5E-03
184	0.406	3.89E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03
185	0.11405	3.89E-03	4.4E-04	1.05E-03	4.63E-07	8.61E-04	3.99E-10	1.0E+06	4.0E-04
186	0.12245	3.89E-03	4.8E-04	1.05E-03	4.97E-07	8.61E-04	4.28E-10	1.0E+06	4.3E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
187	0.12996	3.89E-03	5.0E-04	1.05E-03	5.28E-07	8.61E-04	4.54E-10	1.0E+06	4.5E-04
188	0.23416	3.89E-03	9.1E-04	1.05E-03	9.51E-07	8.61E-04	8.19E-10	1.0E+06	8.2E-04
189	0.25587	3.89E-03	9.9E-04	1.05E-03	1.04E-06	8.61E-04	8.95E-10	1.0E+06	8.9E-04
190	0.27731	3.89E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.70E-10	1.0E+06	9.7E-04
191	0.29865	3.89E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
192	0.32364	3.89E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
193	0.35304	3.89E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
194	0.39277	3.89E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03
195	0.44439	3.89E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.6E-03
196	0.50218	3.89E-03	2.0E-03	1.05E-03	2.04E-06	8.61E-04	1.76E-09	1.0E+06	1.8E-03
197	0.55555	3.89E-03	2.2E-03	1.05E-03	2.26E-06	8.61E-04	1.94E-09	1.0E+06	1.9E-03
198	0.13699	3.89E-03	5.3E-04	1.05E-03	5.56E-07	8.61E-04	4.79E-10	1.0E+06	4.8E-04
199	0.14866	3.89E-03	5.8E-04	1.05E-03	6.04E-07	8.61E-04	5.20E-10	1.0E+06	5.2E-04
200	0.15412	3.89E-03	6.0E-04	1.05E-03	6.26E-07	8.61E-04	5.39E-10	1.0E+06	5.4E-04
201	0.17021	3.89E-03	6.6E-04	1.05E-03	6.91E-07	8.61E-04	5.95E-10	1.0E+06	6.0E-04
202	0.18554	3.89E-03	7.2E-04	1.05E-03	7.54E-07	8.61E-04	6.49E-10	1.0E+06	6.5E-04
203	0.19382	3.89E-03	7.5E-04	1.05E-03	7.87E-07	8.61E-04	6.78E-10	1.0E+06	6.8E-04
204	0.21811	3.89E-03	8.5E-04	1.05E-03	8.86E-07	8.61E-04	7.63E-10	1.0E+06	7.6E-04
205	0.24412	3.89E-03	9.5E-04	1.05E-03	9.91E-07	8.61E-04	8.54E-10	1.0E+06	8.5E-04
206	0.25326	3.89E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.86E-10	1.0E+06	8.9E-04
207	0.29046	3.89E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
208	0.33606	3.89E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
209	0.29177	3.89E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
210	0.34571	3.89E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
211	0.40855	3.89E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03
212	0.40507	3.89E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03
213	0.50013	3.89E-03	1.9E-03	1.05E-03	2.03E-06	8.61E-04	1.75E-09	1.0E+06	1.7E-03
214	0.61755	3.89E-03	2.4E-03	1.05E-03	2.51E-06	8.61E-04	2.16E-09	1.0E+06	2.2E-03
215	0.47125	3.89E-03	1.8E-03	1.05E-03	1.91E-06	8.61E-04	1.65E-09	1.0E+06	1.6E-03
216	0.59804	3.89E-03	2.3E-03	1.05E-03	2.43E-06	8.61E-04	2.09E-09	1.0E+06	2.1E-03
217	0.76606	3.89E-03	3.0E-03	1.05E-03	3.11E-06	8.61E-04	2.68E-09	1.0E+06	2.7E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
218	0.94632	3.89E-03	3.7E-03	1.05E-03	3.84E-06	8.61E-04	3.31E-09	1.0E+06	3.3E-03
219	1.33913	3.89E-03	5.2E-03	1.05E-03	5.44E-06	8.61E-04	4.68E-09	1.0E+06	4.7E-03
220	1.14859	3.89E-03	4.5E-03	1.05E-03	4.66E-06	8.61E-04	4.02E-09	1.0E+06	4.0E-03
221	1.65264	3.89E-03	6.4E-03	1.05E-03	6.71E-06	8.61E-04	5.78E-09	1.0E+06	5.8E-03
222	1.30624	3.89E-03	5.1E-03	1.05E-03	5.31E-06	8.61E-04	4.57E-09	1.0E+06	4.6E-03
223	1.8635	3.89E-03	7.2E-03	1.05E-03	7.57E-06	8.61E-04	6.52E-09	1.0E+06	6.5E-03
224	2.84888	3.89E-03	1.1E-02	1.05E-03	1.16E-05	8.61E-04	9.96E-09	1.0E+06	1.0E-02
225	1.8363	3.89E-03	7.1E-03	1.05E-03	7.46E-06	8.61E-04	6.42E-09	1.0E+06	6.4E-03
226	2.54488	3.89E-03	9.9E-03	1.05E-03	1.03E-05	8.61E-04	8.90E-09	1.0E+06	8.9E-03
227	0.15047	3.89E-03	5.8E-04	1.05E-03	6.11E-07	8.61E-04	5.26E-10	1.0E+06	5.3E-04
228	0.13295	3.89E-03	5.2E-04	1.05E-03	5.40E-07	8.61E-04	4.65E-10	1.0E+06	4.6E-04
229	0.1184	3.89E-03	4.6E-04	1.05E-03	4.81E-07	8.61E-04	4.14E-10	1.0E+06	4.1E-04
230	0.10621	3.89E-03	4.1E-04	1.05E-03	4.31E-07	8.61E-04	3.71E-10	1.0E+06	3.7E-04
231	0.13722	3.89E-03	5.3E-04	1.05E-03	5.57E-07	8.61E-04	4.80E-10	1.0E+06	4.8E-04
232	0.1221	3.89E-03	4.7E-04	1.05E-03	4.96E-07	8.61E-04	4.27E-10	1.0E+06	4.3E-04
233	0.10942	3.89E-03	4.3E-04	1.05E-03	4.44E-07	8.61E-04	3.83E-10	1.0E+06	3.8E-04
234	0.09869	3.89E-03	3.8E-04	1.05E-03	4.01E-07	8.61E-04	3.45E-10	1.0E+06	3.5E-04
235	0.12548	3.89E-03	4.9E-04	1.05E-03	5.10E-07	8.61E-04	4.39E-10	1.0E+06	4.4E-04
236	0.11244	3.89E-03	4.4E-04	1.05E-03	4.57E-07	8.61E-04	3.93E-10	1.0E+06	3.9E-04
237	0.10137	3.89E-03	3.9E-04	1.05E-03	4.12E-07	8.61E-04	3.55E-10	1.0E+06	3.5E-04
238	0.09191	3.89E-03	3.6E-04	1.05E-03	3.73E-07	8.61E-04	3.21E-10	1.0E+06	3.2E-04
239	1.2979	3.89E-03	5.0E-03	1.05E-03	5.27E-06	8.61E-04	4.54E-09	1.0E+06	4.5E-03
240	1.0859	3.89E-03	4.2E-03	1.05E-03	4.41E-06	8.61E-04	3.80E-09	1.0E+06	3.8E-03
241	0.92078	3.89E-03	3.6E-03	1.05E-03	3.74E-06	8.61E-04	3.22E-09	1.0E+06	3.2E-03
242	0.78986	3.89E-03	3.1E-03	1.05E-03	3.21E-06	8.61E-04	2.76E-09	1.0E+06	2.8E-03
243	1.1129	3.89E-03	4.3E-03	1.05E-03	4.52E-06	8.61E-04	3.89E-09	1.0E+06	3.9E-03
244	0.94507	3.89E-03	3.7E-03	1.05E-03	3.84E-06	8.61E-04	3.31E-09	1.0E+06	3.3E-03
245	0.81129	3.89E-03	3.2E-03	1.05E-03	3.29E-06	8.61E-04	2.84E-09	1.0E+06	2.8E-03
246	0.70317	3.89E-03	2.7E-03	1.05E-03	2.86E-06	8.61E-04	2.46E-09	1.0E+06	2.5E-03
247	0.9621	3.89E-03	3.7E-03	1.05E-03	3.91E-06	8.61E-04	3.36E-09	1.0E+06	3.4E-03
248	0.82801	3.89E-03	3.2E-03	1.05E-03	3.36E-06	8.61E-04	2.90E-09	1.0E+06	2.9E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
249	0.7188	3.89E-03	2.8E-03	1.05E-03	2.92E-06	8.61E-04	2.51E-09	1.0E+06	2.5E-03
250	0.62886	3.89E-03	2.4E-03	1.05E-03	2.55E-06	8.61E-04	2.20E-09	1.0E+06	2.2E-03
251	0.34357	3.89E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
252	0.3136	3.89E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
253	0.41633	3.89E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
254	0.37861	3.89E-03	1.5E-03	1.05E-03	1.54E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
255	0.31584	3.89E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
256	0.28972	3.89E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
257	0.22762	3.89E-03	8.8E-04	1.05E-03	9.24E-07	8.61E-04	7.96E-10	1.0E+06	8.0E-04
258	0.37705	3.89E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
259	0.34502	3.89E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
260	0.31638	3.89E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
261	0.29088	3.89E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
262	0.2681	3.89E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.38E-10	1.0E+06	9.4E-04
263	0.21312	3.89E-03	8.3E-04	1.05E-03	8.66E-07	8.61E-04	7.45E-10	1.0E+06	7.5E-04
264	0.31517	3.89E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
265	0.29058	3.89E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
266	0.26843	3.89E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.39E-10	1.0E+06	9.4E-04
267	0.24848	3.89E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.69E-10	1.0E+06	8.7E-04
268	0.19981	3.89E-03	7.8E-04	1.05E-03	8.12E-07	8.61E-04	6.99E-10	1.0E+06	7.0E-04
269	0.28208	3.89E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.86E-10	1.0E+06	9.9E-04
270	0.24135	3.89E-03	9.4E-04	1.05E-03	9.80E-07	8.61E-04	8.44E-10	1.0E+06	8.4E-04
271	0.20849	3.89E-03	8.1E-04	1.05E-03	8.47E-07	8.61E-04	7.29E-10	1.0E+06	7.3E-04
272	0.18172	3.89E-03	7.1E-04	1.05E-03	7.38E-07	8.61E-04	6.35E-10	1.0E+06	6.4E-04
273	0.15972	3.89E-03	6.2E-04	1.05E-03	6.49E-07	8.61E-04	5.59E-10	1.0E+06	5.6E-04
274	0.14149	3.89E-03	5.5E-04	1.05E-03	5.75E-07	8.61E-04	4.95E-10	1.0E+06	4.9E-04
275	0.12624	3.89E-03	4.9E-04	1.05E-03	5.13E-07	8.61E-04	4.41E-10	1.0E+06	4.4E-04
276	0.25908	3.89E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.06E-10	1.0E+06	9.1E-04
277	0.22163	3.89E-03	8.6E-04	1.05E-03	9.00E-07	8.61E-04	7.75E-10	1.0E+06	7.8E-04
278	0.19164	3.89E-03	7.4E-04	1.05E-03	7.78E-07	8.61E-04	6.70E-10	1.0E+06	6.7E-04
279	0.16731	3.89E-03	6.5E-04	1.05E-03	6.80E-07	8.61E-04	5.85E-10	1.0E+06	5.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.14739	3.89E-03	5.7E-04	1.05E-03	5.99E-07	8.61E-04	5.15E-10	1.0E+06	5.2E-04
281	0.13089	3.89E-03	5.1E-04	1.05E-03	5.32E-07	8.61E-04	4.58E-10	1.0E+06	4.6E-04
282	0.11709	3.89E-03	4.5E-04	1.05E-03	4.76E-07	8.61E-04	4.09E-10	1.0E+06	4.1E-04
283	0.2344	3.89E-03	9.1E-04	1.05E-03	9.52E-07	8.61E-04	8.20E-10	1.0E+06	8.2E-04
284	0.20119	3.89E-03	7.8E-04	1.05E-03	8.17E-07	8.61E-04	7.04E-10	1.0E+06	7.0E-04
285	0.17461	3.89E-03	6.8E-04	1.05E-03	7.09E-07	8.61E-04	6.11E-10	1.0E+06	6.1E-04
286	0.15304	3.89E-03	5.9E-04	1.05E-03	6.22E-07	8.61E-04	5.35E-10	1.0E+06	5.4E-04
287	0.13533	3.89E-03	5.3E-04	1.05E-03	5.50E-07	8.61E-04	4.73E-10	1.0E+06	4.7E-04
288	0.12064	3.89E-03	4.7E-04	1.05E-03	4.90E-07	8.61E-04	4.22E-10	1.0E+06	4.2E-04
289	0.10831	3.89E-03	4.2E-04	1.05E-03	4.40E-07	8.61E-04	3.79E-10	1.0E+06	3.8E-04
290	0.21027	3.89E-03	8.2E-04	1.05E-03	8.54E-07	8.61E-04	7.35E-10	1.0E+06	7.4E-04
291	0.18154	3.89E-03	7.1E-04	1.05E-03	7.37E-07	8.61E-04	6.35E-10	1.0E+06	6.3E-04
292	0.15843	3.89E-03	6.2E-04	1.05E-03	6.43E-07	8.61E-04	5.54E-10	1.0E+06	5.5E-04
293	0.13959	3.89E-03	5.4E-04	1.05E-03	5.67E-07	8.61E-04	4.88E-10	1.0E+06	4.9E-04
294	0.12404	3.89E-03	4.8E-04	1.05E-03	5.04E-07	8.61E-04	4.34E-10	1.0E+06	4.3E-04
295	0.11108	3.89E-03	4.3E-04	1.05E-03	4.51E-07	8.61E-04	3.88E-10	1.0E+06	3.9E-04
296	0.10016	3.89E-03	3.9E-04	1.05E-03	4.07E-07	8.61E-04	3.50E-10	1.0E+06	3.5E-04
297	0.18826	3.89E-03	7.3E-04	1.05E-03	7.65E-07	8.61E-04	6.58E-10	1.0E+06	6.6E-04
298	0.1637	3.89E-03	6.4E-04	1.05E-03	6.65E-07	8.61E-04	5.72E-10	1.0E+06	5.7E-04
299	0.14378	3.89E-03	5.6E-04	1.05E-03	5.84E-07	8.61E-04	5.03E-10	1.0E+06	5.0E-04
300	0.12743	3.89E-03	5.0E-04	1.05E-03	5.18E-07	8.61E-04	4.46E-10	1.0E+06	4.5E-04
301	0.11385	3.89E-03	4.4E-04	1.05E-03	4.62E-07	8.61E-04	3.98E-10	1.0E+06	4.0E-04
302	0.10244	3.89E-03	4.0E-04	1.05E-03	4.16E-07	8.61E-04	3.58E-10	1.0E+06	3.6E-04
303	0.09277	3.89E-03	3.6E-04	1.05E-03	3.77E-07	8.61E-04	3.24E-10	1.0E+06	3.2E-04
304	0.16902	3.89E-03	6.6E-04	1.05E-03	6.86E-07	8.61E-04	5.91E-10	1.0E+06	5.9E-04
305	0.14807	3.89E-03	5.8E-04	1.05E-03	6.01E-07	8.61E-04	5.18E-10	1.0E+06	5.2E-04
306	0.13093	3.89E-03	5.1E-04	1.05E-03	5.32E-07	8.61E-04	4.58E-10	1.0E+06	4.6E-04
307	0.11673	3.89E-03	4.5E-04	1.05E-03	4.74E-07	8.61E-04	4.08E-10	1.0E+06	4.1E-04
308	0.10484	3.89E-03	4.1E-04	1.05E-03	4.26E-07	8.61E-04	3.67E-10	1.0E+06	3.7E-04
309	0.09478	3.89E-03	3.7E-04	1.05E-03	3.85E-07	8.61E-04	3.31E-10	1.0E+06	3.3E-04
310	0.08621	3.89E-03	3.3E-04	1.05E-03	3.50E-07	8.61E-04	3.01E-10	1.0E+06	3.0E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.15271	3.89E-03	5.9E-04	1.05E-03	6.20E-07	8.61E-04	5.34E-10	1.0E+06	5.3E-04
312	0.13471	3.89E-03	5.2E-04	1.05E-03	5.47E-07	8.61E-04	4.71E-10	1.0E+06	4.7E-04
313	0.11986	3.89E-03	4.7E-04	1.05E-03	4.87E-07	8.61E-04	4.19E-10	1.0E+06	4.2E-04
314	0.10746	3.89E-03	4.2E-04	1.05E-03	4.36E-07	8.61E-04	3.76E-10	1.0E+06	3.8E-04
315	0.09699	3.89E-03	3.8E-04	1.05E-03	3.94E-07	8.61E-04	3.39E-10	1.0E+06	3.4E-04
316	0.08808	3.89E-03	3.4E-04	1.05E-03	3.58E-07	8.61E-04	3.08E-10	1.0E+06	3.1E-04
317	0.08043	3.89E-03	3.1E-04	1.05E-03	3.27E-07	8.61E-04	2.81E-10	1.0E+06	2.8E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Paving Risk**

<b>Chronic Non Cancer Risk</b>		
<b>Receptor #</b>	<b>REL</b>	<b>HI</b>
1	5	4.09E-05
2	5	4.28E-05
3	5	4.34E-05
4	5	5.63E-05
5	5	5.81E-05
6	5	5.99E-05
7	5	6.16E-05
8	5	6.33E-05
9	5	6.50E-05
10	5	6.70E-05
11	5	6.93E-05
12	5	7.22E-05
13	5	7.58E-05
14	5	8.00E-05
15	5	8.48E-05
16	5	9.02E-05
17	5	9.61E-05
18	5	1.02E-04
19	5	1.08E-04
20	5	1.13E-04
21	5	1.17E-04
22	5	1.21E-04
23	5	1.23E-04
24	5	1.24E-04
25	5	1.24E-04
26	5	4.40E-05
27	5	4.62E-05
28	5	4.69E-05
29	5	6.25E-05
30	5	6.48E-05
31	5	6.70E-05

<b>Max</b>	<b>Receptor #</b>
0.002	224

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	6.91E-05
33	5	7.11E-05
34	5	7.33E-05
35	5	7.58E-05
36	5	7.87E-05
37	5	8.25E-05
38	5	8.71E-05
39	5	9.24E-05
40	5	9.86E-05
41	5	1.06E-04
42	5	1.13E-04
43	5	1.20E-04
44	5	1.26E-04
45	5	1.32E-04
46	5	1.36E-04
47	5	1.39E-04
48	5	1.40E-04
49	5	1.40E-04
50	5	1.39E-04
51	5	4.75E-05
52	5	5.00E-05
53	5	5.09E-05
54	5	6.99E-05
55	5	7.28E-05
56	5	7.55E-05
57	5	7.81E-05
58	5	8.07E-05
59	5	8.35E-05
60	5	8.67E-05
61	5	9.04E-05
62	5	9.54E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	1.01E-04
64	5	1.08E-04
65	5	1.16E-04
66	5	1.25E-04
67	5	1.34E-04
68	5	1.42E-04
69	5	1.49E-04
70	5	1.55E-04
71	5	1.58E-04
72	5	1.60E-04
73	5	1.60E-04
74	5	1.58E-04
75	5	1.54E-04
76	5	5.15E-05
77	5	5.44E-05
78	5	5.57E-05
79	5	7.87E-05
80	5	8.24E-05
81	5	8.59E-05
82	5	8.92E-05
83	5	9.26E-05
84	5	9.62E-05
85	5	1.00E-04
86	5	1.06E-04
87	5	1.12E-04
88	5	1.20E-04
89	5	1.29E-04
90	5	1.40E-04
91	5	1.50E-04
92	5	1.61E-04
93	5	1.70E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	1.78E-04
95	5	1.82E-04
96	5	1.85E-04
97	5	1.84E-04
98	5	1.81E-04
99	5	1.76E-04
100	5	1.69E-04
101	5	5.62E-05
102	5	5.95E-05
103	5	6.12E-05
104	5	8.94E-05
105	5	9.42E-05
106	5	9.87E-05
107	5	1.03E-04
108	5	1.07E-04
109	5	1.12E-04
110	5	1.18E-04
111	5	1.25E-04
112	5	1.34E-04
113	5	1.44E-04
114	5	1.57E-04
115	5	1.70E-04
116	5	1.84E-04
117	5	1.96E-04
118	5	2.06E-04
119	5	2.13E-04
120	5	2.15E-04
121	5	2.15E-04
122	5	2.10E-04
123	5	2.03E-04
124	5	1.94E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	6.14E-05
126	5	6.53E-05
127	5	6.76E-05
128	5	1.09E-04
129	5	1.15E-04
130	5	1.21E-04
131	5	1.27E-04
132	5	1.33E-04
133	5	1.41E-04
134	5	1.50E-04
135	5	1.62E-04
136	5	1.77E-04
137	5	1.94E-04
138	5	2.12E-04
139	5	2.29E-04
140	5	2.42E-04
141	5	2.51E-04
142	5	2.55E-04
143	5	2.54E-04
144	5	2.48E-04
145	5	2.38E-04
146	5	2.25E-04
147	5	6.74E-05
148	5	7.21E-05
149	5	7.53E-05
150	5	1.27E-04
151	5	1.36E-04
152	5	1.44E-04
153	5	1.52E-04
154	5	1.60E-04
155	5	1.71E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	1.85E-04
157	5	2.02E-04
158	5	2.23E-04
159	5	2.47E-04
160	5	2.70E-04
161	5	2.88E-04
162	5	3.01E-04
163	5	3.07E-04
164	5	3.05E-04
165	5	2.96E-04
166	5	2.82E-04
167	5	2.65E-04
168	5	2.45E-04
169	5	7.42E-05
170	5	7.98E-05
171	5	8.45E-05
172	5	8.92E-05
173	5	1.51E-04
174	5	1.63E-04
175	5	1.74E-04
176	5	1.85E-04
177	5	1.98E-04
178	5	2.14E-04
179	5	2.33E-04
180	5	2.59E-04
181	5	2.90E-04
182	5	3.22E-04
183	5	3.40E-04
184	5	3.16E-04
185	5	8.86E-05
186	5	9.52E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	1.01E-04
188	5	1.82E-04
189	5	1.99E-04
190	5	2.16E-04
191	5	2.32E-04
192	5	2.52E-04
193	5	2.74E-04
194	5	3.05E-04
195	5	3.45E-04
196	5	3.90E-04
197	5	4.32E-04
198	5	1.06E-04
199	5	1.16E-04
200	5	1.20E-04
201	5	1.32E-04
202	5	1.44E-04
203	5	1.51E-04
204	5	1.70E-04
205	5	1.90E-04
206	5	1.97E-04
207	5	2.26E-04
208	5	2.61E-04
209	5	2.27E-04
210	5	2.69E-04
211	5	3.18E-04
212	5	3.15E-04
213	5	3.89E-04
214	5	4.80E-04
215	5	3.66E-04
216	5	4.65E-04
217	5	5.95E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	7.35E-04
219	5	1.04E-03
220	5	8.93E-04
221	5	1.28E-03
222	5	1.02E-03
223	5	1.45E-03
224	5	2.21E-03
225	5	1.43E-03
226	5	1.98E-03
227	5	1.17E-04
228	5	1.03E-04
229	5	9.20E-05
230	5	8.25E-05
231	5	1.07E-04
232	5	9.49E-05
233	5	8.50E-05
234	5	7.67E-05
235	5	9.75E-05
236	5	8.74E-05
237	5	7.88E-05
238	5	7.14E-05
239	5	1.01E-03
240	5	8.44E-04
241	5	7.16E-04
242	5	6.14E-04
243	5	8.65E-04
244	5	7.34E-04
245	5	6.30E-04
246	5	5.46E-04
247	5	7.48E-04
248	5	6.43E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	5.59E-04
250	5	4.89E-04
251	5	2.67E-04
252	5	2.44E-04
253	5	3.24E-04
254	5	2.94E-04
255	5	2.45E-04
256	5	2.25E-04
257	5	1.77E-04
258	5	2.93E-04
259	5	2.68E-04
260	5	2.46E-04
261	5	2.26E-04
262	5	2.08E-04
263	5	1.66E-04
264	5	2.45E-04
265	5	2.26E-04
266	5	2.09E-04
267	5	1.93E-04
268	5	1.55E-04
269	5	2.19E-04
270	5	1.88E-04
271	5	1.62E-04
272	5	1.41E-04
273	5	1.24E-04
274	5	1.10E-04
275	5	9.81E-05
276	5	2.01E-04
277	5	1.72E-04
278	5	1.49E-04
279	5	1.30E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	1.15E-04
281	5	1.02E-04
282	5	9.10E-05
283	5	1.82E-04
284	5	1.56E-04
285	5	1.36E-04
286	5	1.19E-04
287	5	1.05E-04
288	5	9.38E-05
289	5	8.42E-05
290	5	1.63E-04
291	5	1.41E-04
292	5	1.23E-04
293	5	1.08E-04
294	5	9.64E-05
295	5	8.63E-05
296	5	7.78E-05
297	5	1.46E-04
298	5	1.27E-04
299	5	1.12E-04
300	5	9.90E-05
301	5	8.85E-05
302	5	7.96E-05
303	5	7.21E-05
304	5	1.31E-04
305	5	1.15E-04
306	5	1.02E-04
307	5	9.07E-05
308	5	8.15E-05
309	5	7.37E-05
310	5	6.70E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	1.19E-04
312	5	1.05E-04
313	5	9.31E-05
314	5	8.35E-05
315	5	7.54E-05
316	5	6.85E-05
317	5	6.25E-05



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Parcel 2-H: Unmitigated - Parcel 2 - Architectural Coating Risk

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05159	8.92E-04	4.6E-05	1.05E-03	4.81E-08	8.61E-04	4.14E-11	1.0E+06	4.1E-05
2	0.05399	8.92E-04	4.8E-05	1.05E-03	5.03E-08	8.61E-04	4.33E-11	1.0E+06	4.3E-05
3	0.05468	8.92E-04	4.9E-05	1.05E-03	5.10E-08	8.61E-04	4.39E-11	1.0E+06	4.4E-05
4	0.07073	8.92E-04	6.3E-05	1.05E-03	6.59E-08	8.61E-04	5.68E-11	1.0E+06	5.7E-05
5	0.073	8.92E-04	6.5E-05	1.05E-03	6.81E-08	8.61E-04	5.86E-11	1.0E+06	5.9E-05
6	0.07516	8.92E-04	6.7E-05	1.05E-03	7.01E-08	8.61E-04	6.03E-11	1.0E+06	6.0E-05
7	0.07722	8.92E-04	6.9E-05	1.05E-03	7.20E-08	8.61E-04	6.20E-11	1.0E+06	6.2E-05
8	0.07928	8.92E-04	7.1E-05	1.05E-03	7.39E-08	8.61E-04	6.36E-11	1.0E+06	6.4E-05
9	0.08144	8.92E-04	7.3E-05	1.05E-03	7.59E-08	8.61E-04	6.54E-11	1.0E+06	6.5E-05
10	0.08382	8.92E-04	7.5E-05	1.05E-03	7.82E-08	8.61E-04	6.73E-11	1.0E+06	6.7E-05
11	0.08659	8.92E-04	7.7E-05	1.05E-03	8.07E-08	8.61E-04	6.95E-11	1.0E+06	7.0E-05
12	0.08996	8.92E-04	8.0E-05	1.05E-03	8.39E-08	8.61E-04	7.22E-11	1.0E+06	7.2E-05
13	0.09423	8.92E-04	8.4E-05	1.05E-03	8.79E-08	8.61E-04	7.57E-11	1.0E+06	7.6E-05
14	0.09924	8.92E-04	8.9E-05	1.05E-03	9.25E-08	8.61E-04	7.97E-11	1.0E+06	8.0E-05
15	0.10503	8.92E-04	9.4E-05	1.05E-03	9.79E-08	8.61E-04	8.43E-11	1.0E+06	8.4E-05
16	0.11166	8.92E-04	1.0E-04	1.05E-03	1.04E-07	8.61E-04	8.96E-11	1.0E+06	9.0E-05
17	0.1188	8.92E-04	1.1E-04	1.05E-03	1.11E-07	8.61E-04	9.54E-11	1.0E+06	9.5E-05
18	0.12605	8.92E-04	1.1E-04	1.05E-03	1.18E-07	8.61E-04	1.01E-10	1.0E+06	1.0E-04
19	0.13321	8.92E-04	1.2E-04	1.05E-03	1.24E-07	8.61E-04	1.07E-10	1.0E+06	1.1E-04
20	0.13992	8.92E-04	1.2E-04	1.05E-03	1.30E-07	8.61E-04	1.12E-10	1.0E+06	1.1E-04
21	0.14583	8.92E-04	1.3E-04	1.05E-03	1.36E-07	8.61E-04	1.17E-10	1.0E+06	1.2E-04
22	0.15064	8.92E-04	1.3E-04	1.05E-03	1.40E-07	8.61E-04	1.21E-10	1.0E+06	1.2E-04
23	0.15409	8.92E-04	1.4E-04	1.05E-03	1.44E-07	8.61E-04	1.24E-10	1.0E+06	1.2E-04
24	0.15606	8.92E-04	1.4E-04	1.05E-03	1.46E-07	8.61E-04	1.25E-10	1.0E+06	1.3E-04
25	0.15651	8.92E-04	1.4E-04	1.05E-03	1.46E-07	8.61E-04	1.26E-10	1.0E+06	1.3E-04
26	0.05546	8.92E-04	4.9E-05	1.05E-03	5.17E-08	8.61E-04	4.45E-11	1.0E+06	4.5E-05
27	0.05818	8.92E-04	5.2E-05	1.05E-03	5.42E-08	8.61E-04	4.67E-11	1.0E+06	4.7E-05
28	0.05906	8.92E-04	5.3E-05	1.05E-03	5.51E-08	8.61E-04	4.74E-11	1.0E+06	4.7E-05
29	0.07839	8.92E-04	7.0E-05	1.05E-03	7.31E-08	8.61E-04	6.29E-11	1.0E+06	6.3E-05
30	0.08121	8.92E-04	7.2E-05	1.05E-03	7.57E-08	8.61E-04	6.52E-11	1.0E+06	6.5E-05
31	0.08389	8.92E-04	7.5E-05	1.05E-03	7.82E-08	8.61E-04	6.74E-11	1.0E+06	6.7E-05

<b>Max</b>	<b>Receptor #</b>
0.00220	224

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.08645	8.92E-04	7.7E-05	1.05E-03	8.06E-08	8.61E-04	6.94E-11	1.0E+06	6.9E-05
33	0.08898	8.92E-04	7.9E-05	1.05E-03	8.30E-08	8.61E-04	7.14E-11	1.0E+06	7.1E-05
34	0.09163	8.92E-04	8.2E-05	1.05E-03	8.54E-08	8.61E-04	7.36E-11	1.0E+06	7.4E-05
35	0.09459	8.92E-04	8.4E-05	1.05E-03	8.82E-08	8.61E-04	7.59E-11	1.0E+06	7.6E-05
36	0.09804	8.92E-04	8.7E-05	1.05E-03	9.14E-08	8.61E-04	7.87E-11	1.0E+06	7.9E-05
37	0.10249	8.92E-04	9.1E-05	1.05E-03	9.56E-08	8.61E-04	8.23E-11	1.0E+06	8.2E-05
38	0.10797	8.92E-04	9.6E-05	1.05E-03	1.01E-07	8.61E-04	8.67E-11	1.0E+06	8.7E-05
39	0.11429	8.92E-04	1.0E-04	1.05E-03	1.07E-07	8.61E-04	9.18E-11	1.0E+06	9.2E-05
40	0.12169	8.92E-04	1.1E-04	1.05E-03	1.13E-07	8.61E-04	9.77E-11	1.0E+06	9.8E-05
41	0.1301	8.92E-04	1.2E-04	1.05E-03	1.21E-07	8.61E-04	1.04E-10	1.0E+06	1.0E-04
42	0.13883	8.92E-04	1.2E-04	1.05E-03	1.29E-07	8.61E-04	1.11E-10	1.0E+06	1.1E-04
43	0.14757	8.92E-04	1.3E-04	1.05E-03	1.38E-07	8.61E-04	1.18E-10	1.0E+06	1.2E-04
44	0.15587	8.92E-04	1.4E-04	1.05E-03	1.45E-07	8.61E-04	1.25E-10	1.0E+06	1.3E-04
45	0.16325	8.92E-04	1.5E-04	1.05E-03	1.52E-07	8.61E-04	1.31E-10	1.0E+06	1.3E-04
46	0.16928	8.92E-04	1.5E-04	1.05E-03	1.58E-07	8.61E-04	1.36E-10	1.0E+06	1.4E-04
47	0.1736	8.92E-04	1.5E-04	1.05E-03	1.62E-07	8.61E-04	1.39E-10	1.0E+06	1.4E-04
48	0.17603	8.92E-04	1.6E-04	1.05E-03	1.64E-07	8.61E-04	1.41E-10	1.0E+06	1.4E-04
49	0.1765	8.92E-04	1.6E-04	1.05E-03	1.65E-07	8.61E-04	1.42E-10	1.0E+06	1.4E-04
50	0.17508	8.92E-04	1.6E-04	1.05E-03	1.63E-07	8.61E-04	1.41E-10	1.0E+06	1.4E-04
51	0.05984	8.92E-04	5.3E-05	1.05E-03	5.58E-08	8.61E-04	4.80E-11	1.0E+06	4.8E-05
52	0.06295	8.92E-04	5.6E-05	1.05E-03	5.87E-08	8.61E-04	5.05E-11	1.0E+06	5.1E-05
53	0.06408	8.92E-04	5.7E-05	1.05E-03	5.97E-08	8.61E-04	5.14E-11	1.0E+06	5.1E-05
54	0.08746	8.92E-04	7.8E-05	1.05E-03	8.15E-08	8.61E-04	7.02E-11	1.0E+06	7.0E-05
55	0.09099	8.92E-04	8.1E-05	1.05E-03	8.48E-08	8.61E-04	7.31E-11	1.0E+06	7.3E-05
56	0.09434	8.92E-04	8.4E-05	1.05E-03	8.80E-08	8.61E-04	7.57E-11	1.0E+06	7.6E-05
57	0.09756	8.92E-04	8.7E-05	1.05E-03	9.10E-08	8.61E-04	7.83E-11	1.0E+06	7.8E-05
58	0.10073	8.92E-04	9.0E-05	1.05E-03	9.39E-08	8.61E-04	8.09E-11	1.0E+06	8.1E-05
59	0.10407	8.92E-04	9.3E-05	1.05E-03	9.70E-08	8.61E-04	8.36E-11	1.0E+06	8.4E-05
60	0.1078	8.92E-04	9.6E-05	1.05E-03	1.01E-07	8.61E-04	8.65E-11	1.0E+06	8.7E-05
61	0.11223	8.92E-04	1.0E-04	1.05E-03	1.05E-07	8.61E-04	9.01E-11	1.0E+06	9.0E-05
62	0.11808	8.92E-04	1.1E-04	1.05E-03	1.10E-07	8.61E-04	9.48E-11	1.0E+06	9.5E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
63	0.1251	8.92E-04	1.1E-04	1.05E-03	1.17E-07	8.61E-04	1.00E-10	1.0E+06	1.0E-04
64	0.13336	8.92E-04	1.2E-04	1.05E-03	1.24E-07	8.61E-04	1.07E-10	1.0E+06	1.1E-04
65	0.14295	8.92E-04	1.3E-04	1.05E-03	1.33E-07	8.61E-04	1.15E-10	1.0E+06	1.1E-04
66	0.15361	8.92E-04	1.4E-04	1.05E-03	1.43E-07	8.61E-04	1.23E-10	1.0E+06	1.2E-04
67	0.16435	8.92E-04	1.5E-04	1.05E-03	1.53E-07	8.61E-04	1.32E-10	1.0E+06	1.3E-04
68	0.17474	8.92E-04	1.6E-04	1.05E-03	1.63E-07	8.61E-04	1.40E-10	1.0E+06	1.4E-04
69	0.18409	8.92E-04	1.6E-04	1.05E-03	1.72E-07	8.61E-04	1.48E-10	1.0E+06	1.5E-04
70	0.19178	8.92E-04	1.7E-04	1.05E-03	1.79E-07	8.61E-04	1.54E-10	1.0E+06	1.5E-04
71	0.1973	8.92E-04	1.8E-04	1.05E-03	1.84E-07	8.61E-04	1.58E-10	1.0E+06	1.6E-04
72	0.20035	8.92E-04	1.8E-04	1.05E-03	1.87E-07	8.61E-04	1.61E-10	1.0E+06	1.6E-04
73	0.20084	8.92E-04	1.8E-04	1.05E-03	1.87E-07	8.61E-04	1.61E-10	1.0E+06	1.6E-04
74	0.1989	8.92E-04	1.8E-04	1.05E-03	1.85E-07	8.61E-04	1.60E-10	1.0E+06	1.6E-04
75	0.19477	8.92E-04	1.7E-04	1.05E-03	1.82E-07	8.61E-04	1.56E-10	1.0E+06	1.6E-04
76	0.06483	8.92E-04	5.8E-05	1.05E-03	6.04E-08	8.61E-04	5.20E-11	1.0E+06	5.2E-05
77	0.06839	8.92E-04	6.1E-05	1.05E-03	6.38E-08	8.61E-04	5.49E-11	1.0E+06	5.5E-05
78	0.06993	8.92E-04	6.2E-05	1.05E-03	6.52E-08	8.61E-04	5.61E-11	1.0E+06	5.6E-05
79	0.09829	8.92E-04	8.8E-05	1.05E-03	9.16E-08	8.61E-04	7.89E-11	1.0E+06	7.9E-05
80	0.10277	8.92E-04	9.2E-05	1.05E-03	9.58E-08	8.61E-04	8.25E-11	1.0E+06	8.3E-05
81	0.10702	8.92E-04	9.5E-05	1.05E-03	9.98E-08	8.61E-04	8.59E-11	1.0E+06	8.6E-05
82	0.11111	8.92E-04	9.9E-05	1.05E-03	1.04E-07	8.61E-04	8.92E-11	1.0E+06	8.9E-05
83	0.11518	8.92E-04	1.0E-04	1.05E-03	1.07E-07	8.61E-04	9.25E-11	1.0E+06	9.2E-05
84	0.11945	8.92E-04	1.1E-04	1.05E-03	1.11E-07	8.61E-04	9.59E-11	1.0E+06	9.6E-05
85	0.12426	8.92E-04	1.1E-04	1.05E-03	1.16E-07	8.61E-04	9.98E-11	1.0E+06	1.0E-04
86	0.13047	8.92E-04	1.2E-04	1.05E-03	1.22E-07	8.61E-04	1.05E-10	1.0E+06	1.0E-04
87	0.138	8.92E-04	1.2E-04	1.05E-03	1.29E-07	8.61E-04	1.11E-10	1.0E+06	1.1E-04
88	0.14707	8.92E-04	1.3E-04	1.05E-03	1.37E-07	8.61E-04	1.18E-10	1.0E+06	1.2E-04
89	0.15805	8.92E-04	1.4E-04	1.05E-03	1.47E-07	8.61E-04	1.27E-10	1.0E+06	1.3E-04
90	0.17064	8.92E-04	1.5E-04	1.05E-03	1.59E-07	8.61E-04	1.37E-10	1.0E+06	1.4E-04
91	0.18408	8.92E-04	1.6E-04	1.05E-03	1.72E-07	8.61E-04	1.48E-10	1.0E+06	1.5E-04
92	0.19722	8.92E-04	1.8E-04	1.05E-03	1.84E-07	8.61E-04	1.58E-10	1.0E+06	1.6E-04
93	0.20927	8.92E-04	1.9E-04	1.05E-03	1.95E-07	8.61E-04	1.68E-10	1.0E+06	1.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
94	0.21926	8.92E-04	2.0E-04	1.05E-03	2.04E-07	8.61E-04	1.76E-10	1.0E+06	1.8E-04
95	0.22645	8.92E-04	2.0E-04	1.05E-03	2.11E-07	8.61E-04	1.82E-10	1.0E+06	1.8E-04
96	0.23038	8.92E-04	2.1E-04	1.05E-03	2.15E-07	8.61E-04	1.85E-10	1.0E+06	1.8E-04
97	0.23092	8.92E-04	2.1E-04	1.05E-03	2.15E-07	8.61E-04	1.85E-10	1.0E+06	1.9E-04
98	0.22822	8.92E-04	2.0E-04	1.05E-03	2.13E-07	8.61E-04	1.83E-10	1.0E+06	1.8E-04
99	0.22268	8.92E-04	2.0E-04	1.05E-03	2.08E-07	8.61E-04	1.79E-10	1.0E+06	1.8E-04
100	0.21484	8.92E-04	1.9E-04	1.05E-03	2.00E-07	8.61E-04	1.72E-10	1.0E+06	1.7E-04
101	0.07054	8.92E-04	6.3E-05	1.05E-03	6.58E-08	8.61E-04	5.66E-11	1.0E+06	5.7E-05
102	0.07466	8.92E-04	6.7E-05	1.05E-03	6.96E-08	8.61E-04	5.99E-11	1.0E+06	6.0E-05
103	0.07676	8.92E-04	6.8E-05	1.05E-03	7.16E-08	8.61E-04	6.16E-11	1.0E+06	6.2E-05
104	0.11135	8.92E-04	9.9E-05	1.05E-03	1.04E-07	8.61E-04	8.94E-11	1.0E+06	8.9E-05
105	0.11713	8.92E-04	1.0E-04	1.05E-03	1.09E-07	8.61E-04	9.40E-11	1.0E+06	9.4E-05
106	0.12266	8.92E-04	1.1E-04	1.05E-03	1.14E-07	8.61E-04	9.85E-11	1.0E+06	9.8E-05
107	0.12797	8.92E-04	1.1E-04	1.05E-03	1.19E-07	8.61E-04	1.03E-10	1.0E+06	1.0E-04
108	0.13325	8.92E-04	1.2E-04	1.05E-03	1.24E-07	8.61E-04	1.07E-10	1.0E+06	1.1E-04
109	0.13879	8.92E-04	1.2E-04	1.05E-03	1.29E-07	8.61E-04	1.11E-10	1.0E+06	1.1E-04
110	0.14523	8.92E-04	1.3E-04	1.05E-03	1.35E-07	8.61E-04	1.17E-10	1.0E+06	1.2E-04
111	0.15369	8.92E-04	1.4E-04	1.05E-03	1.43E-07	8.61E-04	1.23E-10	1.0E+06	1.2E-04
112	0.16352	8.92E-04	1.5E-04	1.05E-03	1.52E-07	8.61E-04	1.31E-10	1.0E+06	1.3E-04
113	0.1759	8.92E-04	1.6E-04	1.05E-03	1.64E-07	8.61E-04	1.41E-10	1.0E+06	1.4E-04
114	0.19074	8.92E-04	1.7E-04	1.05E-03	1.78E-07	8.61E-04	1.53E-10	1.0E+06	1.5E-04
115	0.2073	8.92E-04	1.8E-04	1.05E-03	1.93E-07	8.61E-04	1.66E-10	1.0E+06	1.7E-04
116	0.22422	8.92E-04	2.0E-04	1.05E-03	2.09E-07	8.61E-04	1.80E-10	1.0E+06	1.8E-04
117	0.23997	8.92E-04	2.1E-04	1.05E-03	2.24E-07	8.61E-04	1.93E-10	1.0E+06	1.9E-04
118	0.25325	8.92E-04	2.3E-04	1.05E-03	2.36E-07	8.61E-04	2.03E-10	1.0E+06	2.0E-04
119	0.26286	8.92E-04	2.3E-04	1.05E-03	2.45E-07	8.61E-04	2.11E-10	1.0E+06	2.1E-04
120	0.26806	8.92E-04	2.4E-04	1.05E-03	2.50E-07	8.61E-04	2.15E-10	1.0E+06	2.2E-04
121	0.26865	8.92E-04	2.4E-04	1.05E-03	2.50E-07	8.61E-04	2.16E-10	1.0E+06	2.2E-04
122	0.26488	8.92E-04	2.4E-04	1.05E-03	2.47E-07	8.61E-04	2.13E-10	1.0E+06	2.1E-04
123	0.25734	8.92E-04	2.3E-04	1.05E-03	2.40E-07	8.61E-04	2.07E-10	1.0E+06	2.1E-04
124	0.24684	8.92E-04	2.2E-04	1.05E-03	2.30E-07	8.61E-04	1.98E-10	1.0E+06	2.0E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
125	0.07707	8.92E-04	6.9E-05	1.05E-03	7.19E-08	8.61E-04	6.19E-11	1.0E+06	6.2E-05
126	0.08186	8.92E-04	7.3E-05	1.05E-03	7.63E-08	8.61E-04	6.57E-11	1.0E+06	6.6E-05
127	0.08467	8.92E-04	7.6E-05	1.05E-03	7.89E-08	8.61E-04	6.80E-11	1.0E+06	6.8E-05
128	0.1349	8.92E-04	1.2E-04	1.05E-03	1.26E-07	8.61E-04	1.08E-10	1.0E+06	1.1E-04
129	0.14221	8.92E-04	1.3E-04	1.05E-03	1.33E-07	8.61E-04	1.14E-10	1.0E+06	1.1E-04
130	0.14928	8.92E-04	1.3E-04	1.05E-03	1.39E-07	8.61E-04	1.20E-10	1.0E+06	1.2E-04
131	0.15625	8.92E-04	1.4E-04	1.05E-03	1.46E-07	8.61E-04	1.25E-10	1.0E+06	1.3E-04
132	0.16359	8.92E-04	1.5E-04	1.05E-03	1.53E-07	8.61E-04	1.31E-10	1.0E+06	1.3E-04
133	0.17261	8.92E-04	1.5E-04	1.05E-03	1.61E-07	8.61E-04	1.39E-10	1.0E+06	1.4E-04
134	0.18371	8.92E-04	1.6E-04	1.05E-03	1.71E-07	8.61E-04	1.47E-10	1.0E+06	1.5E-04
135	0.19741	8.92E-04	1.8E-04	1.05E-03	1.84E-07	8.61E-04	1.58E-10	1.0E+06	1.6E-04
136	0.2147	8.92E-04	1.9E-04	1.05E-03	2.00E-07	8.61E-04	1.72E-10	1.0E+06	1.7E-04
137	0.23503	8.92E-04	2.1E-04	1.05E-03	2.19E-07	8.61E-04	1.89E-10	1.0E+06	1.9E-04
138	0.25688	8.92E-04	2.3E-04	1.05E-03	2.40E-07	8.61E-04	2.06E-10	1.0E+06	2.1E-04
139	0.27784	8.92E-04	2.5E-04	1.05E-03	2.59E-07	8.61E-04	2.23E-10	1.0E+06	2.2E-04
140	0.29587	8.92E-04	2.6E-04	1.05E-03	2.76E-07	8.61E-04	2.38E-10	1.0E+06	2.4E-04
141	0.30906	8.92E-04	2.8E-04	1.05E-03	2.88E-07	8.61E-04	2.48E-10	1.0E+06	2.5E-04
142	0.31618	8.92E-04	2.8E-04	1.05E-03	2.95E-07	8.61E-04	2.54E-10	1.0E+06	2.5E-04
143	0.31686	8.92E-04	2.8E-04	1.05E-03	2.95E-07	8.61E-04	2.54E-10	1.0E+06	2.5E-04
144	0.31151	8.92E-04	2.8E-04	1.05E-03	2.90E-07	8.61E-04	2.50E-10	1.0E+06	2.5E-04
145	0.30107	8.92E-04	2.7E-04	1.05E-03	2.81E-07	8.61E-04	2.42E-10	1.0E+06	2.4E-04
146	0.28677	8.92E-04	2.6E-04	1.05E-03	2.67E-07	8.61E-04	2.30E-10	1.0E+06	2.3E-04
147	0.0845	8.92E-04	7.5E-05	1.05E-03	7.88E-08	8.61E-04	6.78E-11	1.0E+06	6.8E-05
148	0.09021	8.92E-04	8.0E-05	1.05E-03	8.41E-08	8.61E-04	7.24E-11	1.0E+06	7.2E-05
149	0.09416	8.92E-04	8.4E-05	1.05E-03	8.78E-08	8.61E-04	7.56E-11	1.0E+06	7.6E-05
150	0.1572	8.92E-04	1.4E-04	1.05E-03	1.47E-07	8.61E-04	1.26E-10	1.0E+06	1.3E-04
151	0.1671	8.92E-04	1.5E-04	1.05E-03	1.56E-07	8.61E-04	1.34E-10	1.0E+06	1.3E-04
152	0.1767	8.92E-04	1.6E-04	1.05E-03	1.65E-07	8.61E-04	1.42E-10	1.0E+06	1.4E-04
153	0.18616	8.92E-04	1.7E-04	1.05E-03	1.74E-07	8.61E-04	1.49E-10	1.0E+06	1.5E-04
154	0.19613	8.92E-04	1.7E-04	1.05E-03	1.83E-07	8.61E-04	1.57E-10	1.0E+06	1.6E-04
155	0.20913	8.92E-04	1.9E-04	1.05E-03	1.95E-07	8.61E-04	1.68E-10	1.0E+06	1.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.2241	8.92E-04	2.0E-04	1.05E-03	2.09E-07	8.61E-04	1.80E-10	1.0E+06	1.8E-04
157	0.24379	8.92E-04	2.2E-04	1.05E-03	2.27E-07	8.61E-04	1.96E-10	1.0E+06	2.0E-04
158	0.26851	8.92E-04	2.4E-04	1.05E-03	2.50E-07	8.61E-04	2.16E-10	1.0E+06	2.2E-04
159	0.29664	8.92E-04	2.6E-04	1.05E-03	2.77E-07	8.61E-04	2.38E-10	1.0E+06	2.4E-04
160	0.32501	8.92E-04	2.9E-04	1.05E-03	3.03E-07	8.61E-04	2.61E-10	1.0E+06	2.6E-04
161	0.35	8.92E-04	3.1E-04	1.05E-03	3.26E-07	8.61E-04	2.81E-10	1.0E+06	2.8E-04
162	0.36875	8.92E-04	3.3E-04	1.05E-03	3.44E-07	8.61E-04	2.96E-10	1.0E+06	3.0E-04
163	0.37891	8.92E-04	3.4E-04	1.05E-03	3.53E-07	8.61E-04	3.04E-10	1.0E+06	3.0E-04
164	0.37979	8.92E-04	3.4E-04	1.05E-03	3.54E-07	8.61E-04	3.05E-10	1.0E+06	3.0E-04
165	0.37205	8.92E-04	3.3E-04	1.05E-03	3.47E-07	8.61E-04	2.99E-10	1.0E+06	3.0E-04
166	0.35726	8.92E-04	3.2E-04	1.05E-03	3.33E-07	8.61E-04	2.87E-10	1.0E+06	2.9E-04
167	0.33738	8.92E-04	3.0E-04	1.05E-03	3.15E-07	8.61E-04	2.71E-10	1.0E+06	2.7E-04
168	0.31436	8.92E-04	2.8E-04	1.05E-03	2.93E-07	8.61E-04	2.52E-10	1.0E+06	2.5E-04
169	0.09289	8.92E-04	8.3E-05	1.05E-03	8.66E-08	8.61E-04	7.46E-11	1.0E+06	7.5E-05
170	0.09978	8.92E-04	8.9E-05	1.05E-03	9.30E-08	8.61E-04	8.01E-11	1.0E+06	8.0E-05
171	0.10548	8.92E-04	9.4E-05	1.05E-03	9.83E-08	8.61E-04	8.47E-11	1.0E+06	8.5E-05
172	0.11113	8.92E-04	9.9E-05	1.05E-03	1.04E-07	8.61E-04	8.92E-11	1.0E+06	8.9E-05
173	0.18566	8.92E-04	1.7E-04	1.05E-03	1.73E-07	8.61E-04	1.49E-10	1.0E+06	1.5E-04
174	0.19948	8.92E-04	1.8E-04	1.05E-03	1.86E-07	8.61E-04	1.60E-10	1.0E+06	1.6E-04
175	0.21293	8.92E-04	1.9E-04	1.05E-03	1.99E-07	8.61E-04	1.71E-10	1.0E+06	1.7E-04
176	0.2261	8.92E-04	2.0E-04	1.05E-03	2.11E-07	8.61E-04	1.82E-10	1.0E+06	1.8E-04
177	0.24052	8.92E-04	2.1E-04	1.05E-03	2.24E-07	8.61E-04	1.93E-10	1.0E+06	1.9E-04
178	0.25839	8.92E-04	2.3E-04	1.05E-03	2.41E-07	8.61E-04	2.07E-10	1.0E+06	2.1E-04
179	0.28029	8.92E-04	2.5E-04	1.05E-03	2.61E-07	8.61E-04	2.25E-10	1.0E+06	2.3E-04
180	0.30963	8.92E-04	2.8E-04	1.05E-03	2.89E-07	8.61E-04	2.49E-10	1.0E+06	2.5E-04
181	0.34561	8.92E-04	3.1E-04	1.05E-03	3.22E-07	8.61E-04	2.77E-10	1.0E+06	2.8E-04
182	0.38442	8.92E-04	3.4E-04	1.05E-03	3.58E-07	8.61E-04	3.09E-10	1.0E+06	3.1E-04
183	0.43104	8.92E-04	3.8E-04	1.05E-03	4.02E-07	8.61E-04	3.46E-10	1.0E+06	3.5E-04
184	0.40273	8.92E-04	3.6E-04	1.05E-03	3.76E-07	8.61E-04	3.23E-10	1.0E+06	3.2E-04
185	0.11066	8.92E-04	9.9E-05	1.05E-03	1.03E-07	8.61E-04	8.88E-11	1.0E+06	8.9E-05
186	0.11856	8.92E-04	1.1E-04	1.05E-03	1.11E-07	8.61E-04	9.52E-11	1.0E+06	9.5E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
187	0.12557	8.92E-04	1.1E-04	1.05E-03	1.17E-07	8.61E-04	1.01E-10	1.0E+06	1.0E-04
188	0.22255	8.92E-04	2.0E-04	1.05E-03	2.08E-07	8.61E-04	1.79E-10	1.0E+06	1.8E-04
189	0.24247	8.92E-04	2.2E-04	1.05E-03	2.26E-07	8.61E-04	1.95E-10	1.0E+06	1.9E-04
190	0.26201	8.92E-04	2.3E-04	1.05E-03	2.44E-07	8.61E-04	2.10E-10	1.0E+06	2.1E-04
191	0.28121	8.92E-04	2.5E-04	1.05E-03	2.62E-07	8.61E-04	2.26E-10	1.0E+06	2.3E-04
192	0.30316	8.92E-04	2.7E-04	1.05E-03	2.83E-07	8.61E-04	2.43E-10	1.0E+06	2.4E-04
193	0.32812	8.92E-04	2.9E-04	1.05E-03	3.06E-07	8.61E-04	2.63E-10	1.0E+06	2.6E-04
194	0.36173	8.92E-04	3.2E-04	1.05E-03	3.37E-07	8.61E-04	2.90E-10	1.0E+06	2.9E-04
195	0.4068	8.92E-04	3.6E-04	1.05E-03	3.79E-07	8.61E-04	3.27E-10	1.0E+06	3.3E-04
196	0.45996	8.92E-04	4.1E-04	1.05E-03	4.29E-07	8.61E-04	3.69E-10	1.0E+06	3.7E-04
197	0.51273	8.92E-04	4.6E-04	1.05E-03	4.78E-07	8.61E-04	4.12E-10	1.0E+06	4.1E-04
198	0.13247	8.92E-04	1.2E-04	1.05E-03	1.24E-07	8.61E-04	1.06E-10	1.0E+06	1.1E-04
199	0.14338	8.92E-04	1.3E-04	1.05E-03	1.34E-07	8.61E-04	1.15E-10	1.0E+06	1.2E-04
200	0.14886	8.92E-04	1.3E-04	1.05E-03	1.39E-07	8.61E-04	1.20E-10	1.0E+06	1.2E-04
201	0.16388	8.92E-04	1.5E-04	1.05E-03	1.53E-07	8.61E-04	1.32E-10	1.0E+06	1.3E-04
202	0.17805	8.92E-04	1.6E-04	1.05E-03	1.66E-07	8.61E-04	1.43E-10	1.0E+06	1.4E-04
203	0.18635	8.92E-04	1.7E-04	1.05E-03	1.74E-07	8.61E-04	1.50E-10	1.0E+06	1.5E-04
204	0.20883	8.92E-04	1.9E-04	1.05E-03	1.95E-07	8.61E-04	1.68E-10	1.0E+06	1.7E-04
205	0.23266	8.92E-04	2.1E-04	1.05E-03	2.17E-07	8.61E-04	1.87E-10	1.0E+06	1.9E-04
206	0.24207	8.92E-04	2.2E-04	1.05E-03	2.26E-07	8.61E-04	1.94E-10	1.0E+06	1.9E-04
207	0.2761	8.92E-04	2.5E-04	1.05E-03	2.57E-07	8.61E-04	2.22E-10	1.0E+06	2.2E-04
208	0.31733	8.92E-04	2.8E-04	1.05E-03	2.96E-07	8.61E-04	2.55E-10	1.0E+06	2.5E-04
209	0.27855	8.92E-04	2.5E-04	1.05E-03	2.60E-07	8.61E-04	2.24E-10	1.0E+06	2.2E-04
210	0.32791	8.92E-04	2.9E-04	1.05E-03	3.06E-07	8.61E-04	2.63E-10	1.0E+06	2.6E-04
211	0.3845	8.92E-04	3.4E-04	1.05E-03	3.59E-07	8.61E-04	3.09E-10	1.0E+06	3.1E-04
212	0.3834	8.92E-04	3.4E-04	1.05E-03	3.57E-07	8.61E-04	3.08E-10	1.0E+06	3.1E-04
213	0.46919	8.92E-04	4.2E-04	1.05E-03	4.37E-07	8.61E-04	3.77E-10	1.0E+06	3.8E-04
214	0.57282	8.92E-04	5.1E-04	1.05E-03	5.34E-07	8.61E-04	4.60E-10	1.0E+06	4.6E-04
215	0.44441	8.92E-04	4.0E-04	1.05E-03	4.14E-07	8.61E-04	3.57E-10	1.0E+06	3.6E-04
216	0.55859	8.92E-04	5.0E-04	1.05E-03	5.21E-07	8.61E-04	4.48E-10	1.0E+06	4.5E-04
217	0.70655	8.92E-04	6.3E-04	1.05E-03	6.59E-07	8.61E-04	5.67E-10	1.0E+06	5.7E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
218	0.86813	8.92E-04	7.7E-04	1.05E-03	8.09E-07	8.61E-04	6.97E-10	1.0E+06	7.0E-04
219	1.20541	8.92E-04	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.68E-10	1.0E+06	9.7E-04
220	1.0605	8.92E-04	9.5E-04	1.05E-03	9.89E-07	8.61E-04	8.51E-10	1.0E+06	8.5E-04
221	1.50797	8.92E-04	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
222	1.23662	8.92E-04	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.93E-10	1.0E+06	9.9E-04
223	1.76956	8.92E-04	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03
224	2.73804	8.92E-04	2.4E-03	1.05E-03	2.55E-06	8.61E-04	2.20E-09	1.0E+06	2.2E-03
225	1.81856	8.92E-04	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
226	2.57348	8.92E-04	2.3E-03	1.05E-03	2.40E-06	8.61E-04	2.07E-09	1.0E+06	2.1E-03
227	0.1547	8.92E-04	1.4E-04	1.05E-03	1.44E-07	8.61E-04	1.24E-10	1.0E+06	1.2E-04
228	0.13643	8.92E-04	1.2E-04	1.05E-03	1.27E-07	8.61E-04	1.10E-10	1.0E+06	1.1E-04
229	0.1213	8.92E-04	1.1E-04	1.05E-03	1.13E-07	8.61E-04	9.74E-11	1.0E+06	9.7E-05
230	0.10865	8.92E-04	9.7E-05	1.05E-03	1.01E-07	8.61E-04	8.72E-11	1.0E+06	8.7E-05
231	0.14095	8.92E-04	1.3E-04	1.05E-03	1.31E-07	8.61E-04	1.13E-10	1.0E+06	1.1E-04
232	0.12519	8.92E-04	1.1E-04	1.05E-03	1.17E-07	8.61E-04	1.01E-10	1.0E+06	1.0E-04
233	0.11202	8.92E-04	1.0E-04	1.05E-03	1.04E-07	8.61E-04	8.99E-11	1.0E+06	9.0E-05
234	0.10088	8.92E-04	9.0E-05	1.05E-03	9.41E-08	8.61E-04	8.10E-11	1.0E+06	8.1E-05
235	0.12879	8.92E-04	1.1E-04	1.05E-03	1.20E-07	8.61E-04	1.03E-10	1.0E+06	1.0E-04
236	0.11521	8.92E-04	1.0E-04	1.05E-03	1.07E-07	8.61E-04	9.25E-11	1.0E+06	9.2E-05
237	0.10371	8.92E-04	9.3E-05	1.05E-03	9.67E-08	8.61E-04	8.33E-11	1.0E+06	8.3E-05
238	0.0939	8.92E-04	8.4E-05	1.05E-03	8.76E-08	8.61E-04	7.54E-11	1.0E+06	7.5E-05
239	1.39024	8.92E-04	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
240	1.1581	8.92E-04	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.30E-10	1.0E+06	9.3E-04
241	0.9782	8.92E-04	8.7E-04	1.05E-03	9.12E-07	8.61E-04	7.85E-10	1.0E+06	7.9E-04
242	0.83619	8.92E-04	7.5E-04	1.05E-03	7.80E-07	8.61E-04	6.71E-10	1.0E+06	6.7E-04
243	1.19113	8.92E-04	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.56E-10	1.0E+06	9.6E-04
244	1.00706	8.92E-04	9.0E-04	1.05E-03	9.39E-07	8.61E-04	8.09E-10	1.0E+06	8.1E-04
245	0.86113	8.92E-04	7.7E-04	1.05E-03	8.03E-07	8.61E-04	6.91E-10	1.0E+06	6.9E-04
246	0.74374	8.92E-04	6.6E-04	1.05E-03	6.93E-07	8.61E-04	5.97E-10	1.0E+06	6.0E-04
247	1.02824	8.92E-04	9.2E-04	1.05E-03	9.59E-07	8.61E-04	8.26E-10	1.0E+06	8.3E-04
248	0.88121	8.92E-04	7.9E-04	1.05E-03	8.22E-07	8.61E-04	7.07E-10	1.0E+06	7.1E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
249	0.76209	8.92E-04	6.8E-04	1.05E-03	7.11E-07	8.61E-04	6.12E-10	1.0E+06	6.1E-04
250	0.66445	8.92E-04	5.9E-04	1.05E-03	6.20E-07	8.61E-04	5.33E-10	1.0E+06	5.3E-04
251	0.35927	8.92E-04	3.2E-04	1.05E-03	3.35E-07	8.61E-04	2.88E-10	1.0E+06	2.9E-04
252	0.32726	8.92E-04	2.9E-04	1.05E-03	3.05E-07	8.61E-04	2.63E-10	1.0E+06	2.6E-04
253	0.43774	8.92E-04	3.9E-04	1.05E-03	4.08E-07	8.61E-04	3.51E-10	1.0E+06	3.5E-04
254	0.39713	8.92E-04	3.5E-04	1.05E-03	3.70E-07	8.61E-04	3.19E-10	1.0E+06	3.2E-04
255	0.32986	8.92E-04	2.9E-04	1.05E-03	3.08E-07	8.61E-04	2.65E-10	1.0E+06	2.6E-04
256	0.302	8.92E-04	2.7E-04	1.05E-03	2.82E-07	8.61E-04	2.42E-10	1.0E+06	2.4E-04
257	0.23606	8.92E-04	2.1E-04	1.05E-03	2.20E-07	8.61E-04	1.90E-10	1.0E+06	1.9E-04
258	0.39573	8.92E-04	3.5E-04	1.05E-03	3.69E-07	8.61E-04	3.18E-10	1.0E+06	3.2E-04
259	0.36132	8.92E-04	3.2E-04	1.05E-03	3.37E-07	8.61E-04	2.90E-10	1.0E+06	2.9E-04
260	0.33064	8.92E-04	2.9E-04	1.05E-03	3.08E-07	8.61E-04	2.65E-10	1.0E+06	2.7E-04
261	0.3034	8.92E-04	2.7E-04	1.05E-03	2.83E-07	8.61E-04	2.44E-10	1.0E+06	2.4E-04
262	0.27914	8.92E-04	2.5E-04	1.05E-03	2.60E-07	8.61E-04	2.24E-10	1.0E+06	2.2E-04
263	0.22084	8.92E-04	2.0E-04	1.05E-03	2.06E-07	8.61E-04	1.77E-10	1.0E+06	1.8E-04
264	0.32954	8.92E-04	2.9E-04	1.05E-03	3.07E-07	8.61E-04	2.65E-10	1.0E+06	2.6E-04
265	0.30325	8.92E-04	2.7E-04	1.05E-03	2.83E-07	8.61E-04	2.43E-10	1.0E+06	2.4E-04
266	0.27963	8.92E-04	2.5E-04	1.05E-03	2.61E-07	8.61E-04	2.24E-10	1.0E+06	2.2E-04
267	0.25841	8.92E-04	2.3E-04	1.05E-03	2.41E-07	8.61E-04	2.07E-10	1.0E+06	2.1E-04
268	0.20687	8.92E-04	1.8E-04	1.05E-03	1.93E-07	8.61E-04	1.66E-10	1.0E+06	1.7E-04
269	0.29052	8.92E-04	2.6E-04	1.05E-03	2.71E-07	8.61E-04	2.33E-10	1.0E+06	2.3E-04
270	0.24835	8.92E-04	2.2E-04	1.05E-03	2.32E-07	8.61E-04	1.99E-10	1.0E+06	2.0E-04
271	0.21433	8.92E-04	1.9E-04	1.05E-03	2.00E-07	8.61E-04	1.72E-10	1.0E+06	1.7E-04
272	0.18662	8.92E-04	1.7E-04	1.05E-03	1.74E-07	8.61E-04	1.50E-10	1.0E+06	1.5E-04
273	0.16385	8.92E-04	1.5E-04	1.05E-03	1.53E-07	8.61E-04	1.32E-10	1.0E+06	1.3E-04
274	0.14499	8.92E-04	1.3E-04	1.05E-03	1.35E-07	8.61E-04	1.16E-10	1.0E+06	1.2E-04
275	0.12924	8.92E-04	1.2E-04	1.05E-03	1.21E-07	8.61E-04	1.04E-10	1.0E+06	1.0E-04
276	0.26743	8.92E-04	2.4E-04	1.05E-03	2.49E-07	8.61E-04	2.15E-10	1.0E+06	2.1E-04
277	0.22843	8.92E-04	2.0E-04	1.05E-03	2.13E-07	8.61E-04	1.83E-10	1.0E+06	1.8E-04
278	0.19723	8.92E-04	1.8E-04	1.05E-03	1.84E-07	8.61E-04	1.58E-10	1.0E+06	1.6E-04
279	0.17196	8.92E-04	1.5E-04	1.05E-03	1.60E-07	8.61E-04	1.38E-10	1.0E+06	1.4E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 2 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.15128	8.92E-04	1.3E-04	1.05E-03	1.41E-07	8.61E-04	1.21E-10	1.0E+06	1.2E-04
281	0.13417	8.92E-04	1.2E-04	1.05E-03	1.25E-07	8.61E-04	1.08E-10	1.0E+06	1.1E-04
282	0.11989	8.92E-04	1.1E-04	1.05E-03	1.12E-07	8.61E-04	9.63E-11	1.0E+06	9.6E-05
283	0.24217	8.92E-04	2.2E-04	1.05E-03	2.26E-07	8.61E-04	1.94E-10	1.0E+06	1.9E-04
284	0.20747	8.92E-04	1.9E-04	1.05E-03	1.93E-07	8.61E-04	1.67E-10	1.0E+06	1.7E-04
285	0.17975	8.92E-04	1.6E-04	1.05E-03	1.68E-07	8.61E-04	1.44E-10	1.0E+06	1.4E-04
286	0.15729	8.92E-04	1.4E-04	1.05E-03	1.47E-07	8.61E-04	1.26E-10	1.0E+06	1.3E-04
287	0.13889	8.92E-04	1.2E-04	1.05E-03	1.29E-07	8.61E-04	1.12E-10	1.0E+06	1.1E-04
288	0.12364	8.92E-04	1.1E-04	1.05E-03	1.15E-07	8.61E-04	9.93E-11	1.0E+06	9.9E-05
289	0.11087	8.92E-04	9.9E-05	1.05E-03	1.03E-07	8.61E-04	8.90E-11	1.0E+06	8.9E-05
290	0.21717	8.92E-04	1.9E-04	1.05E-03	2.02E-07	8.61E-04	1.74E-10	1.0E+06	1.7E-04
291	0.18712	8.92E-04	1.7E-04	1.05E-03	1.74E-07	8.61E-04	1.50E-10	1.0E+06	1.5E-04
292	0.16301	8.92E-04	1.5E-04	1.05E-03	1.52E-07	8.61E-04	1.31E-10	1.0E+06	1.3E-04
293	0.14338	8.92E-04	1.3E-04	1.05E-03	1.34E-07	8.61E-04	1.15E-10	1.0E+06	1.2E-04
294	0.12722	8.92E-04	1.1E-04	1.05E-03	1.19E-07	8.61E-04	1.02E-10	1.0E+06	1.0E-04
295	0.11377	8.92E-04	1.0E-04	1.05E-03	1.06E-07	8.61E-04	9.13E-11	1.0E+06	9.1E-05
296	0.10245	8.92E-04	9.1E-05	1.05E-03	9.55E-08	8.61E-04	8.23E-11	1.0E+06	8.2E-05
297	0.19421	8.92E-04	1.7E-04	1.05E-03	1.81E-07	8.61E-04	1.56E-10	1.0E+06	1.6E-04
298	0.16853	8.92E-04	1.5E-04	1.05E-03	1.57E-07	8.61E-04	1.35E-10	1.0E+06	1.4E-04
299	0.14776	8.92E-04	1.3E-04	1.05E-03	1.38E-07	8.61E-04	1.19E-10	1.0E+06	1.2E-04
300	0.13075	8.92E-04	1.2E-04	1.05E-03	1.22E-07	8.61E-04	1.05E-10	1.0E+06	1.0E-04
301	0.11664	8.92E-04	1.0E-04	1.05E-03	1.09E-07	8.61E-04	9.36E-11	1.0E+06	9.4E-05
302	0.10482	8.92E-04	9.4E-05	1.05E-03	9.77E-08	8.61E-04	8.42E-11	1.0E+06	8.4E-05
303	0.09481	8.92E-04	8.5E-05	1.05E-03	8.84E-08	8.61E-04	7.61E-11	1.0E+06	7.6E-05
304	0.17406	8.92E-04	1.6E-04	1.05E-03	1.62E-07	8.61E-04	1.40E-10	1.0E+06	1.4E-04
305	0.15221	8.92E-04	1.4E-04	1.05E-03	1.42E-07	8.61E-04	1.22E-10	1.0E+06	1.2E-04
306	0.13437	8.92E-04	1.2E-04	1.05E-03	1.25E-07	8.61E-04	1.08E-10	1.0E+06	1.1E-04
307	0.11961	8.92E-04	1.1E-04	1.05E-03	1.12E-07	8.61E-04	9.60E-11	1.0E+06	9.6E-05
308	0.10729	8.92E-04	9.6E-05	1.05E-03	1.00E-07	8.61E-04	8.61E-11	1.0E+06	8.6E-05
309	0.09688	8.92E-04	8.6E-05	1.05E-03	9.03E-08	8.61E-04	7.78E-11	1.0E+06	7.8E-05
310	0.08801	8.92E-04	7.9E-05	1.05E-03	8.21E-08	8.61E-04	7.07E-11	1.0E+06	7.1E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.15699	8.92E-04	1.4E-04	1.05E-03	1.46E-07	8.61E-04	1.26E-10	1.0E+06	1.3E-04
312	0.13826	8.92E-04	1.2E-04	1.05E-03	1.29E-07	8.61E-04	1.11E-10	1.0E+06	1.1E-04
313	0.12283	8.92E-04	1.1E-04	1.05E-03	1.15E-07	8.61E-04	9.86E-11	1.0E+06	9.9E-05
314	0.10997	8.92E-04	9.8E-05	1.05E-03	1.03E-07	8.61E-04	8.83E-11	1.0E+06	8.8E-05
315	0.09913	8.92E-04	8.8E-05	1.05E-03	9.24E-08	8.61E-04	7.96E-11	1.0E+06	8.0E-05
316	0.08993	8.92E-04	8.0E-05	1.05E-03	8.38E-08	8.61E-04	7.22E-11	1.0E+06	7.2E-05
317	0.08203	8.92E-04	7.3E-05	1.05E-03	7.65E-08	8.61E-04	6.59E-11	1.0E+06	6.6E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Architectural Coating Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	9.20E-06
2	5	9.63E-06
3	5	9.76E-06
4	5	1.26E-05
5	5	1.30E-05
6	5	1.34E-05
7	5	1.38E-05
8	5	1.41E-05
9	5	1.45E-05
10	5	1.50E-05
11	5	1.54E-05
12	5	1.61E-05
13	5	1.68E-05
14	5	1.77E-05
15	5	1.87E-05
16	5	1.99E-05
17	5	2.12E-05
18	5	2.25E-05
19	5	2.38E-05
20	5	2.50E-05
21	5	2.60E-05
22	5	2.69E-05
23	5	2.75E-05
24	5	2.78E-05
25	5	2.79E-05
26	5	9.89E-06
27	5	1.04E-05
28	5	1.05E-05
29	5	1.40E-05
30	5	1.45E-05
31	5	1.50E-05

Max	Receptor #
0.00049	224

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	1.54E-05
33	5	1.59E-05
34	5	1.63E-05
35	5	1.69E-05
36	5	1.75E-05
37	5	1.83E-05
38	5	1.93E-05
39	5	2.04E-05
40	5	2.17E-05
41	5	2.32E-05
42	5	2.48E-05
43	5	2.63E-05
44	5	2.78E-05
45	5	2.91E-05
46	5	3.02E-05
47	5	3.10E-05
48	5	3.14E-05
49	5	3.15E-05
50	5	3.12E-05
51	5	1.07E-05
52	5	1.12E-05
53	5	1.14E-05
54	5	1.56E-05
55	5	1.62E-05
56	5	1.68E-05
57	5	1.74E-05
58	5	1.80E-05
59	5	1.86E-05
60	5	1.92E-05
61	5	2.00E-05
62	5	2.11E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	2.23E-05
64	5	2.38E-05
65	5	2.55E-05
66	5	2.74E-05
67	5	2.93E-05
68	5	3.12E-05
69	5	3.28E-05
70	5	3.42E-05
71	5	3.52E-05
72	5	3.57E-05
73	5	3.58E-05
74	5	3.55E-05
75	5	3.47E-05
76	5	1.16E-05
77	5	1.22E-05
78	5	1.25E-05
79	5	1.75E-05
80	5	1.83E-05
81	5	1.91E-05
82	5	1.98E-05
83	5	2.05E-05
84	5	2.13E-05
85	5	2.22E-05
86	5	2.33E-05
87	5	2.46E-05
88	5	2.62E-05
89	5	2.82E-05
90	5	3.04E-05
91	5	3.28E-05
92	5	3.52E-05
93	5	3.73E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	3.91E-05
95	5	4.04E-05
96	5	4.11E-05
97	5	4.12E-05
98	5	4.07E-05
99	5	3.97E-05
100	5	3.83E-05
101	5	1.26E-05
102	5	1.33E-05
103	5	1.37E-05
104	5	1.99E-05
105	5	2.09E-05
106	5	2.19E-05
107	5	2.28E-05
108	5	2.38E-05
109	5	2.48E-05
110	5	2.59E-05
111	5	2.74E-05
112	5	2.92E-05
113	5	3.14E-05
114	5	3.40E-05
115	5	3.70E-05
116	5	4.00E-05
117	5	4.28E-05
118	5	4.52E-05
119	5	4.69E-05
120	5	4.78E-05
121	5	4.79E-05
122	5	4.73E-05
123	5	4.59E-05
124	5	4.40E-05



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.38E-05
126	5	1.46E-05
127	5	1.51E-05
128	5	2.41E-05
129	5	2.54E-05
130	5	2.66E-05
131	5	2.79E-05
132	5	2.92E-05
133	5	3.08E-05
134	5	3.28E-05
135	5	3.52E-05
136	5	3.83E-05
137	5	4.19E-05
138	5	4.58E-05
139	5	4.96E-05
140	5	5.28E-05
141	5	5.51E-05
142	5	5.64E-05
143	5	5.65E-05
144	5	5.56E-05
145	5	5.37E-05
146	5	5.12E-05
147	5	1.51E-05
148	5	1.61E-05
149	5	1.68E-05
150	5	2.80E-05
151	5	2.98E-05
152	5	3.15E-05
153	5	3.32E-05
154	5	3.50E-05
155	5	3.73E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	4.00E-05
157	5	4.35E-05
158	5	4.79E-05
159	5	5.29E-05
160	5	5.80E-05
161	5	6.24E-05
162	5	6.58E-05
163	5	6.76E-05
164	5	6.78E-05
165	5	6.64E-05
166	5	6.37E-05
167	5	6.02E-05
168	5	5.61E-05
169	5	1.66E-05
170	5	1.78E-05
171	5	1.88E-05
172	5	1.98E-05
173	5	3.31E-05
174	5	3.56E-05
175	5	3.80E-05
176	5	4.03E-05
177	5	4.29E-05
178	5	4.61E-05
179	5	5.00E-05
180	5	5.52E-05
181	5	6.17E-05
182	5	6.86E-05
183	5	7.69E-05
184	5	7.19E-05
185	5	1.97E-05
186	5	2.12E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	2.24E-05
188	5	3.97E-05
189	5	4.33E-05
190	5	4.67E-05
191	5	5.02E-05
192	5	5.41E-05
193	5	5.85E-05
194	5	6.45E-05
195	5	7.26E-05
196	5	8.21E-05
197	5	9.15E-05
198	5	2.36E-05
199	5	2.56E-05
200	5	2.66E-05
201	5	2.92E-05
202	5	3.18E-05
203	5	3.32E-05
204	5	3.73E-05
205	5	4.15E-05
206	5	4.32E-05
207	5	4.93E-05
208	5	5.66E-05
209	5	4.97E-05
210	5	5.85E-05
211	5	6.86E-05
212	5	6.84E-05
213	5	8.37E-05
214	5	1.02E-04
215	5	7.93E-05
216	5	9.97E-05
217	5	1.26E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
218	5	1.55E-04
219	5	2.15E-04
220	5	1.89E-04
221	5	2.69E-04
222	5	2.21E-04
223	5	3.16E-04
224	5	4.89E-04
225	5	3.24E-04
226	5	4.59E-04
227	5	2.76E-05
228	5	2.43E-05
229	5	2.16E-05
230	5	1.94E-05
231	5	2.51E-05
232	5	2.23E-05
233	5	2.00E-05
234	5	1.80E-05
235	5	2.30E-05
236	5	2.06E-05
237	5	1.85E-05
238	5	1.68E-05
239	5	2.48E-04
240	5	2.07E-04
241	5	1.75E-04
242	5	1.49E-04
243	5	2.13E-04
244	5	1.80E-04
245	5	1.54E-04
246	5	1.33E-04
247	5	1.83E-04
248	5	1.57E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	1.36E-04
250	5	1.19E-04
251	5	6.41E-05
252	5	5.84E-05
253	5	7.81E-05
254	5	7.09E-05
255	5	5.89E-05
256	5	5.39E-05
257	5	4.21E-05
258	5	7.06E-05
259	5	6.45E-05
260	5	5.90E-05
261	5	5.41E-05
262	5	4.98E-05
263	5	3.94E-05
264	5	5.88E-05
265	5	5.41E-05
266	5	4.99E-05
267	5	4.61E-05
268	5	3.69E-05
269	5	5.18E-05
270	5	4.43E-05
271	5	3.82E-05
272	5	3.33E-05
273	5	2.92E-05
274	5	2.59E-05
275	5	2.31E-05
276	5	4.77E-05
277	5	4.08E-05
278	5	3.52E-05
279	5	3.07E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	2.70E-05
281	5	2.39E-05
282	5	2.14E-05
283	5	4.32E-05
284	5	3.70E-05
285	5	3.21E-05
286	5	2.81E-05
287	5	2.48E-05
288	5	2.21E-05
289	5	1.98E-05
290	5	3.87E-05
291	5	3.34E-05
292	5	2.91E-05
293	5	2.56E-05
294	5	2.27E-05
295	5	2.03E-05
296	5	1.83E-05
297	5	3.46E-05
298	5	3.01E-05
299	5	2.64E-05
300	5	2.33E-05
301	5	2.08E-05
302	5	1.87E-05
303	5	1.69E-05
304	5	3.11E-05
305	5	2.72E-05
306	5	2.40E-05
307	5	2.13E-05
308	5	1.91E-05
309	5	1.73E-05
310	5	1.57E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 2 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	2.80E-05
312	5	2.47E-05
313	5	2.19E-05
314	5	1.96E-05
315	5	1.77E-05
316	5	1.60E-05
317	5	1.46E-05

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#### 4: Unmitigated Parcel 3 Risk



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## **Unmitigated Construction Health Risk for Parcel 3**

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Parcel 3-A: Unmitigated Construction Health Risk for Parcel 3 - Assumptions

Parcel 3-B: Unmitigated - Parcel 3 - Emissions

Parcel 3-C: Unmitigated - Parcel 3 - Risk Summary

Parcel 3-D: Unmitigated - Parcel 3 - Site Preparation Risk

Parcel 3-E: Unmitigated - Parcel 3 - Grading Risk

Parcel 3-F: Unmitigated - Parcel 3 - Building Construction Risk

Parcel 3-G: Unmitigated - Parcel 3 - Paving Risk

Parcel 3-H: Unmitigated - Parcel 3 - Architectural Coating Risk



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Parcel 3-A: Unmitigated Construction Health Risk for Parcel 3 - Assumptions



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## Manning Ave. Annexation 2020-01 Project

### Unmitigated Construction Health Risk for Parcel 3 - Assumptions

Date: 4/28/2022

	3rd	0-2	2-16	>16	Units
DBR	361	1090	631	261	L/kg
A	1				no units
EF	0.95890411				years
Constant 1	0.000001				no units
CPF	1.1				mg/kg-day-1
ASF	10	10	3	1	no units
Site Preparation	0.00	0.01	0.00	0.00	years
Grading	0.00	0.01	0.00	0.00	years
Building Construction	0.00	0.55	0.00	0.00	years
Paving	0.00	0.03	0.00	0.00	years
Architectural Coating	0.00	0.03	0.00	0.00	years
AT	70				years
FAH	1	1	1	0.73	day
Constant 2	1,000,000				no units
Dose Constant	3.46E-04	1.05E-03	6.05E-04	2.50E-04	
Risk Constant	0.00E+00	8.61E-04	0.00E+00	0.00E+00	

*Source: OEHHA 2015*

Dose =

(Cair X DBR X A X EF X Constant 1)

Cair = concentration in air ( $\mu\text{g}/\text{m}^3$ )

DBR = daily breathing rate normalized to body weight (l/kg bod weight -day)

A = Inhalation adsorption factor (unitless)

EF = Exposure frequency (unitless), days/365 days

Constant 1 = micrograms to milligrams conversion, liters to cubic meters conversion

Cancer Risk =

Dose X CPF x ASF x (ED/AT) X FAH

Dose = Daily inhalation dose (mg/kg-day)

CPF = Inhalation cancer potency factor ( $\text{mg}/\text{kg}\text{-day}^{-1}$ )

ASF = Age sensitivity factor for a specified age group (unitless)

ED = Exposure duration (in years) for a specified age group

AT = Averaging time for lifetime cancer risk (years)

FAH = Fraction of time spent at home (unitless)

Risk per Million =

Cancer Risk X Constant 2

FAH

If school is within the 1 per million cancer bracket:

3rd to 2 years 1

2 to 16 1

16-30 0.73

If school is not within the 1 per million cancer bracket:

3rd to 2 years 0.85

2 to 16 0.72

16-30 0.73

*Source: OEHHA 2015*

**Onsite Concentrations**

	<b>Source ID</b>	<b>PM10 (lbs/day)</b>	<b>PM10 (gr/day)</b>	<b>PM10 (gr/sec)</b>	<b>Days</b>	<b>Years</b>
Site Preparation	P3A	0.51	230.15277	0.0063931	2	0.005
Grading	P3A	0.60	274.15123	0.0076153	4	0.011
Building Construction	P3B	0.51	233.37327	0.0064826	200	0.548
Paving	P3A	0.31	139.88789	0.0038858	10	0.027
Architectural Coating	P3B	0.07	32.11434	0.0008921	10	0.027

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Construction Health Risk for Parcel 3 - Assumptions**

**Sources**

P3A	Parcel 3	Site Preparation, grading, and paving
P3B	Parcel 3	Building Construction and Architectural Coating

Meteorological Data Fresno Airport 2013 - 2017. Supplied by SJVAPCD  
Elevation 101 M.

**Assumptions and Constants:**

- 365 days per year construction
- 453.59237 conversion from lbs to grams
- 10 hours per day construction
- 60 minutes per hour
- 60 seconds per minute
- 1 year construction per parcel
- 0-2 year age bin as conservative risk.

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Parcel 3-B: Unmitigated - Parcel 3 - Emissions



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**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Emissions**

	<b>PM10 Exhaust</b>	<b>days/phase</b>
Site Preparation	0.5074	2
Grading	0.6044	4
Building Construction	0.5145	200
Paving	0.3084	10
Architectural Coating	0.0708	10

Source: CalEEMod Title: Annexation 2020-01 Kings River Development Retail A and B Parcel #3  
CalEEMod Date: 4/28/2022

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Parcel 3-C: Unmitigated - Parcel 3 - Risk Summary



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**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
1	1.179E-03	2.98E-04	3.5E-04	3.04E-04	1.81E-04	4.18E-05
2	1.234E-03	3.12E-04	3.7E-04	3.18E-04	1.89E-04	4.38E-05
3	1.252E-03	3.16E-04	3.8E-04	3.23E-04	1.92E-04	4.44E-05
4	1.678E-03	4.23E-04	5.0E-04	4.34E-04	2.57E-04	5.97E-05
5	1.744E-03	4.40E-04	5.2E-04	4.51E-04	2.67E-04	6.21E-05
6	1.808E-03	4.56E-04	5.4E-04	4.68E-04	2.77E-04	6.44E-05
7	1.868E-03	4.71E-04	5.6E-04	4.84E-04	2.86E-04	6.66E-05
8	1.926E-03	4.85E-04	5.8E-04	4.99E-04	2.95E-04	6.86E-05
9	1.983E-03	5.00E-04	6.0E-04	5.14E-04	3.04E-04	7.07E-05
10	2.042E-03	5.14E-04	6.1E-04	5.29E-04	3.13E-04	7.28E-05
11	2.106E-03	5.31E-04	6.3E-04	5.46E-04	3.23E-04	7.51E-05
12	2.182E-03	5.50E-04	6.6E-04	5.65E-04	3.34E-04	7.78E-05
13	2.278E-03	5.74E-04	6.8E-04	5.90E-04	3.49E-04	8.12E-05
14	2.390E-03	6.02E-04	7.2E-04	6.19E-04	3.66E-04	8.52E-05
15	2.524E-03	6.36E-04	7.6E-04	6.54E-04	3.86E-04	9.00E-05
16	2.683E-03	6.76E-04	8.0E-04	6.96E-04	4.11E-04	9.58E-05
17	2.862E-03	7.21E-04	8.6E-04	7.43E-04	4.38E-04	1.02E-04
18	3.051E-03	7.68E-04	9.1E-04	7.92E-04	4.67E-04	1.09E-04
19	3.245E-03	8.17E-04	9.7E-04	8.43E-04	4.96E-04	1.16E-04
20	3.432E-03	8.64E-04	1.0E-03	8.92E-04	5.25E-04	1.23E-04
21	3.603E-03	9.07E-04	1.1E-03	9.37E-04	5.51E-04	1.29E-04
22	3.747E-03	9.43E-04	1.1E-03	9.74E-04	5.73E-04	1.34E-04
23	3.857E-03	9.70E-04	1.2E-03	1.00E-03	5.90E-04	1.38E-04
24	3.926E-03	9.88E-04	1.2E-03	1.02E-03	6.00E-04	1.40E-04
25	3.952E-03	9.95E-04	1.2E-03	1.03E-03	6.05E-04	1.41E-04
26	1.268E-03	3.20E-04	3.8E-04	3.27E-04	1.95E-04	4.50E-05
27	1.330E-03	3.36E-04	4.0E-04	3.43E-04	2.04E-04	4.72E-05
28	1.351E-03	3.41E-04	4.1E-04	3.49E-04	2.07E-04	4.80E-05
29	1.859E-03	4.69E-04	5.6E-04	4.81E-04	2.85E-04	6.62E-05
30	1.942E-03	4.90E-04	5.8E-04	5.03E-04	2.98E-04	6.92E-05

Max	Receptor #
0.039	239

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
31	2.022E-03	5.10E-04	6.1E-04	5.24E-04	3.10E-04	7.21E-05
32	2.098E-03	5.29E-04	6.3E-04	5.44E-04	3.21E-04	7.48E-05
33	2.170E-03	5.47E-04	6.5E-04	5.62E-04	3.32E-04	7.74E-05
34	2.241E-03	5.65E-04	6.7E-04	5.81E-04	3.43E-04	7.99E-05
35	2.315E-03	5.83E-04	6.9E-04	6.00E-04	3.54E-04	8.26E-05
36	2.395E-03	6.03E-04	7.2E-04	6.21E-04	3.67E-04	8.55E-05
37	2.496E-03	6.29E-04	7.5E-04	6.47E-04	3.82E-04	8.91E-05
38	2.619E-03	6.60E-04	7.9E-04	6.79E-04	4.01E-04	9.34E-05
39	2.762E-03	6.96E-04	8.3E-04	7.16E-04	4.23E-04	9.86E-05
40	2.936E-03	7.39E-04	8.8E-04	7.62E-04	4.49E-04	1.05E-04
41	3.143E-03	7.91E-04	9.4E-04	8.16E-04	4.81E-04	1.12E-04
42	3.369E-03	8.48E-04	1.0E-03	8.75E-04	5.15E-04	1.20E-04
43	3.604E-03	9.07E-04	1.1E-03	9.37E-04	5.51E-04	1.29E-04
44	3.837E-03	9.65E-04	1.1E-03	9.98E-04	5.87E-04	1.37E-04
45	4.052E-03	1.02E-03	1.2E-03	1.05E-03	6.19E-04	1.45E-04
46	4.235E-03	1.07E-03	1.3E-03	1.10E-03	6.47E-04	1.52E-04
47	4.374E-03	1.10E-03	1.3E-03	1.14E-03	6.69E-04	1.57E-04
48	4.461E-03	1.12E-03	1.3E-03	1.16E-03	6.82E-04	1.60E-04
49	4.493E-03	1.13E-03	1.3E-03	1.17E-03	6.87E-04	1.61E-04
50	4.470E-03	1.13E-03	1.3E-03	1.16E-03	6.84E-04	1.60E-04
51	1.369E-03	3.46E-04	4.1E-04	3.53E-04	2.10E-04	4.86E-05
52	1.440E-03	3.63E-04	4.3E-04	3.71E-04	2.21E-04	5.11E-05
53	1.466E-03	3.70E-04	4.4E-04	3.78E-04	2.25E-04	5.21E-05
54	2.074E-03	5.23E-04	6.2E-04	5.37E-04	3.18E-04	7.39E-05
55	2.178E-03	5.49E-04	6.5E-04	5.64E-04	3.34E-04	7.76E-05
56	2.279E-03	5.74E-04	6.8E-04	5.91E-04	3.49E-04	8.13E-05
57	2.375E-03	5.98E-04	7.1E-04	6.16E-04	3.64E-04	8.47E-05
58	2.467E-03	6.21E-04	7.4E-04	6.40E-04	3.78E-04	8.81E-05
59	2.558E-03	6.44E-04	7.7E-04	6.64E-04	3.92E-04	9.13E-05
60	2.652E-03	6.68E-04	8.0E-04	6.88E-04	4.06E-04	9.47E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
61	2.756E-03	6.94E-04	8.3E-04	7.15E-04	4.22E-04	9.84E-05
62	2.889E-03	7.28E-04	8.7E-04	7.49E-04	4.42E-04	1.03E-04
63	3.047E-03	7.67E-04	9.1E-04	7.90E-04	4.66E-04	1.09E-04
64	3.236E-03	8.15E-04	9.7E-04	8.40E-04	4.95E-04	1.16E-04
65	3.467E-03	8.73E-04	1.0E-03	9.01E-04	5.30E-04	1.24E-04
66	3.738E-03	9.41E-04	1.1E-03	9.72E-04	5.72E-04	1.34E-04
67	4.026E-03	1.01E-03	1.2E-03	1.05E-03	6.15E-04	1.44E-04
68	4.317E-03	1.09E-03	1.3E-03	1.12E-03	6.60E-04	1.55E-04
69	4.592E-03	1.15E-03	1.4E-03	1.20E-03	7.02E-04	1.65E-04
70	4.828E-03	1.21E-03	1.4E-03	1.26E-03	7.38E-04	1.73E-04
71	5.009E-03	1.26E-03	1.5E-03	1.30E-03	7.65E-04	1.80E-04
72	5.121E-03	1.29E-03	1.5E-03	1.33E-03	7.83E-04	1.83E-04
73	5.160E-03	1.30E-03	1.5E-03	1.34E-03	7.89E-04	1.85E-04
74	5.127E-03	1.29E-03	1.5E-03	1.33E-03	7.84E-04	1.83E-04
75	5.028E-03	1.27E-03	1.5E-03	1.31E-03	7.69E-04	1.80E-04
76	1.483E-03	3.74E-04	4.5E-04	3.83E-04	2.27E-04	5.27E-05
77	1.564E-03	3.95E-04	4.7E-04	4.04E-04	2.40E-04	5.56E-05
78	1.600E-03	4.04E-04	4.8E-04	4.13E-04	2.45E-04	5.68E-05
79	2.328E-03	5.87E-04	7.0E-04	6.03E-04	3.57E-04	8.30E-05
80	2.461E-03	6.20E-04	7.4E-04	6.38E-04	3.77E-04	8.78E-05
81	2.590E-03	6.52E-04	7.8E-04	6.72E-04	3.97E-04	9.24E-05
82	2.715E-03	6.84E-04	8.1E-04	7.04E-04	4.15E-04	9.69E-05
83	2.835E-03	7.14E-04	8.5E-04	7.36E-04	4.34E-04	1.01E-04
84	2.953E-03	7.44E-04	8.9E-04	7.67E-04	4.52E-04	1.06E-04
85	3.076E-03	7.74E-04	9.2E-04	7.99E-04	4.71E-04	1.10E-04
86	3.223E-03	8.11E-04	9.7E-04	8.37E-04	4.93E-04	1.15E-04
87	3.394E-03	8.54E-04	1.0E-03	8.81E-04	5.19E-04	1.21E-04
88	3.598E-03	9.06E-04	1.1E-03	9.34E-04	5.50E-04	1.29E-04
89	3.855E-03	9.70E-04	1.2E-03	1.00E-03	5.90E-04	1.38E-04
90	4.168E-03	1.05E-03	1.2E-03	1.08E-03	6.37E-04	1.49E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
91	4.524E-03	1.14E-03	1.4E-03	1.18E-03	6.91E-04	1.62E-04
92	4.891E-03	1.23E-03	1.5E-03	1.27E-03	7.47E-04	1.75E-04
93	5.246E-03	1.32E-03	1.6E-03	1.37E-03	8.01E-04	1.88E-04
94	5.558E-03	1.40E-03	1.7E-03	1.45E-03	8.49E-04	1.99E-04
95	5.797E-03	1.46E-03	1.7E-03	1.51E-03	8.85E-04	2.08E-04
96	5.946E-03	1.49E-03	1.8E-03	1.55E-03	9.08E-04	2.13E-04
97	5.996E-03	1.51E-03	1.8E-03	1.56E-03	9.16E-04	2.15E-04
98	5.948E-03	1.50E-03	1.8E-03	1.55E-03	9.09E-04	2.13E-04
99	5.813E-03	1.46E-03	1.7E-03	1.51E-03	8.89E-04	2.08E-04
100	5.607E-03	1.41E-03	1.7E-03	1.46E-03	8.58E-04	2.00E-04
101	1.611E-03	4.07E-04	4.8E-04	4.16E-04	2.47E-04	5.72E-05
102	1.706E-03	4.31E-04	5.1E-04	4.41E-04	2.62E-04	6.06E-05
103	1.756E-03	4.43E-04	5.3E-04	4.53E-04	2.69E-04	6.24E-05
104	2.632E-03	6.63E-04	7.9E-04	6.82E-04	4.03E-04	9.39E-05
105	2.804E-03	7.06E-04	8.4E-04	7.27E-04	4.29E-04	1.00E-04
106	2.973E-03	7.49E-04	8.9E-04	7.72E-04	4.55E-04	1.06E-04
107	3.138E-03	7.90E-04	9.4E-04	8.15E-04	4.80E-04	1.12E-04
108	3.297E-03	8.30E-04	9.9E-04	8.57E-04	5.04E-04	1.18E-04
109	3.454E-03	8.69E-04	1.0E-03	8.98E-04	5.28E-04	1.24E-04
110	3.620E-03	9.11E-04	1.1E-03	9.41E-04	5.54E-04	1.29E-04
111	3.823E-03	9.62E-04	1.1E-03	9.93E-04	5.85E-04	1.37E-04
112	4.044E-03	1.02E-03	1.2E-03	1.05E-03	6.19E-04	1.45E-04
113	4.327E-03	1.09E-03	1.3E-03	1.12E-03	6.62E-04	1.55E-04
114	4.685E-03	1.18E-03	1.4E-03	1.22E-03	7.16E-04	1.68E-04
115	5.113E-03	1.29E-03	1.5E-03	1.33E-03	7.81E-04	1.83E-04
116	5.583E-03	1.40E-03	1.7E-03	1.46E-03	8.53E-04	2.00E-04
117	6.049E-03	1.52E-03	1.8E-03	1.58E-03	9.23E-04	2.17E-04
118	6.467E-03	1.62E-03	1.9E-03	1.69E-03	9.87E-04	2.32E-04
119	6.793E-03	1.71E-03	2.0E-03	1.77E-03	1.04E-03	2.44E-04
120	6.996E-03	1.76E-03	2.1E-03	1.83E-03	1.07E-03	2.51E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
121	7.062E-03	1.77E-03	2.1E-03	1.84E-03	1.08E-03	2.53E-04
122	6.993E-03	1.76E-03	2.1E-03	1.82E-03	1.07E-03	2.51E-04
123	6.805E-03	1.71E-03	2.0E-03	1.77E-03	1.04E-03	2.44E-04
124	6.523E-03	1.64E-03	2.0E-03	1.69E-03	9.98E-04	2.33E-04
125	1.754E-03	4.43E-04	5.3E-04	4.53E-04	2.69E-04	6.23E-05
126	1.867E-03	4.71E-04	5.6E-04	4.82E-04	2.86E-04	6.63E-05
127	1.934E-03	4.88E-04	5.8E-04	4.99E-04	2.97E-04	6.87E-05
128	3.226E-03	8.12E-04	9.7E-04	8.37E-04	4.94E-04	1.15E-04
129	3.452E-03	8.69E-04	1.0E-03	8.96E-04	5.28E-04	1.23E-04
130	3.674E-03	9.25E-04	1.1E-03	9.55E-04	5.62E-04	1.31E-04
131	3.890E-03	9.79E-04	1.2E-03	1.01E-03	5.95E-04	1.39E-04
132	4.103E-03	1.03E-03	1.2E-03	1.07E-03	6.27E-04	1.47E-04
133	4.339E-03	1.09E-03	1.3E-03	1.13E-03	6.63E-04	1.55E-04
134	4.604E-03	1.16E-03	1.4E-03	1.20E-03	7.04E-04	1.65E-04
135	4.914E-03	1.24E-03	1.5E-03	1.28E-03	7.51E-04	1.76E-04
136	5.318E-03	1.34E-03	1.6E-03	1.38E-03	8.13E-04	1.90E-04
137	5.828E-03	1.47E-03	1.7E-03	1.52E-03	8.91E-04	2.09E-04
138	6.424E-03	1.61E-03	1.9E-03	1.68E-03	9.81E-04	2.31E-04
139	7.041E-03	1.77E-03	2.1E-03	1.84E-03	1.07E-03	2.53E-04
140	7.615E-03	1.91E-03	2.3E-03	1.99E-03	1.16E-03	2.74E-04
141	8.073E-03	2.03E-03	2.4E-03	2.11E-03	1.23E-03	2.91E-04
142	8.359E-03	2.10E-03	2.5E-03	2.19E-03	1.28E-03	3.01E-04
143	8.450E-03	2.12E-03	2.5E-03	2.21E-03	1.29E-03	3.04E-04
144	8.348E-03	2.10E-03	2.5E-03	2.18E-03	1.27E-03	3.00E-04
145	8.081E-03	2.03E-03	2.4E-03	2.10E-03	1.23E-03	2.90E-04
146	7.687E-03	1.93E-03	2.3E-03	2.00E-03	1.18E-03	2.75E-04
147	1.914E-03	4.83E-04	5.8E-04	4.94E-04	2.94E-04	6.80E-05
148	2.049E-03	5.17E-04	6.2E-04	5.29E-04	3.14E-04	7.28E-05
149	2.144E-03	5.41E-04	6.4E-04	5.54E-04	3.29E-04	7.62E-05
150	3.752E-03	9.45E-04	1.1E-03	9.74E-04	5.74E-04	1.34E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
151	4.059E-03	1.02E-03	1.2E-03	1.05E-03	6.21E-04	1.45E-04
152	4.365E-03	1.10E-03	1.3E-03	1.14E-03	6.67E-04	1.56E-04
153	4.666E-03	1.17E-03	1.4E-03	1.21E-03	7.13E-04	1.67E-04
154	4.963E-03	1.25E-03	1.5E-03	1.29E-03	7.58E-04	1.78E-04
155	5.311E-03	1.34E-03	1.6E-03	1.38E-03	8.12E-04	1.90E-04
156	5.664E-03	1.42E-03	1.7E-03	1.47E-03	8.66E-04	2.03E-04
157	6.116E-03	1.54E-03	1.8E-03	1.59E-03	9.35E-04	2.19E-04
158	6.713E-03	1.69E-03	2.0E-03	1.75E-03	1.03E-03	2.41E-04
159	7.458E-03	1.87E-03	2.2E-03	1.95E-03	1.14E-03	2.68E-04
160	8.285E-03	2.08E-03	2.5E-03	2.17E-03	1.26E-03	2.98E-04
161	9.083E-03	2.28E-03	2.7E-03	2.38E-03	1.38E-03	3.27E-04
162	9.746E-03	2.44E-03	2.9E-03	2.55E-03	1.49E-03	3.52E-04
163	1.017E-02	2.55E-03	3.0E-03	2.66E-03	1.55E-03	3.67E-04
164	1.030E-02	2.58E-03	3.1E-03	2.70E-03	1.57E-03	3.71E-04
165	1.015E-02	2.55E-03	3.0E-03	2.65E-03	1.55E-03	3.65E-04
166	9.762E-03	2.45E-03	2.9E-03	2.55E-03	1.49E-03	3.50E-04
167	9.199E-03	2.31E-03	2.8E-03	2.39E-03	1.41E-03	3.29E-04
168	8.529E-03	2.15E-03	2.6E-03	2.21E-03	1.31E-03	3.05E-04
169	2.088E-03	5.27E-04	6.3E-04	5.39E-04	3.20E-04	7.42E-05
170	2.251E-03	5.68E-04	6.8E-04	5.81E-04	3.45E-04	8.00E-05
171	2.388E-03	6.02E-04	7.2E-04	6.17E-04	3.66E-04	8.49E-05
172	2.523E-03	6.37E-04	7.6E-04	6.52E-04	3.87E-04	8.97E-05
173	4.417E-03	1.11E-03	1.3E-03	1.15E-03	6.76E-04	1.58E-04
174	4.843E-03	1.22E-03	1.5E-03	1.26E-03	7.41E-04	1.73E-04
175	5.280E-03	1.33E-03	1.6E-03	1.38E-03	8.07E-04	1.89E-04
176	5.711E-03	1.44E-03	1.7E-03	1.49E-03	8.72E-04	2.05E-04
177	6.154E-03	1.55E-03	1.8E-03	1.61E-03	9.40E-04	2.21E-04
178	6.639E-03	1.67E-03	2.0E-03	1.73E-03	1.01E-03	2.38E-04
179	7.159E-03	1.80E-03	2.1E-03	1.87E-03	1.09E-03	2.57E-04
180	7.846E-03	1.97E-03	2.3E-03	2.05E-03	1.20E-03	2.81E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
181	8.759E-03	2.20E-03	2.6E-03	2.29E-03	1.34E-03	3.15E-04
182	9.863E-03	2.47E-03	2.9E-03	2.58E-03	1.50E-03	3.55E-04
183	1.203E-02	3.02E-03	3.6E-03	3.14E-03	1.84E-03	4.32E-04
184	1.120E-02	2.82E-03	3.4E-03	2.92E-03	1.71E-03	4.01E-04
185	2.474E-03	6.24E-04	7.4E-04	6.39E-04	3.80E-04	8.79E-05
186	2.661E-03	6.71E-04	8.0E-04	6.87E-04	4.08E-04	9.46E-05
187	2.830E-03	7.14E-04	8.5E-04	7.31E-04	4.34E-04	1.01E-04
188	5.268E-03	1.33E-03	1.6E-03	1.37E-03	8.06E-04	1.88E-04
189	5.875E-03	1.48E-03	1.8E-03	1.53E-03	8.98E-04	2.10E-04
190	6.515E-03	1.64E-03	2.0E-03	1.70E-03	9.95E-04	2.34E-04
191	7.164E-03	1.80E-03	2.1E-03	1.87E-03	1.09E-03	2.57E-04
192	7.864E-03	1.97E-03	2.4E-03	2.05E-03	1.20E-03	2.83E-04
193	8.552E-03	2.15E-03	2.6E-03	2.23E-03	1.31E-03	3.07E-04
194	9.359E-03	2.35E-03	2.8E-03	2.44E-03	1.43E-03	3.36E-04
195	1.045E-02	2.62E-03	3.1E-03	2.73E-03	1.60E-03	3.76E-04
196	1.190E-02	2.99E-03	3.6E-03	3.12E-03	1.81E-03	4.29E-04
197	1.356E-02	3.40E-03	4.0E-03	3.56E-03	2.06E-03	4.90E-04
198	2.940E-03	7.42E-04	8.8E-04	7.59E-04	4.51E-04	1.04E-04
199	3.196E-03	8.06E-04	9.6E-04	8.25E-04	4.90E-04	1.14E-04
200	3.258E-03	8.22E-04	9.8E-04	8.41E-04	5.00E-04	1.16E-04
201	3.601E-03	9.09E-04	1.1E-03	9.30E-04	5.52E-04	1.28E-04
202	3.931E-03	9.92E-04	1.2E-03	1.02E-03	6.03E-04	1.40E-04
203	4.024E-03	1.02E-03	1.2E-03	1.04E-03	6.17E-04	1.43E-04
204	4.527E-03	1.14E-03	1.4E-03	1.17E-03	6.94E-04	1.61E-04
205	5.070E-03	1.28E-03	1.5E-03	1.31E-03	7.77E-04	1.80E-04
206	5.131E-03	1.30E-03	1.5E-03	1.32E-03	7.87E-04	1.82E-04
207	5.873E-03	1.48E-03	1.8E-03	1.52E-03	9.01E-04	2.09E-04
208	6.785E-03	1.71E-03	2.0E-03	1.75E-03	1.04E-03	2.41E-04
209	5.761E-03	1.46E-03	1.7E-03	1.48E-03	8.85E-04	2.04E-04
210	6.778E-03	1.71E-03	2.0E-03	1.75E-03	1.04E-03	2.40E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
211	7.961E-03	2.01E-03	2.4E-03	2.05E-03	1.22E-03	2.82E-04
212	7.706E-03	1.95E-03	2.3E-03	1.98E-03	1.18E-03	2.73E-04
213	9.376E-03	2.37E-03	2.8E-03	2.41E-03	1.44E-03	3.32E-04
214	1.141E-02	2.88E-03	3.4E-03	2.94E-03	1.75E-03	4.04E-04
215	8.743E-03	2.21E-03	2.6E-03	2.25E-03	1.34E-03	3.09E-04
216	1.084E-02	2.74E-03	3.3E-03	2.78E-03	1.67E-03	3.83E-04
217	1.353E-02	3.42E-03	4.1E-03	3.47E-03	2.08E-03	4.78E-04
218	1.601E-02	4.05E-03	4.8E-03	4.10E-03	2.46E-03	5.64E-04
219	2.153E-02	5.46E-03	6.5E-03	5.50E-03	3.32E-03	7.57E-04
220	1.861E-02	4.72E-03	5.6E-03	4.75E-03	2.87E-03	6.54E-04
221	2.507E-02	6.36E-03	7.6E-03	6.38E-03	3.87E-03	8.78E-04
222	2.041E-02	5.18E-03	6.2E-03	5.19E-03	3.15E-03	7.14E-04
223	2.713E-02	6.90E-03	8.2E-03	6.87E-03	4.19E-03	9.45E-04
224	3.782E-02	9.65E-03	1.1E-02	9.50E-03	5.86E-03	1.31E-03
225	2.661E-02	6.79E-03	8.1E-03	6.69E-03	4.12E-03	9.21E-04
226	3.458E-02	8.85E-03	1.1E-02	8.63E-03	5.38E-03	1.19E-03
227	3.837E-03	9.74E-04	1.2E-03	9.75E-04	5.92E-04	1.34E-04
228	3.367E-03	8.55E-04	1.0E-03	8.57E-04	5.20E-04	1.18E-04
229	2.981E-03	7.56E-04	9.0E-04	7.59E-04	4.60E-04	1.04E-04
230	2.658E-03	6.74E-04	8.0E-04	6.77E-04	4.10E-04	9.32E-05
231	3.466E-03	8.80E-04	1.0E-03	8.81E-04	5.35E-04	1.21E-04
232	3.068E-03	7.79E-04	9.3E-04	7.81E-04	4.73E-04	1.07E-04
233	2.736E-03	6.94E-04	8.3E-04	6.97E-04	4.22E-04	9.59E-05
234	2.456E-03	6.23E-04	7.4E-04	6.26E-04	3.79E-04	8.61E-05
235	3.139E-03	7.97E-04	9.5E-04	7.99E-04	4.84E-04	1.10E-04
236	2.802E-03	7.11E-04	8.5E-04	7.13E-04	4.32E-04	9.82E-05
237	2.517E-03	6.38E-04	7.6E-04	6.41E-04	3.88E-04	8.82E-05
238	2.273E-03	5.77E-04	6.9E-04	5.80E-04	3.50E-04	7.97E-05
239	3.937E-02	1.02E-02	1.2E-02	9.59E-03	6.18E-03	1.32E-03
240	3.257E-02	8.39E-03	1.0E-02	7.99E-03	5.10E-03	1.10E-03



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
241	2.727E-02	7.01E-03	8.3E-03	6.73E-03	4.26E-03	9.26E-04
242	2.309E-02	5.92E-03	7.1E-03	5.72E-03	3.60E-03	7.88E-04
243	3.230E-02	8.32E-03	9.9E-03	7.92E-03	5.06E-03	1.09E-03
244	2.733E-02	7.03E-03	8.4E-03	6.74E-03	4.27E-03	9.27E-04
245	2.331E-02	5.98E-03	7.1E-03	5.77E-03	3.64E-03	7.94E-04
246	2.004E-02	5.14E-03	6.1E-03	4.98E-03	3.12E-03	6.86E-04
247	2.686E-02	6.91E-03	8.2E-03	6.62E-03	4.20E-03	9.11E-04
248	2.317E-02	5.95E-03	7.1E-03	5.73E-03	3.61E-03	7.89E-04
249	2.008E-02	5.15E-03	6.1E-03	4.99E-03	3.13E-03	6.86E-04
250	1.750E-02	4.48E-03	5.3E-03	4.36E-03	2.72E-03	6.00E-04
251	8.881E-03	2.26E-03	2.7E-03	2.23E-03	1.38E-03	3.08E-04
252	8.108E-03	2.07E-03	2.5E-03	2.04E-03	1.26E-03	2.81E-04
253	1.048E-02	2.68E-03	3.2E-03	2.63E-03	1.63E-03	3.62E-04
254	9.596E-03	2.45E-03	2.9E-03	2.41E-03	1.49E-03	3.32E-04
255	8.060E-03	2.05E-03	2.4E-03	2.03E-03	1.25E-03	2.79E-04
256	7.403E-03	1.89E-03	2.2E-03	1.87E-03	1.15E-03	2.57E-04
257	5.809E-03	1.48E-03	1.8E-03	1.47E-03	8.98E-04	2.02E-04
258	9.359E-03	2.39E-03	2.8E-03	2.35E-03	1.45E-03	3.23E-04
259	8.627E-03	2.20E-03	2.6E-03	2.17E-03	1.34E-03	2.98E-04
260	7.953E-03	2.03E-03	2.4E-03	2.00E-03	1.23E-03	2.76E-04
261	7.337E-03	1.87E-03	2.2E-03	1.85E-03	1.14E-03	2.55E-04
262	6.776E-03	1.73E-03	2.1E-03	1.71E-03	1.05E-03	2.35E-04
263	5.392E-03	1.37E-03	1.6E-03	1.36E-03	8.34E-04	1.88E-04
264	7.786E-03	1.99E-03	2.4E-03	1.96E-03	1.21E-03	2.70E-04
265	7.221E-03	1.84E-03	2.2E-03	1.82E-03	1.12E-03	2.50E-04
266	6.699E-03	1.71E-03	2.0E-03	1.69E-03	1.04E-03	2.33E-04
267	6.219E-03	1.58E-03	1.9E-03	1.57E-03	9.62E-04	2.16E-04
268	5.015E-03	1.28E-03	1.5E-03	1.27E-03	7.75E-04	1.75E-04
269	7.702E-03	1.95E-03	2.3E-03	1.96E-03	1.19E-03	2.70E-04
270	6.478E-03	1.64E-03	2.0E-03	1.65E-03	9.99E-04	2.27E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
271	5.513E-03	1.40E-03	1.7E-03	1.40E-03	8.50E-04	1.93E-04
272	4.743E-03	1.20E-03	1.4E-03	1.21E-03	7.31E-04	1.66E-04
273	4.121E-03	1.05E-03	1.2E-03	1.05E-03	6.35E-04	1.45E-04
274	3.614E-03	9.17E-04	1.1E-03	9.21E-04	5.57E-04	1.27E-04
275	3.197E-03	8.11E-04	9.7E-04	8.15E-04	4.93E-04	1.12E-04
276	6.984E-03	1.77E-03	2.1E-03	1.78E-03	1.08E-03	2.44E-04
277	5.878E-03	1.49E-03	1.8E-03	1.49E-03	9.07E-04	2.06E-04
278	5.013E-03	1.27E-03	1.5E-03	1.28E-03	7.74E-04	1.75E-04
279	4.324E-03	1.10E-03	1.3E-03	1.10E-03	6.67E-04	1.51E-04
280	3.770E-03	9.57E-04	1.1E-03	9.60E-04	5.82E-04	1.32E-04
281	3.317E-03	8.42E-04	1.0E-03	8.45E-04	5.12E-04	1.16E-04
282	2.944E-03	7.47E-04	8.9E-04	7.50E-04	4.54E-04	1.03E-04
283	6.229E-03	1.58E-03	1.9E-03	1.58E-03	9.62E-04	2.18E-04
284	5.270E-03	1.34E-03	1.6E-03	1.34E-03	8.14E-04	1.84E-04
285	4.518E-03	1.15E-03	1.4E-03	1.15E-03	6.97E-04	1.58E-04
286	3.918E-03	9.95E-04	1.2E-03	9.97E-04	6.05E-04	1.37E-04
287	3.433E-03	8.71E-04	1.0E-03	8.74E-04	5.30E-04	1.20E-04
288	3.035E-03	7.70E-04	9.2E-04	7.73E-04	4.68E-04	1.06E-04
289	2.706E-03	6.87E-04	8.2E-04	6.89E-04	4.17E-04	9.49E-05
290	5.514E-03	1.40E-03	1.7E-03	1.40E-03	8.52E-04	1.92E-04
291	4.702E-03	1.19E-03	1.4E-03	1.19E-03	7.26E-04	1.64E-04
292	4.060E-03	1.03E-03	1.2E-03	1.03E-03	6.27E-04	1.42E-04
293	3.544E-03	9.00E-04	1.1E-03	9.01E-04	5.47E-04	1.24E-04
294	3.124E-03	7.93E-04	9.4E-04	7.95E-04	4.82E-04	1.09E-04
295	2.778E-03	7.05E-04	8.4E-04	7.07E-04	4.28E-04	9.73E-05
296	2.489E-03	6.31E-04	7.5E-04	6.34E-04	3.84E-04	8.72E-05
297	4.884E-03	1.24E-03	1.5E-03	1.24E-03	7.54E-04	1.71E-04
298	4.202E-03	1.07E-03	1.3E-03	1.07E-03	6.49E-04	1.47E-04
299	3.657E-03	9.29E-04	1.1E-03	9.30E-04	5.64E-04	1.28E-04
300	3.215E-03	8.16E-04	9.7E-04	8.18E-04	4.96E-04	1.13E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
301	2.851E-03	7.24E-04	8.6E-04	7.26E-04	4.40E-04	9.99E-05
302	2.549E-03	6.47E-04	7.7E-04	6.49E-04	3.93E-04	8.94E-05
303	2.295E-03	5.82E-04	6.9E-04	5.85E-04	3.54E-04	8.05E-05
304	4.350E-03	1.11E-03	1.3E-03	1.10E-03	6.72E-04	1.52E-04
305	3.776E-03	9.59E-04	1.1E-03	9.60E-04	5.83E-04	1.32E-04
306	3.311E-03	8.41E-04	1.0E-03	8.42E-04	5.11E-04	1.16E-04
307	2.930E-03	7.44E-04	8.9E-04	7.46E-04	4.52E-04	1.03E-04
308	2.615E-03	6.64E-04	7.9E-04	6.66E-04	4.03E-04	9.17E-05
309	2.350E-03	5.96E-04	7.1E-04	5.99E-04	3.62E-04	8.24E-05
310	2.126E-03	5.39E-04	6.4E-04	5.42E-04	3.28E-04	7.46E-05
311	3.907E-03	9.92E-04	1.2E-03	9.93E-04	6.03E-04	1.37E-04
312	3.418E-03	8.68E-04	1.0E-03	8.69E-04	5.27E-04	1.20E-04
313	3.018E-03	7.66E-04	9.1E-04	7.68E-04	4.66E-04	1.06E-04
314	2.688E-03	6.82E-04	8.1E-04	6.85E-04	4.15E-04	9.42E-05
315	2.412E-03	6.12E-04	7.3E-04	6.15E-04	3.72E-04	8.46E-05
316	2.178E-03	5.52E-04	6.6E-04	5.55E-04	3.36E-04	7.64E-05
317	1.979E-03	5.02E-04	6.0E-04	5.05E-04	3.05E-04	6.95E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
1	2.620E-04	6.61E-05	7.88E-05	6.76E-05	4.02E-05	9.30E-06
2	2.743E-04	6.92E-05	8.25E-05	7.07E-05	4.21E-05	9.73E-06
3	2.781E-04	7.02E-05	8.36E-05	7.17E-05	4.27E-05	9.87E-06
4	3.728E-04	9.40E-05	1.12E-04	9.64E-05	5.71E-05	1.33E-05
5	3.876E-04	9.77E-05	1.16E-04	1.00E-04	5.94E-05	1.38E-05
6	4.017E-04	1.01E-04	1.21E-04	1.04E-04	6.15E-05	1.43E-05
7	4.151E-04	1.05E-04	1.25E-04	1.07E-04	6.36E-05	1.48E-05
8	4.279E-04	1.08E-04	1.28E-04	1.11E-04	6.55E-05	1.53E-05
9	4.406E-04	1.11E-04	1.32E-04	1.14E-04	6.75E-05	1.57E-05
10	4.537E-04	1.14E-04	1.36E-04	1.18E-04	6.95E-05	1.62E-05
11	4.680E-04	1.18E-04	1.40E-04	1.21E-04	7.17E-05	1.67E-05
12	4.850E-04	1.22E-04	1.46E-04	1.26E-04	7.43E-05	1.73E-05
13	5.062E-04	1.28E-04	1.52E-04	1.31E-04	7.75E-05	1.80E-05
14	5.311E-04	1.34E-04	1.59E-04	1.38E-04	8.13E-05	1.89E-05
15	5.608E-04	1.41E-04	1.68E-04	1.45E-04	8.59E-05	2.00E-05
16	5.962E-04	1.50E-04	1.79E-04	1.55E-04	9.13E-05	2.13E-05
17	6.360E-04	1.60E-04	1.91E-04	1.65E-04	9.73E-05	2.27E-05
18	6.781E-04	1.71E-04	2.03E-04	1.76E-04	1.04E-04	2.42E-05
19	7.210E-04	1.81E-04	2.16E-04	1.87E-04	1.10E-04	2.58E-05
20	7.627E-04	1.92E-04	2.29E-04	1.98E-04	1.17E-04	2.73E-05
21	8.007E-04	2.01E-04	2.40E-04	2.08E-04	1.22E-04	2.86E-05
22	8.327E-04	2.10E-04	2.50E-04	2.17E-04	1.27E-04	2.98E-05
23	8.570E-04	2.16E-04	2.57E-04	2.23E-04	1.31E-04	3.07E-05
24	8.724E-04	2.20E-04	2.62E-04	2.27E-04	1.33E-04	3.12E-05
25	8.782E-04	2.21E-04	2.63E-04	2.28E-04	1.34E-04	3.14E-05
26	2.818E-04	7.11E-05	8.47E-05	7.27E-05	4.32E-05	1.00E-05
27	2.956E-04	7.46E-05	8.89E-05	7.62E-05	4.54E-05	1.05E-05
28	3.003E-04	7.58E-05	9.03E-05	7.75E-05	4.61E-05	1.07E-05
29	4.132E-04	1.04E-04	1.24E-04	1.07E-04	6.33E-05	1.47E-05
30	4.316E-04	1.09E-04	1.30E-04	1.12E-04	6.61E-05	1.54E-05

Max	Receptor #
0.0087	239

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
31	4.493E-04	1.13E-04	1.35E-04	1.16E-04	6.88E-05	1.60E-05
32	4.662E-04	1.17E-04	1.40E-04	1.21E-04	7.14E-05	1.66E-05
33	4.822E-04	1.21E-04	1.45E-04	1.25E-04	7.38E-05	1.72E-05
34	4.980E-04	1.25E-04	1.49E-04	1.29E-04	7.63E-05	1.78E-05
35	5.144E-04	1.30E-04	1.54E-04	1.33E-04	7.88E-05	1.83E-05
36	5.323E-04	1.34E-04	1.60E-04	1.38E-04	8.15E-05	1.90E-05
37	5.548E-04	1.40E-04	1.66E-04	1.44E-04	8.49E-05	1.98E-05
38	5.821E-04	1.47E-04	1.75E-04	1.51E-04	8.91E-05	2.08E-05
39	6.137E-04	1.55E-04	1.84E-04	1.59E-04	9.40E-05	2.19E-05
40	6.525E-04	1.64E-04	1.96E-04	1.69E-04	9.99E-05	2.33E-05
41	6.985E-04	1.76E-04	2.09E-04	1.81E-04	1.07E-04	2.50E-05
42	7.487E-04	1.88E-04	2.24E-04	1.95E-04	1.15E-04	2.68E-05
43	8.010E-04	2.02E-04	2.40E-04	2.08E-04	1.22E-04	2.87E-05
44	8.527E-04	2.14E-04	2.55E-04	2.22E-04	1.30E-04	3.05E-05
45	9.004E-04	2.26E-04	2.70E-04	2.34E-04	1.38E-04	3.22E-05
46	9.411E-04	2.37E-04	2.82E-04	2.45E-04	1.44E-04	3.37E-05
47	9.720E-04	2.44E-04	2.91E-04	2.53E-04	1.49E-04	3.48E-05
48	9.914E-04	2.49E-04	2.97E-04	2.58E-04	1.52E-04	3.55E-05
49	9.985E-04	2.51E-04	2.99E-04	2.60E-04	1.53E-04	3.57E-05
50	9.934E-04	2.50E-04	2.98E-04	2.58E-04	1.52E-04	3.55E-05
51	3.042E-04	7.68E-05	9.15E-05	7.85E-05	4.67E-05	1.08E-05
52	3.199E-04	8.07E-05	9.62E-05	8.25E-05	4.91E-05	1.14E-05
53	3.258E-04	8.22E-05	9.79E-05	8.41E-05	5.00E-05	1.16E-05
54	4.608E-04	1.16E-04	1.38E-04	1.19E-04	7.06E-05	1.64E-05
55	4.840E-04	1.22E-04	1.45E-04	1.25E-04	7.41E-05	1.73E-05
56	5.064E-04	1.28E-04	1.52E-04	1.31E-04	7.75E-05	1.81E-05
57	5.278E-04	1.33E-04	1.58E-04	1.37E-04	8.08E-05	1.88E-05
58	5.483E-04	1.38E-04	1.64E-04	1.42E-04	8.39E-05	1.96E-05
59	5.685E-04	1.43E-04	1.71E-04	1.47E-04	8.70E-05	2.03E-05
60	5.894E-04	1.48E-04	1.77E-04	1.53E-04	9.02E-05	2.10E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
61	6.124E-04	1.54E-04	1.84E-04	1.59E-04	9.37E-05	2.19E-05
62	6.420E-04	1.62E-04	1.93E-04	1.67E-04	9.83E-05	2.29E-05
63	6.770E-04	1.70E-04	2.03E-04	1.76E-04	1.04E-04	2.42E-05
64	7.192E-04	1.81E-04	2.16E-04	1.87E-04	1.10E-04	2.57E-05
65	7.705E-04	1.94E-04	2.31E-04	2.00E-04	1.18E-04	2.75E-05
66	8.308E-04	2.09E-04	2.49E-04	2.16E-04	1.27E-04	2.97E-05
67	8.946E-04	2.25E-04	2.68E-04	2.33E-04	1.37E-04	3.20E-05
68	9.594E-04	2.41E-04	2.87E-04	2.50E-04	1.47E-04	3.44E-05
69	1.020E-03	2.57E-04	3.06E-04	2.66E-04	1.56E-04	3.66E-05
70	1.073E-03	2.70E-04	3.21E-04	2.80E-04	1.64E-04	3.85E-05
71	1.113E-03	2.80E-04	3.33E-04	2.90E-04	1.70E-04	3.99E-05
72	1.138E-03	2.86E-04	3.41E-04	2.96E-04	1.74E-04	4.08E-05
73	1.147E-03	2.88E-04	3.44E-04	2.98E-04	1.75E-04	4.11E-05
74	1.139E-03	2.87E-04	3.42E-04	2.96E-04	1.74E-04	4.08E-05
75	1.117E-03	2.81E-04	3.35E-04	2.90E-04	1.71E-04	3.99E-05
76	3.295E-04	8.32E-05	9.91E-05	8.50E-05	5.05E-05	1.17E-05
77	3.476E-04	8.77E-05	1.04E-04	8.97E-05	5.33E-05	1.23E-05
78	3.555E-04	8.97E-05	1.07E-04	9.18E-05	5.45E-05	1.26E-05
79	5.173E-04	1.30E-04	1.55E-04	1.34E-04	7.92E-05	1.84E-05
80	5.468E-04	1.38E-04	1.64E-04	1.42E-04	8.37E-05	1.95E-05
81	5.756E-04	1.45E-04	1.73E-04	1.49E-04	8.81E-05	2.05E-05
82	6.033E-04	1.52E-04	1.81E-04	1.57E-04	9.23E-05	2.15E-05
83	6.300E-04	1.59E-04	1.89E-04	1.64E-04	9.64E-05	2.25E-05
84	6.563E-04	1.65E-04	1.97E-04	1.70E-04	1.00E-04	2.34E-05
85	6.836E-04	1.72E-04	2.05E-04	1.77E-04	1.05E-04	2.44E-05
86	7.163E-04	1.80E-04	2.15E-04	1.86E-04	1.10E-04	2.56E-05
87	7.542E-04	1.90E-04	2.26E-04	1.96E-04	1.15E-04	2.69E-05
88	7.995E-04	2.01E-04	2.40E-04	2.08E-04	1.22E-04	2.86E-05
89	8.568E-04	2.16E-04	2.57E-04	2.23E-04	1.31E-04	3.06E-05
90	9.263E-04	2.33E-04	2.78E-04	2.41E-04	1.42E-04	3.31E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
91	1.005E-03	2.53E-04	3.01E-04	2.62E-04	1.54E-04	3.60E-05
92	1.087E-03	2.73E-04	3.25E-04	2.83E-04	1.66E-04	3.90E-05
93	1.166E-03	2.93E-04	3.49E-04	3.04E-04	1.78E-04	4.18E-05
94	1.235E-03	3.10E-04	3.70E-04	3.22E-04	1.89E-04	4.43E-05
95	1.288E-03	3.24E-04	3.86E-04	3.36E-04	1.97E-04	4.62E-05
96	1.321E-03	3.32E-04	3.96E-04	3.44E-04	2.02E-04	4.74E-05
97	1.332E-03	3.35E-04	3.99E-04	3.47E-04	2.04E-04	4.78E-05
98	1.322E-03	3.32E-04	3.96E-04	3.44E-04	2.02E-04	4.73E-05
99	1.292E-03	3.25E-04	3.87E-04	3.36E-04	1.98E-04	4.62E-05
100	1.246E-03	3.14E-04	3.74E-04	3.23E-04	1.91E-04	4.45E-05
101	3.580E-04	9.03E-05	1.08E-04	9.24E-05	5.49E-05	1.27E-05
102	3.792E-04	9.57E-05	1.14E-04	9.79E-05	5.82E-05	1.35E-05
103	3.901E-04	9.84E-05	1.17E-04	1.01E-04	5.98E-05	1.39E-05
104	5.850E-04	1.47E-04	1.76E-04	1.52E-04	8.96E-05	2.09E-05
105	6.232E-04	1.57E-04	1.87E-04	1.62E-04	9.54E-05	2.22E-05
106	6.608E-04	1.66E-04	1.98E-04	1.71E-04	1.01E-04	2.36E-05
107	6.973E-04	1.76E-04	2.09E-04	1.81E-04	1.07E-04	2.49E-05
108	7.328E-04	1.84E-04	2.20E-04	1.90E-04	1.12E-04	2.62E-05
109	7.677E-04	1.93E-04	2.30E-04	1.99E-04	1.17E-04	2.75E-05
110	8.046E-04	2.02E-04	2.41E-04	2.09E-04	1.23E-04	2.88E-05
111	8.496E-04	2.14E-04	2.55E-04	2.21E-04	1.30E-04	3.04E-05
112	8.986E-04	2.26E-04	2.69E-04	2.34E-04	1.37E-04	3.21E-05
113	9.615E-04	2.42E-04	2.88E-04	2.50E-04	1.47E-04	3.44E-05
114	1.041E-03	2.62E-04	3.12E-04	2.71E-04	1.59E-04	3.73E-05
115	1.136E-03	2.86E-04	3.40E-04	2.96E-04	1.74E-04	4.07E-05
116	1.241E-03	3.12E-04	3.71E-04	3.23E-04	1.89E-04	4.45E-05
117	1.344E-03	3.38E-04	4.02E-04	3.51E-04	2.05E-04	4.83E-05
118	1.437E-03	3.61E-04	4.30E-04	3.75E-04	2.19E-04	5.16E-05
119	1.510E-03	3.79E-04	4.52E-04	3.94E-04	2.30E-04	5.43E-05
120	1.555E-03	3.90E-04	4.65E-04	4.06E-04	2.37E-04	5.59E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
121	1.569E-03	3.94E-04	4.70E-04	4.09E-04	2.40E-04	5.63E-05
122	1.554E-03	3.91E-04	4.65E-04	4.05E-04	2.37E-04	5.57E-05
123	1.512E-03	3.80E-04	4.53E-04	3.93E-04	2.31E-04	5.41E-05
124	1.449E-03	3.65E-04	4.35E-04	3.76E-04	2.22E-04	5.18E-05
125	3.899E-04	9.84E-05	1.17E-04	1.01E-04	5.98E-05	1.38E-05
126	4.149E-04	1.05E-04	1.25E-04	1.07E-04	6.36E-05	1.47E-05
127	4.298E-04	1.08E-04	1.29E-04	1.11E-04	6.59E-05	1.53E-05
128	7.170E-04	1.81E-04	2.15E-04	1.86E-04	1.10E-04	2.56E-05
129	7.671E-04	1.93E-04	2.30E-04	1.99E-04	1.17E-04	2.74E-05
130	8.165E-04	2.05E-04	2.45E-04	2.12E-04	1.25E-04	2.92E-05
131	8.645E-04	2.17E-04	2.59E-04	2.25E-04	1.32E-04	3.09E-05
132	9.118E-04	2.29E-04	2.73E-04	2.37E-04	1.39E-04	3.26E-05
133	9.643E-04	2.43E-04	2.89E-04	2.51E-04	1.47E-04	3.45E-05
134	1.023E-03	2.57E-04	3.07E-04	2.66E-04	1.56E-04	3.66E-05
135	1.092E-03	2.75E-04	3.27E-04	2.84E-04	1.67E-04	3.91E-05
136	1.182E-03	2.97E-04	3.54E-04	3.08E-04	1.81E-04	4.23E-05
137	1.295E-03	3.26E-04	3.88E-04	3.37E-04	1.98E-04	4.64E-05
138	1.427E-03	3.59E-04	4.27E-04	3.72E-04	2.18E-04	5.13E-05
139	1.565E-03	3.93E-04	4.68E-04	4.09E-04	2.39E-04	5.63E-05
140	1.692E-03	4.25E-04	5.06E-04	4.43E-04	2.58E-04	6.09E-05
141	1.794E-03	4.50E-04	5.36E-04	4.69E-04	2.74E-04	6.46E-05
142	1.858E-03	4.66E-04	5.55E-04	4.86E-04	2.83E-04	6.69E-05
143	1.878E-03	4.71E-04	5.62E-04	4.91E-04	2.87E-04	6.75E-05
144	1.855E-03	4.66E-04	5.55E-04	4.84E-04	2.83E-04	6.66E-05
145	1.796E-03	4.52E-04	5.38E-04	4.68E-04	2.74E-04	6.44E-05
146	1.708E-03	4.30E-04	5.12E-04	4.44E-04	2.61E-04	6.11E-05
147	4.252E-04	1.07E-04	1.28E-04	1.10E-04	6.52E-05	1.51E-05
148	4.553E-04	1.15E-04	1.37E-04	1.18E-04	6.98E-05	1.62E-05
149	4.764E-04	1.20E-04	1.43E-04	1.23E-04	7.30E-05	1.69E-05
150	8.339E-04	2.10E-04	2.50E-04	2.16E-04	1.28E-04	2.98E-05



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
151	9.019E-04	2.27E-04	2.70E-04	2.34E-04	1.38E-04	3.23E-05
152	9.701E-04	2.44E-04	2.91E-04	2.52E-04	1.48E-04	3.47E-05
153	1.037E-03	2.61E-04	3.11E-04	2.70E-04	1.58E-04	3.72E-05
154	1.103E-03	2.77E-04	3.30E-04	2.87E-04	1.69E-04	3.95E-05
155	1.180E-03	2.97E-04	3.53E-04	3.07E-04	1.80E-04	4.23E-05
156	1.259E-03	3.17E-04	3.77E-04	3.28E-04	1.92E-04	4.51E-05
157	1.359E-03	3.42E-04	4.07E-04	3.54E-04	2.08E-04	4.87E-05
158	1.492E-03	3.75E-04	4.47E-04	3.89E-04	2.28E-04	5.35E-05
159	1.657E-03	4.16E-04	4.96E-04	4.33E-04	2.53E-04	5.95E-05
160	1.841E-03	4.62E-04	5.50E-04	4.82E-04	2.81E-04	6.63E-05
161	2.019E-03	5.06E-04	6.03E-04	5.29E-04	3.08E-04	7.28E-05
162	2.166E-03	5.43E-04	6.47E-04	5.68E-04	3.30E-04	7.81E-05
163	2.260E-03	5.67E-04	6.75E-04	5.92E-04	3.44E-04	8.15E-05
164	2.289E-03	5.74E-04	6.84E-04	5.99E-04	3.49E-04	8.25E-05
165	2.256E-03	5.66E-04	6.75E-04	5.90E-04	3.44E-04	8.11E-05
166	2.169E-03	5.45E-04	6.49E-04	5.66E-04	3.31E-04	7.78E-05
167	2.044E-03	5.14E-04	6.12E-04	5.32E-04	3.13E-04	7.32E-05
168	1.895E-03	4.77E-04	5.68E-04	4.92E-04	2.90E-04	6.77E-05
169	4.641E-04	1.17E-04	1.40E-04	1.20E-04	7.12E-05	1.65E-05
170	5.002E-04	1.26E-04	1.50E-04	1.29E-04	7.67E-05	1.78E-05
171	5.306E-04	1.34E-04	1.59E-04	1.37E-04	8.14E-05	1.89E-05
172	5.608E-04	1.41E-04	1.68E-04	1.45E-04	8.60E-05	1.99E-05
173	9.815E-04	2.47E-04	2.94E-04	2.55E-04	1.50E-04	3.51E-05
174	1.076E-03	2.71E-04	3.23E-04	2.80E-04	1.65E-04	3.85E-05
175	1.173E-03	2.95E-04	3.51E-04	3.06E-04	1.79E-04	4.20E-05
176	1.269E-03	3.19E-04	3.80E-04	3.31E-04	1.94E-04	4.55E-05
177	1.368E-03	3.44E-04	4.09E-04	3.57E-04	2.09E-04	4.91E-05
178	1.475E-03	3.71E-04	4.42E-04	3.85E-04	2.25E-04	5.30E-05
179	1.591E-03	4.00E-04	4.76E-04	4.15E-04	2.43E-04	5.71E-05
180	1.744E-03	4.38E-04	5.22E-04	4.55E-04	2.66E-04	6.26E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
181	1.946E-03	4.89E-04	5.82E-04	5.08E-04	2.97E-04	6.99E-05
182	2.192E-03	5.50E-04	6.55E-04	5.74E-04	3.34E-04	7.89E-05
183	2.674E-03	6.71E-04	8.00E-04	6.98E-04	4.08E-04	9.61E-05
184	2.490E-03	6.26E-04	7.46E-04	6.48E-04	3.80E-04	8.92E-05
185	5.498E-04	1.39E-04	1.65E-04	1.42E-04	8.43E-05	1.95E-05
186	5.913E-04	1.49E-04	1.78E-04	1.53E-04	9.07E-05	2.10E-05
187	6.288E-04	1.59E-04	1.89E-04	1.62E-04	9.64E-05	2.24E-05
188	1.171E-03	2.95E-04	3.51E-04	3.04E-04	1.79E-04	4.19E-05
189	1.306E-03	3.28E-04	3.91E-04	3.40E-04	2.00E-04	4.68E-05
190	1.448E-03	3.64E-04	4.33E-04	3.78E-04	2.21E-04	5.19E-05
191	1.592E-03	4.00E-04	4.76E-04	4.16E-04	2.43E-04	5.72E-05
192	1.748E-03	4.39E-04	5.23E-04	4.57E-04	2.67E-04	6.28E-05
193	1.901E-03	4.77E-04	5.68E-04	4.96E-04	2.90E-04	6.83E-05
194	2.080E-03	5.22E-04	6.22E-04	5.43E-04	3.18E-04	7.47E-05
195	2.323E-03	5.83E-04	6.95E-04	6.07E-04	3.55E-04	8.35E-05
196	2.644E-03	6.63E-04	7.90E-04	6.92E-04	4.03E-04	9.53E-05
197	3.014E-03	7.55E-04	8.99E-04	7.92E-04	4.59E-04	1.09E-04
198	6.534E-04	1.65E-04	1.96E-04	1.69E-04	1.00E-04	2.32E-05
199	7.102E-04	1.79E-04	2.13E-04	1.83E-04	1.09E-04	2.52E-05
200	7.241E-04	1.83E-04	2.18E-04	1.87E-04	1.11E-04	2.57E-05
201	8.003E-04	2.02E-04	2.41E-04	2.07E-04	1.23E-04	2.84E-05
202	8.736E-04	2.20E-04	2.63E-04	2.26E-04	1.34E-04	3.11E-05
203	8.944E-04	2.26E-04	2.69E-04	2.31E-04	1.37E-04	3.17E-05
204	1.006E-03	2.54E-04	3.02E-04	2.60E-04	1.54E-04	3.57E-05
205	1.127E-03	2.84E-04	3.39E-04	2.91E-04	1.73E-04	4.01E-05
206	1.140E-03	2.88E-04	3.43E-04	2.94E-04	1.75E-04	4.05E-05
207	1.305E-03	3.29E-04	3.92E-04	3.37E-04	2.00E-04	4.63E-05
208	1.508E-03	3.80E-04	4.53E-04	3.89E-04	2.31E-04	5.36E-05
209	1.280E-03	3.23E-04	3.85E-04	3.30E-04	1.97E-04	4.54E-05
210	1.506E-03	3.80E-04	4.53E-04	3.88E-04	2.31E-04	5.34E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
211	1.769E-03	4.47E-04	5.32E-04	4.56E-04	2.71E-04	6.28E-05
212	1.713E-03	4.33E-04	5.16E-04	4.40E-04	2.63E-04	6.06E-05
213	2.084E-03	5.27E-04	6.27E-04	5.36E-04	3.20E-04	7.37E-05
214	2.536E-03	6.41E-04	7.63E-04	6.53E-04	3.90E-04	8.98E-05
215	1.943E-03	4.91E-04	5.85E-04	4.99E-04	2.99E-04	6.87E-05
216	2.409E-03	6.09E-04	7.26E-04	6.18E-04	3.70E-04	8.51E-05
217	3.006E-03	7.60E-04	9.06E-04	7.71E-04	4.62E-04	1.06E-04
218	3.558E-03	9.01E-04	1.07E-03	9.11E-04	5.48E-04	1.25E-04
219	4.784E-03	1.21E-03	1.44E-03	1.22E-03	7.37E-04	1.68E-04
220	4.136E-03	1.05E-03	1.25E-03	1.06E-03	6.37E-04	1.45E-04
221	5.571E-03	1.41E-03	1.68E-03	1.42E-03	8.59E-04	1.95E-04
222	4.536E-03	1.15E-03	1.37E-03	1.15E-03	7.00E-04	1.59E-04
223	6.028E-03	1.53E-03	1.83E-03	1.53E-03	9.32E-04	2.10E-04
224	8.404E-03	2.14E-03	2.55E-03	2.11E-03	1.30E-03	2.91E-04
225	5.913E-03	1.51E-03	1.80E-03	1.49E-03	9.17E-04	2.05E-04
226	7.685E-03	1.97E-03	2.34E-03	1.92E-03	1.20E-03	2.64E-04
227	8.526E-04	2.17E-04	2.58E-04	2.17E-04	1.32E-04	2.98E-05
228	7.483E-04	1.90E-04	2.26E-04	1.90E-04	1.15E-04	2.62E-05
229	6.624E-04	1.68E-04	2.00E-04	1.69E-04	1.02E-04	2.32E-05
230	5.907E-04	1.50E-04	1.79E-04	1.51E-04	9.11E-05	2.07E-05
231	7.702E-04	1.96E-04	2.33E-04	1.96E-04	1.19E-04	2.70E-05
232	6.818E-04	1.73E-04	2.06E-04	1.74E-04	1.05E-04	2.39E-05
233	6.080E-04	1.54E-04	1.84E-04	1.55E-04	9.38E-05	2.13E-05
234	5.457E-04	1.38E-04	1.65E-04	1.39E-04	8.41E-05	1.91E-05
235	6.975E-04	1.77E-04	2.11E-04	1.77E-04	1.08E-04	2.44E-05
236	6.227E-04	1.58E-04	1.88E-04	1.59E-04	9.60E-05	2.18E-05
237	5.592E-04	1.42E-04	1.69E-04	1.42E-04	8.62E-05	1.96E-05
238	5.051E-04	1.28E-04	1.53E-04	1.29E-04	7.79E-05	1.77E-05
239	8.749E-03	2.26E-03	2.69E-03	2.13E-03	1.37E-03	2.93E-04
240	7.237E-03	1.86E-03	2.22E-03	1.78E-03	1.13E-03	2.44E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
241	6.060E-03	1.56E-03	1.86E-03	1.49E-03	9.47E-04	2.06E-04
242	5.132E-03	1.32E-03	1.57E-03	1.27E-03	8.00E-04	1.75E-04
243	7.177E-03	1.85E-03	2.20E-03	1.76E-03	1.12E-03	2.42E-04
244	6.073E-03	1.56E-03	1.86E-03	1.50E-03	9.49E-04	2.06E-04
245	5.180E-03	1.33E-03	1.58E-03	1.28E-03	8.08E-04	1.76E-04
246	4.454E-03	1.14E-03	1.36E-03	1.11E-03	6.94E-04	1.52E-04
247	5.970E-03	1.54E-03	1.83E-03	1.47E-03	9.33E-04	2.02E-04
248	5.148E-03	1.32E-03	1.57E-03	1.27E-03	8.03E-04	1.75E-04
249	4.462E-03	1.14E-03	1.36E-03	1.11E-03	6.95E-04	1.52E-04
250	3.889E-03	9.96E-04	1.19E-03	9.69E-04	6.05E-04	1.33E-04
251	1.974E-03	5.03E-04	5.99E-04	4.97E-04	3.06E-04	6.83E-05
252	1.802E-03	4.59E-04	5.47E-04	4.54E-04	2.79E-04	6.25E-05
253	2.330E-03	5.95E-04	7.09E-04	5.84E-04	3.62E-04	8.04E-05
254	2.132E-03	5.44E-04	6.48E-04	5.36E-04	3.31E-04	7.37E-05
255	1.791E-03	4.57E-04	5.44E-04	4.51E-04	2.78E-04	6.21E-05
256	1.645E-03	4.19E-04	4.99E-04	4.15E-04	2.55E-04	5.71E-05
257	1.291E-03	3.28E-04	3.91E-04	3.27E-04	2.00E-04	4.49E-05
258	2.080E-03	5.31E-04	6.32E-04	5.22E-04	3.23E-04	7.19E-05
259	1.917E-03	4.89E-04	5.83E-04	4.82E-04	2.97E-04	6.63E-05
260	1.767E-03	4.51E-04	5.37E-04	4.45E-04	2.74E-04	6.12E-05
261	1.630E-03	4.15E-04	4.95E-04	4.11E-04	2.53E-04	5.66E-05
262	1.506E-03	3.84E-04	4.57E-04	3.80E-04	2.33E-04	5.23E-05
263	1.198E-03	3.05E-04	3.63E-04	3.03E-04	1.85E-04	4.17E-05
264	1.730E-03	4.41E-04	5.26E-04	4.35E-04	2.68E-04	5.99E-05
265	1.605E-03	4.09E-04	4.87E-04	4.04E-04	2.49E-04	5.56E-05
266	1.489E-03	3.79E-04	4.52E-04	3.76E-04	2.30E-04	5.17E-05
267	1.382E-03	3.52E-04	4.19E-04	3.49E-04	2.14E-04	4.80E-05
268	1.114E-03	2.83E-04	3.38E-04	2.82E-04	1.72E-04	3.88E-05
269	1.712E-03	4.34E-04	5.17E-04	4.36E-04	2.64E-04	6.00E-05
270	1.440E-03	3.65E-04	4.35E-04	3.67E-04	2.22E-04	5.05E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
271	1.225E-03	3.11E-04	3.70E-04	3.12E-04	1.89E-04	4.30E-05
272	1.054E-03	2.67E-04	3.19E-04	2.69E-04	1.63E-04	3.70E-05
273	9.158E-04	2.32E-04	2.77E-04	2.33E-04	1.41E-04	3.21E-05
274	8.032E-04	2.04E-04	2.43E-04	2.05E-04	1.24E-04	2.82E-05
275	7.104E-04	1.80E-04	2.15E-04	1.81E-04	1.10E-04	2.49E-05
276	1.552E-03	3.94E-04	4.69E-04	3.95E-04	2.40E-04	5.43E-05
277	1.306E-03	3.32E-04	3.95E-04	3.32E-04	2.02E-04	4.57E-05
278	1.114E-03	2.83E-04	3.37E-04	2.83E-04	1.72E-04	3.90E-05
279	9.610E-04	2.44E-04	2.91E-04	2.45E-04	1.48E-04	3.37E-05
280	8.378E-04	2.13E-04	2.53E-04	2.13E-04	1.29E-04	2.94E-05
281	7.372E-04	1.87E-04	2.23E-04	1.88E-04	1.14E-04	2.58E-05
282	6.542E-04	1.66E-04	1.98E-04	1.67E-04	1.01E-04	2.29E-05
283	1.384E-03	3.52E-04	4.19E-04	3.51E-04	2.14E-04	4.84E-05
284	1.171E-03	2.98E-04	3.54E-04	2.97E-04	1.81E-04	4.09E-05
285	1.004E-03	2.55E-04	3.04E-04	2.55E-04	1.55E-04	3.51E-05
286	8.707E-04	2.21E-04	2.63E-04	2.21E-04	1.34E-04	3.05E-05
287	7.629E-04	1.94E-04	2.31E-04	1.94E-04	1.18E-04	2.67E-05
288	6.745E-04	1.71E-04	2.04E-04	1.72E-04	1.04E-04	2.36E-05
289	6.013E-04	1.53E-04	1.82E-04	1.53E-04	9.27E-05	2.11E-05
290	1.225E-03	3.11E-04	3.71E-04	3.11E-04	1.89E-04	4.28E-05
291	1.045E-03	2.66E-04	3.16E-04	2.65E-04	1.61E-04	3.65E-05
292	9.023E-04	2.29E-04	2.73E-04	2.29E-04	1.39E-04	3.16E-05
293	7.876E-04	2.00E-04	2.38E-04	2.00E-04	1.22E-04	2.76E-05
294	6.943E-04	1.76E-04	2.10E-04	1.77E-04	1.07E-04	2.43E-05
295	6.173E-04	1.57E-04	1.87E-04	1.57E-04	9.52E-05	2.16E-05
296	5.530E-04	1.40E-04	1.67E-04	1.41E-04	8.53E-05	1.94E-05
297	1.085E-03	2.76E-04	3.29E-04	2.75E-04	1.68E-04	3.79E-05
298	9.338E-04	2.37E-04	2.83E-04	2.37E-04	1.44E-04	3.26E-05
299	8.126E-04	2.06E-04	2.46E-04	2.07E-04	1.25E-04	2.84E-05
300	7.144E-04	1.81E-04	2.16E-04	1.82E-04	1.10E-04	2.50E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
301	6.336E-04	1.61E-04	1.92E-04	1.61E-04	9.78E-05	2.22E-05
302	5.665E-04	1.44E-04	1.71E-04	1.44E-04	8.74E-05	1.99E-05
303	5.101E-04	1.29E-04	1.54E-04	1.30E-04	7.87E-05	1.79E-05
304	9.667E-04	2.46E-04	2.93E-04	2.45E-04	1.49E-04	3.38E-05
305	8.390E-04	2.13E-04	2.54E-04	2.13E-04	1.30E-04	2.93E-05
306	7.358E-04	1.87E-04	2.23E-04	1.87E-04	1.14E-04	2.58E-05
307	6.512E-04	1.65E-04	1.97E-04	1.66E-04	1.00E-04	2.28E-05
308	5.811E-04	1.47E-04	1.76E-04	1.48E-04	8.96E-05	2.04E-05
309	5.223E-04	1.33E-04	1.58E-04	1.33E-04	8.05E-05	1.83E-05
310	4.725E-04	1.20E-04	1.43E-04	1.20E-04	7.29E-05	1.66E-05
311	8.682E-04	2.21E-04	2.63E-04	2.21E-04	1.34E-04	3.04E-05
312	7.595E-04	1.93E-04	2.30E-04	1.93E-04	1.17E-04	2.66E-05
313	6.708E-04	1.70E-04	2.03E-04	1.71E-04	1.03E-04	2.35E-05
314	5.973E-04	1.52E-04	1.81E-04	1.52E-04	9.21E-05	2.09E-05
315	5.359E-04	1.36E-04	1.62E-04	1.37E-04	8.26E-05	1.88E-05
316	4.840E-04	1.23E-04	1.46E-04	1.23E-04	7.46E-05	1.70E-05
317	4.398E-04	1.12E-04	1.33E-04	1.12E-04	6.78E-05	1.54E-05

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Parcel 3-D: Unmitigated - Parcel 3 - Site Preparation Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

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**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL		
				Constant	Dose	Constant	Risk	Constant 2				
1	0.05173	6.39E-03	3.3E-04	1.05E-03	3.46E-07	8.61E-04	2.98E-10	1.0E+06	3.0E-04	Max 0.010	Receptor # 239	5
2	0.05415	6.39E-03	3.5E-04	1.05E-03	3.62E-07	8.61E-04	3.12E-10	1.0E+06	3.1E-04			5
3	0.05491	6.39E-03	3.5E-04	1.05E-03	3.67E-07	8.61E-04	3.16E-10	1.0E+06	3.2E-04	5		
4	0.07352	6.39E-03	4.7E-04	1.05E-03	4.91E-07	8.61E-04	4.23E-10	1.0E+06	4.2E-04	5		
5	0.07642	6.39E-03	4.9E-04	1.05E-03	5.11E-07	8.61E-04	4.40E-10	1.0E+06	4.4E-04	5		
6	0.07919	6.39E-03	5.1E-04	1.05E-03	5.29E-07	8.61E-04	4.56E-10	1.0E+06	4.6E-04	5		
7	0.08182	6.39E-03	5.2E-04	1.05E-03	5.47E-07	8.61E-04	4.71E-10	1.0E+06	4.7E-04	5		
8	0.08434	6.39E-03	5.4E-04	1.05E-03	5.64E-07	8.61E-04	4.85E-10	1.0E+06	4.9E-04	5		
9	0.08683	6.39E-03	5.6E-04	1.05E-03	5.80E-07	8.61E-04	5.00E-10	1.0E+06	5.0E-04	5		
10	0.08941	6.39E-03	5.7E-04	1.05E-03	5.97E-07	8.61E-04	5.14E-10	1.0E+06	5.1E-04	5		
11	0.09224	6.39E-03	5.9E-04	1.05E-03	6.16E-07	8.61E-04	5.31E-10	1.0E+06	5.3E-04	5		
12	0.09557	6.39E-03	6.1E-04	1.05E-03	6.39E-07	8.61E-04	5.50E-10	1.0E+06	5.5E-04	5		
13	0.09975	6.39E-03	6.4E-04	1.05E-03	6.67E-07	8.61E-04	5.74E-10	1.0E+06	5.7E-04	5		
14	0.10466	6.39E-03	6.7E-04	1.05E-03	6.99E-07	8.61E-04	6.02E-10	1.0E+06	6.0E-04	5		
15	0.11049	6.39E-03	7.1E-04	1.05E-03	7.38E-07	8.61E-04	6.36E-10	1.0E+06	6.4E-04	5		
16	0.11744	6.39E-03	7.5E-04	1.05E-03	7.85E-07	8.61E-04	6.76E-10	1.0E+06	6.8E-04	5		
17	0.12525	6.39E-03	8.0E-04	1.05E-03	8.37E-07	8.61E-04	7.21E-10	1.0E+06	7.2E-04	5		
18	0.13349	6.39E-03	8.5E-04	1.05E-03	8.92E-07	8.61E-04	7.68E-10	1.0E+06	7.7E-04	5		
19	0.14192	6.39E-03	9.1E-04	1.05E-03	9.48E-07	8.61E-04	8.17E-10	1.0E+06	8.2E-04	5		
20	0.1501	6.39E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.64E-10	1.0E+06	8.6E-04	5		
21	0.15756	6.39E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.07E-10	1.0E+06	9.1E-04	5		
22	0.16386	6.39E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.43E-10	1.0E+06	9.4E-04	5		
23	0.16866	6.39E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.70E-10	1.0E+06	9.7E-04	5		
24	0.1717	6.39E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.88E-10	1.0E+06	9.9E-04	5		
25	0.1729	6.39E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.95E-10	1.0E+06	9.9E-04	5		
26	0.05564	6.39E-03	3.6E-04	1.05E-03	3.72E-07	8.61E-04	3.20E-10	1.0E+06	3.2E-04	5		
27	0.05836	6.39E-03	3.7E-04	1.05E-03	3.90E-07	8.61E-04	3.36E-10	1.0E+06	3.4E-04	5		
28	0.05928	6.39E-03	3.8E-04	1.05E-03	3.96E-07	8.61E-04	3.41E-10	1.0E+06	3.4E-04	5		
29	0.08146	6.39E-03	5.2E-04	1.05E-03	5.44E-07	8.61E-04	4.69E-10	1.0E+06	4.7E-04	5		
30	0.08508	6.39E-03	5.4E-04	1.05E-03	5.69E-07	8.61E-04	4.90E-10	1.0E+06	4.9E-04	5		
31	0.08856	6.39E-03	5.7E-04	1.05E-03	5.92E-07	8.61E-04	5.10E-10	1.0E+06	5.1E-04	5		



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
32	0.09187	6.39E-03	5.9E-04	1.05E-03	6.14E-07	8.61E-04	5.29E-10	1.0E+06	5.3E-04	5
33	0.09502	6.39E-03	6.1E-04	1.05E-03	6.35E-07	8.61E-04	5.47E-10	1.0E+06	5.5E-04	5
34	0.09812	6.39E-03	6.3E-04	1.05E-03	6.56E-07	8.61E-04	5.65E-10	1.0E+06	5.6E-04	5
35	0.10134	6.39E-03	6.5E-04	1.05E-03	6.77E-07	8.61E-04	5.83E-10	1.0E+06	5.8E-04	5
36	0.10488	6.39E-03	6.7E-04	1.05E-03	7.01E-07	8.61E-04	6.03E-10	1.0E+06	6.0E-04	5
37	0.1093	6.39E-03	7.0E-04	1.05E-03	7.30E-07	8.61E-04	6.29E-10	1.0E+06	6.3E-04	5
38	0.11467	6.39E-03	7.3E-04	1.05E-03	7.66E-07	8.61E-04	6.60E-10	1.0E+06	6.6E-04	5
39	0.1209	6.39E-03	7.7E-04	1.05E-03	8.08E-07	8.61E-04	6.96E-10	1.0E+06	7.0E-04	5
40	0.1285	6.39E-03	8.2E-04	1.05E-03	8.59E-07	8.61E-04	7.39E-10	1.0E+06	7.4E-04	5
41	0.13754	6.39E-03	8.8E-04	1.05E-03	9.19E-07	8.61E-04	7.91E-10	1.0E+06	7.9E-04	5
42	0.14736	6.39E-03	9.4E-04	1.05E-03	9.85E-07	8.61E-04	8.48E-10	1.0E+06	8.5E-04	5
43	0.15761	6.39E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.07E-10	1.0E+06	9.1E-04	5
44	0.16775	6.39E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.65E-10	1.0E+06	9.7E-04	5
45	0.17712	6.39E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03	5
46	0.18512	6.39E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03	5
47	0.19121	6.39E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03	5
48	0.19506	6.39E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03	5
49	0.1965	6.39E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03	5
50	0.19556	6.39E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03	5
51	0.06005	6.39E-03	3.8E-04	1.05E-03	4.01E-07	8.61E-04	3.46E-10	1.0E+06	3.5E-04	5
52	0.06315	6.39E-03	4.0E-04	1.05E-03	4.22E-07	8.61E-04	3.63E-10	1.0E+06	3.6E-04	5
53	0.06431	6.39E-03	4.1E-04	1.05E-03	4.30E-07	8.61E-04	3.70E-10	1.0E+06	3.7E-04	5
54	0.09084	6.39E-03	5.8E-04	1.05E-03	6.07E-07	8.61E-04	5.23E-10	1.0E+06	5.2E-04	5
55	0.09538	6.39E-03	6.1E-04	1.05E-03	6.37E-07	8.61E-04	5.49E-10	1.0E+06	5.5E-04	5
56	0.09977	6.39E-03	6.4E-04	1.05E-03	6.67E-07	8.61E-04	5.74E-10	1.0E+06	5.7E-04	5
57	0.10398	6.39E-03	6.6E-04	1.05E-03	6.95E-07	8.61E-04	5.98E-10	1.0E+06	6.0E-04	5
58	0.108	6.39E-03	6.9E-04	1.05E-03	7.22E-07	8.61E-04	6.21E-10	1.0E+06	6.2E-04	5
59	0.11198	6.39E-03	7.2E-04	1.05E-03	7.48E-07	8.61E-04	6.44E-10	1.0E+06	6.4E-04	5
60	0.11609	6.39E-03	7.4E-04	1.05E-03	7.76E-07	8.61E-04	6.68E-10	1.0E+06	6.7E-04	5
61	0.12062	6.39E-03	7.7E-04	1.05E-03	8.06E-07	8.61E-04	6.94E-10	1.0E+06	6.9E-04	5
62	0.12645	6.39E-03	8.1E-04	1.05E-03	8.45E-07	8.61E-04	7.28E-10	1.0E+06	7.3E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
63	0.13334	6.39E-03	8.5E-04	1.05E-03	8.91E-07	8.61E-04	7.67E-10	1.0E+06	7.7E-04	5
64	0.14162	6.39E-03	9.1E-04	1.05E-03	9.46E-07	8.61E-04	8.15E-10	1.0E+06	8.1E-04	5
65	0.15169	6.39E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.73E-10	1.0E+06	8.7E-04	5
66	0.16349	6.39E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.41E-10	1.0E+06	9.4E-04	5
67	0.17599	6.39E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03	5
68	0.18868	6.39E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03	5
69	0.20063	6.39E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.15E-09	1.0E+06	1.2E-03	5
70	0.21095	6.39E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03	5
71	0.21885	6.39E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03	5
72	0.2238	6.39E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03	5
73	0.22558	6.39E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03	5
74	0.22422	6.39E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03	5
75	0.22	6.39E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03	5
76	0.06504	6.39E-03	4.2E-04	1.05E-03	4.35E-07	8.61E-04	3.74E-10	1.0E+06	3.7E-04	5
77	0.06861	6.39E-03	4.4E-04	1.05E-03	4.58E-07	8.61E-04	3.95E-10	1.0E+06	3.9E-04	5
78	0.07017	6.39E-03	4.5E-04	1.05E-03	4.69E-07	8.61E-04	4.04E-10	1.0E+06	4.0E-04	5
79	0.10196	6.39E-03	6.5E-04	1.05E-03	6.81E-07	8.61E-04	5.87E-10	1.0E+06	5.9E-04	5
80	0.10775	6.39E-03	6.9E-04	1.05E-03	7.20E-07	8.61E-04	6.20E-10	1.0E+06	6.2E-04	5
81	0.11338	6.39E-03	7.2E-04	1.05E-03	7.58E-07	8.61E-04	6.52E-10	1.0E+06	6.5E-04	5
82	0.11881	6.39E-03	7.6E-04	1.05E-03	7.94E-07	8.61E-04	6.84E-10	1.0E+06	6.8E-04	5
83	0.12405	6.39E-03	7.9E-04	1.05E-03	8.29E-07	8.61E-04	7.14E-10	1.0E+06	7.1E-04	5
84	0.12923	6.39E-03	8.3E-04	1.05E-03	8.64E-07	8.61E-04	7.44E-10	1.0E+06	7.4E-04	5
85	0.13459	6.39E-03	8.6E-04	1.05E-03	8.99E-07	8.61E-04	7.74E-10	1.0E+06	7.7E-04	5
86	0.14103	6.39E-03	9.0E-04	1.05E-03	9.42E-07	8.61E-04	8.11E-10	1.0E+06	8.1E-04	5
87	0.14849	6.39E-03	9.5E-04	1.05E-03	9.92E-07	8.61E-04	8.54E-10	1.0E+06	8.5E-04	5
88	0.15741	6.39E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.06E-10	1.0E+06	9.1E-04	5
89	0.16864	6.39E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.70E-10	1.0E+06	9.7E-04	5
90	0.18227	6.39E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03	5
91	0.19771	6.39E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03	5
92	0.21369	6.39E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03	5
93	0.22914	6.39E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
94	0.2427	6.39E-03	1.6E-03	1.05E-03	1.62E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03	5
95	0.25317	6.39E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03	5
96	0.25973	6.39E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03	5
97	0.26198	6.39E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03	5
98	0.26001	6.39E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03	5
99	0.25425	6.39E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03	5
100	0.24536	6.39E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03	5
101	0.07066	6.39E-03	4.5E-04	1.05E-03	4.72E-07	8.61E-04	4.07E-10	1.0E+06	4.1E-04	5
102	0.07484	6.39E-03	4.8E-04	1.05E-03	5.00E-07	8.61E-04	4.31E-10	1.0E+06	4.3E-04	5
103	0.07699	6.39E-03	4.9E-04	1.05E-03	5.14E-07	8.61E-04	4.43E-10	1.0E+06	4.4E-04	5
104	0.11528	6.39E-03	7.4E-04	1.05E-03	7.70E-07	8.61E-04	6.63E-10	1.0E+06	6.6E-04	5
105	0.12276	6.39E-03	7.8E-04	1.05E-03	8.20E-07	8.61E-04	7.06E-10	1.0E+06	7.1E-04	5
106	0.13013	6.39E-03	8.3E-04	1.05E-03	8.70E-07	8.61E-04	7.49E-10	1.0E+06	7.5E-04	5
107	0.13728	6.39E-03	8.8E-04	1.05E-03	9.17E-07	8.61E-04	7.90E-10	1.0E+06	7.9E-04	5
108	0.14424	6.39E-03	9.2E-04	1.05E-03	9.64E-07	8.61E-04	8.30E-10	1.0E+06	8.3E-04	5
109	0.15109	6.39E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.69E-10	1.0E+06	8.7E-04	5
110	0.15835	6.39E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.11E-10	1.0E+06	9.1E-04	5
111	0.16721	6.39E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.62E-10	1.0E+06	9.6E-04	5
112	0.17687	6.39E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03	5
113	0.18922	6.39E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03	5
114	0.20482	6.39E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03	5
115	0.22345	6.39E-03	1.4E-03	1.05E-03	1.49E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03	5
116	0.24382	6.39E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03	5
117	0.26406	6.39E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03	5
118	0.28224	6.39E-03	1.8E-03	1.05E-03	1.89E-06	8.61E-04	1.62E-09	1.0E+06	1.6E-03	5
119	0.29648	6.39E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03	5
120	0.3054	6.39E-03	2.0E-03	1.05E-03	2.04E-06	8.61E-04	1.76E-09	1.0E+06	1.8E-03	5
121	0.30838	6.39E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03	5
122	0.30551	6.39E-03	2.0E-03	1.05E-03	2.04E-06	8.61E-04	1.76E-09	1.0E+06	1.8E-03	5
123	0.29749	6.39E-03	1.9E-03	1.05E-03	1.99E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03	5
124	0.28534	6.39E-03	1.8E-03	1.05E-03	1.91E-06	8.61E-04	1.64E-09	1.0E+06	1.6E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
125	0.07695	6.39E-03	4.9E-04	1.05E-03	5.14E-07	8.61E-04	4.43E-10	1.0E+06	4.4E-04	5
126	0.08188	6.39E-03	5.2E-04	1.05E-03	5.47E-07	8.61E-04	4.71E-10	1.0E+06	4.7E-04	5
127	0.0848	6.39E-03	5.4E-04	1.05E-03	5.67E-07	8.61E-04	4.88E-10	1.0E+06	4.9E-04	5
128	0.14121	6.39E-03	9.0E-04	1.05E-03	9.44E-07	8.61E-04	8.12E-10	1.0E+06	8.1E-04	5
129	0.15102	6.39E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.69E-10	1.0E+06	8.7E-04	5
130	0.16069	6.39E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.25E-10	1.0E+06	9.2E-04	5
131	0.17009	6.39E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.79E-10	1.0E+06	9.8E-04	5
132	0.17937	6.39E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03	5
133	0.18971	6.39E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03	5
134	0.20127	6.39E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03	5
135	0.21484	6.39E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03	5
136	0.23245	6.39E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03	5
137	0.25464	6.39E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03	5
138	0.28047	6.39E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03	5
139	0.30723	6.39E-03	2.0E-03	1.05E-03	2.05E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03	5
140	0.33215	6.39E-03	2.1E-03	1.05E-03	2.22E-06	8.61E-04	1.91E-09	1.0E+06	1.9E-03	5
141	0.35208	6.39E-03	2.3E-03	1.05E-03	2.35E-06	8.61E-04	2.03E-09	1.0E+06	2.0E-03	5
142	0.36464	6.39E-03	2.3E-03	1.05E-03	2.44E-06	8.61E-04	2.10E-09	1.0E+06	2.1E-03	5
143	0.36874	6.39E-03	2.4E-03	1.05E-03	2.46E-06	8.61E-04	2.12E-09	1.0E+06	2.1E-03	5
144	0.36453	6.39E-03	2.3E-03	1.05E-03	2.44E-06	8.61E-04	2.10E-09	1.0E+06	2.1E-03	5
145	0.35313	6.39E-03	2.3E-03	1.05E-03	2.36E-06	8.61E-04	2.03E-09	1.0E+06	2.0E-03	5
146	0.33619	6.39E-03	2.1E-03	1.05E-03	2.25E-06	8.61E-04	1.93E-09	1.0E+06	1.9E-03	5
147	0.08393	6.39E-03	5.4E-04	1.05E-03	5.61E-07	8.61E-04	4.83E-10	1.0E+06	4.8E-04	5
148	0.08984	6.39E-03	5.7E-04	1.05E-03	6.00E-07	8.61E-04	5.17E-10	1.0E+06	5.2E-04	5
149	0.09399	6.39E-03	6.0E-04	1.05E-03	6.28E-07	8.61E-04	5.41E-10	1.0E+06	5.4E-04	5
150	0.16419	6.39E-03	1.0E-03	1.05E-03	1.10E-06	8.61E-04	9.45E-10	1.0E+06	9.4E-04	5
151	0.17751	6.39E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03	5
152	0.19084	6.39E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03	5
153	0.20393	6.39E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03	5
154	0.21688	6.39E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.2E-03	5
155	0.23205	6.39E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
156	0.24754	6.39E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03	5
157	0.26727	6.39E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03	5
158	0.29328	6.39E-03	1.9E-03	1.05E-03	1.96E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03	5
159	0.32558	6.39E-03	2.1E-03	1.05E-03	2.18E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03	5
160	0.36139	6.39E-03	2.3E-03	1.05E-03	2.41E-06	8.61E-04	2.08E-09	1.0E+06	2.1E-03	5
161	0.39593	6.39E-03	2.5E-03	1.05E-03	2.65E-06	8.61E-04	2.28E-09	1.0E+06	2.3E-03	5
162	0.42472	6.39E-03	2.7E-03	1.05E-03	2.84E-06	8.61E-04	2.44E-09	1.0E+06	2.4E-03	5
163	0.44317	6.39E-03	2.8E-03	1.05E-03	2.96E-06	8.61E-04	2.55E-09	1.0E+06	2.5E-03	5
164	0.4492	6.39E-03	2.9E-03	1.05E-03	3.00E-06	8.61E-04	2.58E-09	1.0E+06	2.6E-03	5
165	0.44294	6.39E-03	2.8E-03	1.05E-03	2.96E-06	8.61E-04	2.55E-09	1.0E+06	2.5E-03	5
166	0.42633	6.39E-03	2.7E-03	1.05E-03	2.85E-06	8.61E-04	2.45E-09	1.0E+06	2.5E-03	5
167	0.40213	6.39E-03	2.6E-03	1.05E-03	2.69E-06	8.61E-04	2.31E-09	1.0E+06	2.3E-03	5
168	0.37322	6.39E-03	2.4E-03	1.05E-03	2.49E-06	8.61E-04	2.15E-09	1.0E+06	2.1E-03	5
169	0.09161	6.39E-03	5.9E-04	1.05E-03	6.12E-07	8.61E-04	5.27E-10	1.0E+06	5.3E-04	5
170	0.09872	6.39E-03	6.3E-04	1.05E-03	6.60E-07	8.61E-04	5.68E-10	1.0E+06	5.7E-04	5
171	0.10469	6.39E-03	6.7E-04	1.05E-03	7.00E-07	8.61E-04	6.02E-10	1.0E+06	6.0E-04	5
172	0.11063	6.39E-03	7.1E-04	1.05E-03	7.39E-07	8.61E-04	6.37E-10	1.0E+06	6.4E-04	5
173	0.19323	6.39E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03	5
174	0.21175	6.39E-03	1.4E-03	1.05E-03	1.41E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03	5
175	0.2307	6.39E-03	1.5E-03	1.05E-03	1.54E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03	5
176	0.24944	6.39E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03	5
177	0.26874	6.39E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.5E-03	5
178	0.28991	6.39E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03	5
179	0.31268	6.39E-03	2.0E-03	1.05E-03	2.09E-06	8.61E-04	1.80E-09	1.0E+06	1.8E-03	5
180	0.34269	6.39E-03	2.2E-03	1.05E-03	2.29E-06	8.61E-04	1.97E-09	1.0E+06	2.0E-03	5
181	0.38232	6.39E-03	2.4E-03	1.05E-03	2.55E-06	8.61E-04	2.20E-09	1.0E+06	2.2E-03	5
182	0.43009	6.39E-03	2.7E-03	1.05E-03	2.87E-06	8.61E-04	2.47E-09	1.0E+06	2.5E-03	5
183	0.52516	6.39E-03	3.4E-03	1.05E-03	3.51E-06	8.61E-04	3.02E-09	1.0E+06	3.0E-03	5
184	0.48956	6.39E-03	3.1E-03	1.05E-03	3.27E-06	8.61E-04	2.82E-09	1.0E+06	2.8E-03	5
185	0.10852	6.39E-03	6.9E-04	1.05E-03	7.25E-07	8.61E-04	6.24E-10	1.0E+06	6.2E-04	5
186	0.11669	6.39E-03	7.5E-04	1.05E-03	7.80E-07	8.61E-04	6.71E-10	1.0E+06	6.7E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
187	0.12406	6.39E-03	7.9E-04	1.05E-03	8.29E-07	8.61E-04	7.14E-10	1.0E+06	7.1E-04	5
188	0.23043	6.39E-03	1.5E-03	1.05E-03	1.54E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03	5
189	0.25678	6.39E-03	1.6E-03	1.05E-03	1.72E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03	5
190	0.28456	6.39E-03	1.8E-03	1.05E-03	1.90E-06	8.61E-04	1.64E-09	1.0E+06	1.6E-03	5
191	0.31271	6.39E-03	2.0E-03	1.05E-03	2.09E-06	8.61E-04	1.80E-09	1.0E+06	1.8E-03	5
192	0.34316	6.39E-03	2.2E-03	1.05E-03	2.29E-06	8.61E-04	1.97E-09	1.0E+06	2.0E-03	5
193	0.37324	6.39E-03	2.4E-03	1.05E-03	2.49E-06	8.61E-04	2.15E-09	1.0E+06	2.1E-03	5
194	0.40858	6.39E-03	2.6E-03	1.05E-03	2.73E-06	8.61E-04	2.35E-09	1.0E+06	2.4E-03	5
195	0.45619	6.39E-03	2.9E-03	1.05E-03	3.05E-06	8.61E-04	2.62E-09	1.0E+06	2.6E-03	5
196	0.51884	6.39E-03	3.3E-03	1.05E-03	3.47E-06	8.61E-04	2.99E-09	1.0E+06	3.0E-03	5
197	0.59047	6.39E-03	3.8E-03	1.05E-03	3.95E-06	8.61E-04	3.40E-09	1.0E+06	3.4E-03	5
198	0.12895	6.39E-03	8.2E-04	1.05E-03	8.62E-07	8.61E-04	7.42E-10	1.0E+06	7.4E-04	5
199	0.14013	6.39E-03	9.0E-04	1.05E-03	9.36E-07	8.61E-04	8.06E-10	1.0E+06	8.1E-04	5
200	0.14295	6.39E-03	9.1E-04	1.05E-03	9.55E-07	8.61E-04	8.22E-10	1.0E+06	8.2E-04	5
201	0.15794	6.39E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.09E-10	1.0E+06	9.1E-04	5
202	0.17236	6.39E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.92E-10	1.0E+06	9.9E-04	5
203	0.17657	6.39E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03	5
204	0.19856	6.39E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03	5
205	0.22228	6.39E-03	1.4E-03	1.05E-03	1.49E-06	8.61E-04	1.28E-09	1.0E+06	1.3E-03	5
206	0.22518	6.39E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03	5
207	0.25763	6.39E-03	1.6E-03	1.05E-03	1.72E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03	5
208	0.29753	6.39E-03	1.9E-03	1.05E-03	1.99E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03	5
209	0.25295	6.39E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03	5
210	0.29753	6.39E-03	1.9E-03	1.05E-03	1.99E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03	5
211	0.34934	6.39E-03	2.2E-03	1.05E-03	2.33E-06	8.61E-04	2.01E-09	1.0E+06	2.0E-03	5
212	0.33855	6.39E-03	2.2E-03	1.05E-03	2.26E-06	8.61E-04	1.95E-09	1.0E+06	1.9E-03	5
213	0.41187	6.39E-03	2.6E-03	1.05E-03	2.75E-06	8.61E-04	2.37E-09	1.0E+06	2.4E-03	5
214	0.50126	6.39E-03	3.2E-03	1.05E-03	3.35E-06	8.61E-04	2.88E-09	1.0E+06	2.9E-03	5
215	0.3843	6.39E-03	2.5E-03	1.05E-03	2.57E-06	8.61E-04	2.21E-09	1.0E+06	2.2E-03	5
216	0.47649	6.39E-03	3.0E-03	1.05E-03	3.18E-06	8.61E-04	2.74E-09	1.0E+06	2.7E-03	5
217	0.59475	6.39E-03	3.8E-03	1.05E-03	3.97E-06	8.61E-04	3.42E-09	1.0E+06	3.4E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
218	0.70465	6.39E-03	4.5E-03	1.05E-03	4.71E-06	8.61E-04	4.05E-09	1.0E+06	4.1E-03	5
219	0.9481	6.39E-03	6.1E-03	1.05E-03	6.34E-06	8.61E-04	5.46E-09	1.0E+06	5.5E-03	5
220	0.81983	6.39E-03	5.2E-03	1.05E-03	5.48E-06	8.61E-04	4.72E-09	1.0E+06	4.7E-03	5
221	1.10575	6.39E-03	7.1E-03	1.05E-03	7.39E-06	8.61E-04	6.36E-09	1.0E+06	6.4E-03	5
222	0.90067	6.39E-03	5.8E-03	1.05E-03	6.02E-06	8.61E-04	5.18E-09	1.0E+06	5.2E-03	5
223	1.19942	6.39E-03	7.7E-03	1.05E-03	8.01E-06	8.61E-04	6.90E-09	1.0E+06	6.9E-03	5
224	1.67685	6.39E-03	1.1E-02	1.05E-03	1.12E-05	8.61E-04	9.65E-09	1.0E+06	9.6E-03	5
225	1.17946	6.39E-03	7.5E-03	1.05E-03	7.88E-06	8.61E-04	6.79E-09	1.0E+06	6.8E-03	5
226	1.5378	6.39E-03	9.8E-03	1.05E-03	1.03E-05	8.61E-04	8.85E-09	1.0E+06	8.8E-03	5
227	0.16934	6.39E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.74E-10	1.0E+06	9.7E-04	5
228	0.14857	6.39E-03	9.5E-04	1.05E-03	9.93E-07	8.61E-04	8.55E-10	1.0E+06	8.5E-04	5
229	0.13146	6.39E-03	8.4E-04	1.05E-03	8.78E-07	8.61E-04	7.56E-10	1.0E+06	7.6E-04	5
230	0.11721	6.39E-03	7.5E-04	1.05E-03	7.83E-07	8.61E-04	6.74E-10	1.0E+06	6.7E-04	5
231	0.15294	6.39E-03	9.8E-04	1.05E-03	1.02E-06	8.61E-04	8.80E-10	1.0E+06	8.8E-04	5
232	0.13534	6.39E-03	8.7E-04	1.05E-03	9.04E-07	8.61E-04	7.79E-10	1.0E+06	7.8E-04	5
233	0.12065	6.39E-03	7.7E-04	1.05E-03	8.06E-07	8.61E-04	6.94E-10	1.0E+06	6.9E-04	5
234	0.10827	6.39E-03	6.9E-04	1.05E-03	7.23E-07	8.61E-04	6.23E-10	1.0E+06	6.2E-04	5
235	0.13849	6.39E-03	8.9E-04	1.05E-03	9.25E-07	8.61E-04	7.97E-10	1.0E+06	8.0E-04	5
236	0.12359	6.39E-03	7.9E-04	1.05E-03	8.26E-07	8.61E-04	7.11E-10	1.0E+06	7.1E-04	5
237	0.11097	6.39E-03	7.1E-04	1.05E-03	7.42E-07	8.61E-04	6.38E-10	1.0E+06	6.4E-04	5
238	0.1002	6.39E-03	6.4E-04	1.05E-03	6.70E-07	8.61E-04	5.77E-10	1.0E+06	5.8E-04	5
239	1.76719	6.39E-03	1.1E-02	1.05E-03	1.18E-05	8.61E-04	1.02E-08	1.0E+06	1.0E-02	5
240	1.45797	6.39E-03	9.3E-03	1.05E-03	9.74E-06	8.61E-04	8.39E-09	1.0E+06	8.4E-03	5
241	1.21808	6.39E-03	7.8E-03	1.05E-03	8.14E-06	8.61E-04	7.01E-09	1.0E+06	7.0E-03	5
242	1.0297	6.39E-03	6.6E-03	1.05E-03	6.88E-06	8.61E-04	5.92E-09	1.0E+06	5.9E-03	5
243	1.44621	6.39E-03	9.2E-03	1.05E-03	9.66E-06	8.61E-04	8.32E-09	1.0E+06	8.3E-03	5
244	1.2211	6.39E-03	7.8E-03	1.05E-03	8.16E-06	8.61E-04	7.03E-09	1.0E+06	7.0E-03	5
245	1.03968	6.39E-03	6.6E-03	1.05E-03	6.95E-06	8.61E-04	5.98E-09	1.0E+06	6.0E-03	5
246	0.89267	6.39E-03	5.7E-03	1.05E-03	5.96E-06	8.61E-04	5.14E-09	1.0E+06	5.1E-03	5
247	1.20059	6.39E-03	7.7E-03	1.05E-03	8.02E-06	8.61E-04	6.91E-09	1.0E+06	6.9E-03	5
248	1.03363	6.39E-03	6.6E-03	1.05E-03	6.91E-06	8.61E-04	5.95E-09	1.0E+06	5.9E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
249	0.89459	6.39E-03	5.7E-03	1.05E-03	5.98E-06	8.61E-04	5.15E-09	1.0E+06	5.1E-03	5
250	0.77862	6.39E-03	5.0E-03	1.05E-03	5.20E-06	8.61E-04	4.48E-09	1.0E+06	4.5E-03	5
251	0.39359	6.39E-03	2.5E-03	1.05E-03	2.63E-06	8.61E-04	2.26E-09	1.0E+06	2.3E-03	5
252	0.35912	6.39E-03	2.3E-03	1.05E-03	2.40E-06	8.61E-04	2.07E-09	1.0E+06	2.1E-03	5
253	0.46527	6.39E-03	3.0E-03	1.05E-03	3.11E-06	8.61E-04	2.68E-09	1.0E+06	2.7E-03	5
254	0.42562	6.39E-03	2.7E-03	1.05E-03	2.84E-06	8.61E-04	2.45E-09	1.0E+06	2.4E-03	5
255	0.35709	6.39E-03	2.3E-03	1.05E-03	2.39E-06	8.61E-04	2.05E-09	1.0E+06	2.1E-03	5
256	0.3278	6.39E-03	2.1E-03	1.05E-03	2.19E-06	8.61E-04	1.89E-09	1.0E+06	1.9E-03	5
257	0.25688	6.39E-03	1.6E-03	1.05E-03	1.72E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03	5
258	0.41518	6.39E-03	2.7E-03	1.05E-03	2.77E-06	8.61E-04	2.39E-09	1.0E+06	2.4E-03	5
259	0.38248	6.39E-03	2.4E-03	1.05E-03	2.56E-06	8.61E-04	2.20E-09	1.0E+06	2.2E-03	5
260	0.35238	6.39E-03	2.3E-03	1.05E-03	2.35E-06	8.61E-04	2.03E-09	1.0E+06	2.0E-03	5
261	0.32494	6.39E-03	2.1E-03	1.05E-03	2.17E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03	5
262	0.29998	6.39E-03	1.9E-03	1.05E-03	2.00E-06	8.61E-04	1.73E-09	1.0E+06	1.7E-03	5
263	0.23841	6.39E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03	5
264	0.34505	6.39E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03	5
265	0.31985	6.39E-03	2.0E-03	1.05E-03	2.14E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03	5
266	0.29658	6.39E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03	5
267	0.27521	6.39E-03	1.8E-03	1.05E-03	1.84E-06	8.61E-04	1.58E-09	1.0E+06	1.6E-03	5
268	0.22169	6.39E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.28E-09	1.0E+06	1.3E-03	5
269	0.33958	6.39E-03	2.2E-03	1.05E-03	2.27E-06	8.61E-04	1.95E-09	1.0E+06	2.0E-03	5
270	0.28565	6.39E-03	1.8E-03	1.05E-03	1.91E-06	8.61E-04	1.64E-09	1.0E+06	1.6E-03	5
271	0.24311	6.39E-03	1.6E-03	1.05E-03	1.62E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03	5
272	0.20914	6.39E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03	5
273	0.18172	6.39E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03	5
274	0.15936	6.39E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.17E-10	1.0E+06	9.2E-04	5
275	0.14093	6.39E-03	9.0E-04	1.05E-03	9.42E-07	8.61E-04	8.11E-10	1.0E+06	8.1E-04	5
276	0.30824	6.39E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03	5
277	0.25942	6.39E-03	1.7E-03	1.05E-03	1.73E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03	5
278	0.22119	6.39E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03	5
279	0.19078	6.39E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03	5



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
280	0.16629	6.39E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.57E-10	1.0E+06	9.6E-04	5
281	0.14631	6.39E-03	9.4E-04	1.05E-03	9.78E-07	8.61E-04	8.42E-10	1.0E+06	8.4E-04	5
282	0.12982	6.39E-03	8.3E-04	1.05E-03	8.67E-07	8.61E-04	7.47E-10	1.0E+06	7.5E-04	5
283	0.27512	6.39E-03	1.8E-03	1.05E-03	1.84E-06	8.61E-04	1.58E-09	1.0E+06	1.6E-03	5
284	0.23269	6.39E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03	5
285	0.19943	6.39E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03	5
286	0.1729	6.39E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.95E-10	1.0E+06	9.9E-04	5
287	0.15145	6.39E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.71E-10	1.0E+06	8.7E-04	5
288	0.13388	6.39E-03	8.6E-04	1.05E-03	8.95E-07	8.61E-04	7.70E-10	1.0E+06	7.7E-04	5
289	0.11933	6.39E-03	7.6E-04	1.05E-03	7.97E-07	8.61E-04	6.87E-10	1.0E+06	6.9E-04	5
290	0.2436	6.39E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03	5
291	0.20765	6.39E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03	5
292	0.17923	6.39E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03	5
293	0.15641	6.39E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.00E-10	1.0E+06	9.0E-04	5
294	0.13783	6.39E-03	8.8E-04	1.05E-03	9.21E-07	8.61E-04	7.93E-10	1.0E+06	7.9E-04	5
295	0.12251	6.39E-03	7.8E-04	1.05E-03	8.19E-07	8.61E-04	7.05E-10	1.0E+06	7.0E-04	5
296	0.10974	6.39E-03	7.0E-04	1.05E-03	7.33E-07	8.61E-04	6.31E-10	1.0E+06	6.3E-04	5
297	0.21574	6.39E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03	5
298	0.18553	6.39E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03	5
299	0.1614	6.39E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.29E-10	1.0E+06	9.3E-04	5
300	0.14184	6.39E-03	9.1E-04	1.05E-03	9.48E-07	8.61E-04	8.16E-10	1.0E+06	8.2E-04	5
301	0.12578	6.39E-03	8.0E-04	1.05E-03	8.40E-07	8.61E-04	7.24E-10	1.0E+06	7.2E-04	5
302	0.11243	6.39E-03	7.2E-04	1.05E-03	7.51E-07	8.61E-04	6.47E-10	1.0E+06	6.5E-04	5
303	0.10121	6.39E-03	6.5E-04	1.05E-03	6.76E-07	8.61E-04	5.82E-10	1.0E+06	5.8E-04	5
304	0.1921	6.39E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03	5
305	0.16666	6.39E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.59E-10	1.0E+06	9.6E-04	5
306	0.14611	6.39E-03	9.3E-04	1.05E-03	9.76E-07	8.61E-04	8.41E-10	1.0E+06	8.4E-04	5
307	0.12927	6.39E-03	8.3E-04	1.05E-03	8.64E-07	8.61E-04	7.44E-10	1.0E+06	7.4E-04	5
308	0.11532	6.39E-03	7.4E-04	1.05E-03	7.71E-07	8.61E-04	6.64E-10	1.0E+06	6.6E-04	5
309	0.10363	6.39E-03	6.6E-04	1.05E-03	6.92E-07	8.61E-04	5.96E-10	1.0E+06	6.0E-04	5
310	0.09374	6.39E-03	6.0E-04	1.05E-03	6.26E-07	8.61E-04	5.39E-10	1.0E+06	5.4E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
311	0.17246	6.39E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.92E-10	1.0E+06	9.9E-04	5
312	0.15081	6.39E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.68E-10	1.0E+06	8.7E-04	5
313	0.13315	6.39E-03	8.5E-04	1.05E-03	8.90E-07	8.61E-04	7.66E-10	1.0E+06	7.7E-04	5
314	0.11854	6.39E-03	7.6E-04	1.05E-03	7.92E-07	8.61E-04	6.82E-10	1.0E+06	6.8E-04	5
315	0.10633	6.39E-03	6.8E-04	1.05E-03	7.11E-07	8.61E-04	6.12E-10	1.0E+06	6.1E-04	5
316	0.09602	6.39E-03	6.1E-04	1.05E-03	6.42E-07	8.61E-04	5.52E-10	1.0E+06	5.5E-04	5
317	0.08723	6.39E-03	5.6E-04	1.05E-03	5.83E-07	8.61E-04	5.02E-10	1.0E+06	5.0E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk**

<b>Chronic Non Cancer Risk</b>	
<b>Receptor #</b>	<b>HI</b>
1	6.61E-05
2	6.92E-05
3	7.02E-05
4	9.40E-05
5	9.77E-05
6	1.01E-04
7	1.05E-04
8	1.08E-04
9	1.11E-04
10	1.14E-04
11	1.18E-04
12	1.22E-04
13	1.28E-04
14	1.34E-04
15	1.41E-04
16	1.50E-04
17	1.60E-04
18	1.71E-04
19	1.81E-04
20	1.92E-04
21	2.01E-04
22	2.10E-04
23	2.16E-04
24	2.20E-04
25	2.21E-04
26	7.11E-05
27	7.46E-05
28	7.58E-05
29	1.04E-04
30	1.09E-04
31	1.13E-04

  

<b>Max</b>	<b>Receptor #</b>
0.002	239

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
32	1.17E-04
33	1.21E-04
34	1.25E-04
35	1.30E-04
36	1.34E-04
37	1.40E-04
38	1.47E-04
39	1.55E-04
40	1.64E-04
41	1.76E-04
42	1.88E-04
43	2.02E-04
44	2.14E-04
45	2.26E-04
46	2.37E-04
47	2.44E-04
48	2.49E-04
49	2.51E-04
50	2.50E-04
51	7.68E-05
52	8.07E-05
53	8.22E-05
54	1.16E-04
55	1.22E-04
56	1.28E-04
57	1.33E-04
58	1.38E-04
59	1.43E-04
60	1.48E-04
61	1.54E-04
62	1.62E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
63	1.70E-04
64	1.81E-04
65	1.94E-04
66	2.09E-04
67	2.25E-04
68	2.41E-04
69	2.57E-04
70	2.70E-04
71	2.80E-04
72	2.86E-04
73	2.88E-04
74	2.87E-04
75	2.81E-04
76	8.32E-05
77	8.77E-05
78	8.97E-05
79	1.30E-04
80	1.38E-04
81	1.45E-04
82	1.52E-04
83	1.59E-04
84	1.65E-04
85	1.72E-04
86	1.80E-04
87	1.90E-04
88	2.01E-04
89	2.16E-04
90	2.33E-04
91	2.53E-04
92	2.73E-04
93	2.93E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
94	3.10E-04
95	3.24E-04
96	3.32E-04
97	3.35E-04
98	3.32E-04
99	3.25E-04
100	3.14E-04
101	9.03E-05
102	9.57E-05
103	9.84E-05
104	1.47E-04
105	1.57E-04
106	1.66E-04
107	1.76E-04
108	1.84E-04
109	1.93E-04
110	2.02E-04
111	2.14E-04
112	2.26E-04
113	2.42E-04
114	2.62E-04
115	2.86E-04
116	3.12E-04
117	3.38E-04
118	3.61E-04
119	3.79E-04
120	3.90E-04
121	3.94E-04
122	3.91E-04
123	3.80E-04
124	3.65E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
125	9.84E-05
126	1.05E-04
127	1.08E-04
128	1.81E-04
129	1.93E-04
130	2.05E-04
131	2.17E-04
132	2.29E-04
133	2.43E-04
134	2.57E-04
135	2.75E-04
136	2.97E-04
137	3.26E-04
138	3.59E-04
139	3.93E-04
140	4.25E-04
141	4.50E-04
142	4.66E-04
143	4.71E-04
144	4.66E-04
145	4.52E-04
146	4.30E-04
147	1.07E-04
148	1.15E-04
149	1.20E-04
150	2.10E-04
151	2.27E-04
152	2.44E-04
153	2.61E-04
154	2.77E-04
155	2.97E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
156	3.17E-04
157	3.42E-04
158	3.75E-04
159	4.16E-04
160	4.62E-04
161	5.06E-04
162	5.43E-04
163	5.67E-04
164	5.74E-04
165	5.66E-04
166	5.45E-04
167	5.14E-04
168	4.77E-04
169	1.17E-04
170	1.26E-04
171	1.34E-04
172	1.41E-04
173	2.47E-04
174	2.71E-04
175	2.95E-04
176	3.19E-04
177	3.44E-04
178	3.71E-04
179	4.00E-04
180	4.38E-04
181	4.89E-04
182	5.50E-04
183	6.71E-04
184	6.26E-04
185	1.39E-04
186	1.49E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
187	1.59E-04
188	2.95E-04
189	3.28E-04
190	3.64E-04
191	4.00E-04
192	4.39E-04
193	4.77E-04
194	5.22E-04
195	5.83E-04
196	6.63E-04
197	7.55E-04
198	1.65E-04
199	1.79E-04
200	1.83E-04
201	2.02E-04
202	2.20E-04
203	2.26E-04
204	2.54E-04
205	2.84E-04
206	2.88E-04
207	3.29E-04
208	3.80E-04
209	3.23E-04
210	3.80E-04
211	4.47E-04
212	4.33E-04
213	5.27E-04
214	6.41E-04
215	4.91E-04
216	6.09E-04
217	7.60E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
218	9.01E-04
219	1.21E-03
220	1.05E-03
221	1.41E-03
222	1.15E-03
223	1.53E-03
224	2.14E-03
225	1.51E-03
226	1.97E-03
227	2.17E-04
228	1.90E-04
229	1.68E-04
230	1.50E-04
231	1.96E-04
232	1.73E-04
233	1.54E-04
234	1.38E-04
235	1.77E-04
236	1.58E-04
237	1.42E-04
238	1.28E-04
239	2.26E-03
240	1.86E-03
241	1.56E-03
242	1.32E-03
243	1.85E-03
244	1.56E-03
245	1.33E-03
246	1.14E-03
247	1.54E-03
248	1.32E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
249	1.14E-03
250	9.96E-04
251	5.03E-04
252	4.59E-04
253	5.95E-04
254	5.44E-04
255	4.57E-04
256	4.19E-04
257	3.28E-04
258	5.31E-04
259	4.89E-04
260	4.51E-04
261	4.15E-04
262	3.84E-04
263	3.05E-04
264	4.41E-04
265	4.09E-04
266	3.79E-04
267	3.52E-04
268	2.83E-04
269	4.34E-04
270	3.65E-04
271	3.11E-04
272	2.67E-04
273	2.32E-04
274	2.04E-04
275	1.80E-04
276	3.94E-04
277	3.32E-04
278	2.83E-04
279	2.44E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
280	2.13E-04
281	1.87E-04
282	1.66E-04
283	3.52E-04
284	2.98E-04
285	2.55E-04
286	2.21E-04
287	1.94E-04
288	1.71E-04
289	1.53E-04
290	3.11E-04
291	2.66E-04
292	2.29E-04
293	2.00E-04
294	1.76E-04
295	1.57E-04
296	1.40E-04
297	2.76E-04
298	2.37E-04
299	2.06E-04
300	1.81E-04
301	1.61E-04
302	1.44E-04
303	1.29E-04
304	2.46E-04
305	2.13E-04
306	1.87E-04
307	1.65E-04
308	1.47E-04
309	1.33E-04
310	1.20E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Site Preparation Risk**

***Chronic Non Cancer Risk***

<b>Receptor #</b>	<b>HI</b>
311	2.21E-04
312	1.93E-04
313	1.70E-04
314	1.52E-04
315	1.36E-04
316	1.23E-04
317	1.12E-04

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Parcel 3-E: Unmitigated - Parcel 3 - Grading Risk

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05173	7.62E-03	3.9E-04	1.05E-03	4.12E-07	8.61E-04	3.55E-10	1.0E+06	3.5E-04
2	0.05415	7.62E-03	4.1E-04	1.05E-03	4.31E-07	8.61E-04	3.71E-10	1.0E+06	3.7E-04
3	0.05491	7.62E-03	4.2E-04	1.05E-03	4.37E-07	8.61E-04	3.76E-10	1.0E+06	3.8E-04
4	0.07352	7.62E-03	5.6E-04	1.05E-03	5.85E-07	8.61E-04	5.04E-10	1.0E+06	5.0E-04
5	0.07642	7.62E-03	5.8E-04	1.05E-03	6.08E-07	8.61E-04	5.24E-10	1.0E+06	5.2E-04
6	0.07919	7.62E-03	6.0E-04	1.05E-03	6.30E-07	8.61E-04	5.43E-10	1.0E+06	5.4E-04
7	0.08182	7.62E-03	6.2E-04	1.05E-03	6.51E-07	8.61E-04	5.61E-10	1.0E+06	5.6E-04
8	0.08434	7.62E-03	6.4E-04	1.05E-03	6.71E-07	8.61E-04	5.78E-10	1.0E+06	5.8E-04
9	0.08683	7.62E-03	6.6E-04	1.05E-03	6.91E-07	8.61E-04	5.95E-10	1.0E+06	6.0E-04
10	0.08941	7.62E-03	6.8E-04	1.05E-03	7.12E-07	8.61E-04	6.13E-10	1.0E+06	6.1E-04
11	0.09224	7.62E-03	7.0E-04	1.05E-03	7.34E-07	8.61E-04	6.32E-10	1.0E+06	6.3E-04
12	0.09557	7.62E-03	7.3E-04	1.05E-03	7.61E-07	8.61E-04	6.55E-10	1.0E+06	6.6E-04
13	0.09975	7.62E-03	7.6E-04	1.05E-03	7.94E-07	8.61E-04	6.84E-10	1.0E+06	6.8E-04
14	0.10466	7.62E-03	8.0E-04	1.05E-03	8.33E-07	8.61E-04	7.17E-10	1.0E+06	7.2E-04
15	0.11049	7.62E-03	8.4E-04	1.05E-03	8.79E-07	8.61E-04	7.57E-10	1.0E+06	7.6E-04
16	0.11744	7.62E-03	8.9E-04	1.05E-03	9.35E-07	8.61E-04	8.05E-10	1.0E+06	8.0E-04
17	0.12525	7.62E-03	9.5E-04	1.05E-03	9.97E-07	8.61E-04	8.58E-10	1.0E+06	8.6E-04
18	0.13349	7.62E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.15E-10	1.0E+06	9.1E-04
19	0.14192	7.62E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.73E-10	1.0E+06	9.7E-04
20	0.1501	7.62E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
21	0.15756	7.62E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
22	0.16386	7.62E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
23	0.16866	7.62E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
24	0.1717	7.62E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
25	0.1729	7.62E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
26	0.05564	7.62E-03	4.2E-04	1.05E-03	4.43E-07	8.61E-04	3.81E-10	1.0E+06	3.8E-04
27	0.05836	7.62E-03	4.4E-04	1.05E-03	4.65E-07	8.61E-04	4.00E-10	1.0E+06	4.0E-04
28	0.05928	7.62E-03	4.5E-04	1.05E-03	4.72E-07	8.61E-04	4.06E-10	1.0E+06	4.1E-04
29	0.08146	7.62E-03	6.2E-04	1.05E-03	6.48E-07	8.61E-04	5.58E-10	1.0E+06	5.6E-04
30	0.08508	7.62E-03	6.5E-04	1.05E-03	6.77E-07	8.61E-04	5.83E-10	1.0E+06	5.8E-04
31	0.08856	7.62E-03	6.7E-04	1.05E-03	7.05E-07	8.61E-04	6.07E-10	1.0E+06	6.1E-04

<b>Max</b>	<b>Receptor #</b>
0.012	239

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
32	0.09187	7.62E-03	7.0E-04	1.05E-03	7.31E-07	8.61E-04	6.30E-10	1.0E+06	6.3E-04
33	0.09502	7.62E-03	7.2E-04	1.05E-03	7.56E-07	8.61E-04	6.51E-10	1.0E+06	6.5E-04
34	0.09812	7.62E-03	7.5E-04	1.05E-03	7.81E-07	8.61E-04	6.72E-10	1.0E+06	6.7E-04
35	0.10134	7.62E-03	7.7E-04	1.05E-03	8.07E-07	8.61E-04	6.95E-10	1.0E+06	6.9E-04
36	0.10488	7.62E-03	8.0E-04	1.05E-03	8.35E-07	8.61E-04	7.19E-10	1.0E+06	7.2E-04
37	0.1093	7.62E-03	8.3E-04	1.05E-03	8.70E-07	8.61E-04	7.49E-10	1.0E+06	7.5E-04
38	0.11467	7.62E-03	8.7E-04	1.05E-03	9.13E-07	8.61E-04	7.86E-10	1.0E+06	7.9E-04
39	0.1209	7.62E-03	9.2E-04	1.05E-03	9.62E-07	8.61E-04	8.29E-10	1.0E+06	8.3E-04
40	0.1285	7.62E-03	9.8E-04	1.05E-03	1.02E-06	8.61E-04	8.81E-10	1.0E+06	8.8E-04
41	0.13754	7.62E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.43E-10	1.0E+06	9.4E-04
42	0.14736	7.62E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
43	0.15761	7.62E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
44	0.16775	7.62E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03
45	0.17712	7.62E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
46	0.18512	7.62E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
47	0.19121	7.62E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
48	0.19506	7.62E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
49	0.1965	7.62E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03
50	0.19556	7.62E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
51	0.06005	7.62E-03	4.6E-04	1.05E-03	4.78E-07	8.61E-04	4.12E-10	1.0E+06	4.1E-04
52	0.06315	7.62E-03	4.8E-04	1.05E-03	5.03E-07	8.61E-04	4.33E-10	1.0E+06	4.3E-04
53	0.06431	7.62E-03	4.9E-04	1.05E-03	5.12E-07	8.61E-04	4.41E-10	1.0E+06	4.4E-04
54	0.09084	7.62E-03	6.9E-04	1.05E-03	7.23E-07	8.61E-04	6.23E-10	1.0E+06	6.2E-04
55	0.09538	7.62E-03	7.3E-04	1.05E-03	7.59E-07	8.61E-04	6.54E-10	1.0E+06	6.5E-04
56	0.09977	7.62E-03	7.6E-04	1.05E-03	7.94E-07	8.61E-04	6.84E-10	1.0E+06	6.8E-04
57	0.10398	7.62E-03	7.9E-04	1.05E-03	8.28E-07	8.61E-04	7.13E-10	1.0E+06	7.1E-04
58	0.108	7.62E-03	8.2E-04	1.05E-03	8.60E-07	8.61E-04	7.40E-10	1.0E+06	7.4E-04
59	0.11198	7.62E-03	8.5E-04	1.05E-03	8.91E-07	8.61E-04	7.67E-10	1.0E+06	7.7E-04
60	0.11609	7.62E-03	8.8E-04	1.05E-03	9.24E-07	8.61E-04	7.96E-10	1.0E+06	8.0E-04
61	0.12062	7.62E-03	9.2E-04	1.05E-03	9.60E-07	8.61E-04	8.27E-10	1.0E+06	8.3E-04
62	0.12645	7.62E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.67E-10	1.0E+06	8.7E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.13334	7.62E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.14E-10	1.0E+06	9.1E-04
64	0.14162	7.62E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.71E-10	1.0E+06	9.7E-04
65	0.15169	7.62E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
66	0.16349	7.62E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
67	0.17599	7.62E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
68	0.18868	7.62E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
69	0.20063	7.62E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
70	0.21095	7.62E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.45E-09	1.0E+06	1.4E-03
71	0.21885	7.62E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03
72	0.2238	7.62E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.53E-09	1.0E+06	1.5E-03
73	0.22558	7.62E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.5E-03
74	0.22422	7.62E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03
75	0.22	7.62E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
76	0.06504	7.62E-03	5.0E-04	1.05E-03	5.18E-07	8.61E-04	4.46E-10	1.0E+06	4.5E-04
77	0.06861	7.62E-03	5.2E-04	1.05E-03	5.46E-07	8.61E-04	4.70E-10	1.0E+06	4.7E-04
78	0.07017	7.62E-03	5.3E-04	1.05E-03	5.59E-07	8.61E-04	4.81E-10	1.0E+06	4.8E-04
79	0.10196	7.62E-03	7.8E-04	1.05E-03	8.12E-07	8.61E-04	6.99E-10	1.0E+06	7.0E-04
80	0.10775	7.62E-03	8.2E-04	1.05E-03	8.58E-07	8.61E-04	7.38E-10	1.0E+06	7.4E-04
81	0.11338	7.62E-03	8.6E-04	1.05E-03	9.02E-07	8.61E-04	7.77E-10	1.0E+06	7.8E-04
82	0.11881	7.62E-03	9.0E-04	1.05E-03	9.46E-07	8.61E-04	8.14E-10	1.0E+06	8.1E-04
83	0.12405	7.62E-03	9.4E-04	1.05E-03	9.87E-07	8.61E-04	8.50E-10	1.0E+06	8.5E-04
84	0.12923	7.62E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.86E-10	1.0E+06	8.9E-04
85	0.13459	7.62E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.22E-10	1.0E+06	9.2E-04
86	0.14103	7.62E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.67E-10	1.0E+06	9.7E-04
87	0.14849	7.62E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
88	0.15741	7.62E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
89	0.16864	7.62E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
90	0.18227	7.62E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.2E-03
91	0.19771	7.62E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03
92	0.21369	7.62E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
93	0.22914	7.62E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.2427	7.62E-03	1.8E-03	1.05E-03	1.93E-06	8.61E-04	1.66E-09	1.0E+06	1.7E-03
95	0.25317	7.62E-03	1.9E-03	1.05E-03	2.02E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03
96	0.25973	7.62E-03	2.0E-03	1.05E-03	2.07E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
97	0.26198	7.62E-03	2.0E-03	1.05E-03	2.09E-06	8.61E-04	1.80E-09	1.0E+06	1.8E-03
98	0.26001	7.62E-03	2.0E-03	1.05E-03	2.07E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
99	0.25425	7.62E-03	1.9E-03	1.05E-03	2.02E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03
100	0.24536	7.62E-03	1.9E-03	1.05E-03	1.95E-06	8.61E-04	1.68E-09	1.0E+06	1.7E-03
101	0.07066	7.62E-03	5.4E-04	1.05E-03	5.62E-07	8.61E-04	4.84E-10	1.0E+06	4.8E-04
102	0.07484	7.62E-03	5.7E-04	1.05E-03	5.96E-07	8.61E-04	5.13E-10	1.0E+06	5.1E-04
103	0.07699	7.62E-03	5.9E-04	1.05E-03	6.13E-07	8.61E-04	5.28E-10	1.0E+06	5.3E-04
104	0.11528	7.62E-03	8.8E-04	1.05E-03	9.18E-07	8.61E-04	7.90E-10	1.0E+06	7.9E-04
105	0.12276	7.62E-03	9.3E-04	1.05E-03	9.77E-07	8.61E-04	8.41E-10	1.0E+06	8.4E-04
106	0.13013	7.62E-03	9.9E-04	1.05E-03	1.04E-06	8.61E-04	8.92E-10	1.0E+06	8.9E-04
107	0.13728	7.62E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.41E-10	1.0E+06	9.4E-04
108	0.14424	7.62E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.89E-10	1.0E+06	9.9E-04
109	0.15109	7.62E-03	1.2E-03	1.05E-03	1.20E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
110	0.15835	7.62E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
111	0.16721	7.62E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03
112	0.17687	7.62E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
113	0.18922	7.62E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
114	0.20482	7.62E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
115	0.22345	7.62E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.53E-09	1.0E+06	1.5E-03
116	0.24382	7.62E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03
117	0.26406	7.62E-03	2.0E-03	1.05E-03	2.10E-06	8.61E-04	1.81E-09	1.0E+06	1.8E-03
118	0.28224	7.62E-03	2.1E-03	1.05E-03	2.25E-06	8.61E-04	1.93E-09	1.0E+06	1.9E-03
119	0.29648	7.62E-03	2.3E-03	1.05E-03	2.36E-06	8.61E-04	2.03E-09	1.0E+06	2.0E-03
120	0.3054	7.62E-03	2.3E-03	1.05E-03	2.43E-06	8.61E-04	2.09E-09	1.0E+06	2.1E-03
121	0.30838	7.62E-03	2.3E-03	1.05E-03	2.45E-06	8.61E-04	2.11E-09	1.0E+06	2.1E-03
122	0.30551	7.62E-03	2.3E-03	1.05E-03	2.43E-06	8.61E-04	2.09E-09	1.0E+06	2.1E-03
123	0.29749	7.62E-03	2.3E-03	1.05E-03	2.37E-06	8.61E-04	2.04E-09	1.0E+06	2.0E-03
124	0.28534	7.62E-03	2.2E-03	1.05E-03	2.27E-06	8.61E-04	1.96E-09	1.0E+06	2.0E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
125	0.07695	7.62E-03	5.9E-04	1.05E-03	6.12E-07	8.61E-04	5.27E-10	1.0E+06	5.3E-04
126	0.08188	7.62E-03	6.2E-04	1.05E-03	6.52E-07	8.61E-04	5.61E-10	1.0E+06	5.6E-04
127	0.0848	7.62E-03	6.5E-04	1.05E-03	6.75E-07	8.61E-04	5.81E-10	1.0E+06	5.8E-04
128	0.14121	7.62E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.68E-10	1.0E+06	9.7E-04
129	0.15102	7.62E-03	1.2E-03	1.05E-03	1.20E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
130	0.16069	7.62E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
131	0.17009	7.62E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
132	0.17937	7.62E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
133	0.18971	7.62E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
134	0.20127	7.62E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
135	0.21484	7.62E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03
136	0.23245	7.62E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03
137	0.25464	7.62E-03	1.9E-03	1.05E-03	2.03E-06	8.61E-04	1.75E-09	1.0E+06	1.7E-03
138	0.28047	7.62E-03	2.1E-03	1.05E-03	2.23E-06	8.61E-04	1.92E-09	1.0E+06	1.9E-03
139	0.30723	7.62E-03	2.3E-03	1.05E-03	2.45E-06	8.61E-04	2.11E-09	1.0E+06	2.1E-03
140	0.33215	7.62E-03	2.5E-03	1.05E-03	2.64E-06	8.61E-04	2.28E-09	1.0E+06	2.3E-03
141	0.35208	7.62E-03	2.7E-03	1.05E-03	2.80E-06	8.61E-04	2.41E-09	1.0E+06	2.4E-03
142	0.36464	7.62E-03	2.8E-03	1.05E-03	2.90E-06	8.61E-04	2.50E-09	1.0E+06	2.5E-03
143	0.36874	7.62E-03	2.8E-03	1.05E-03	2.94E-06	8.61E-04	2.53E-09	1.0E+06	2.5E-03
144	0.36453	7.62E-03	2.8E-03	1.05E-03	2.90E-06	8.61E-04	2.50E-09	1.0E+06	2.5E-03
145	0.35313	7.62E-03	2.7E-03	1.05E-03	2.81E-06	8.61E-04	2.42E-09	1.0E+06	2.4E-03
146	0.33619	7.62E-03	2.6E-03	1.05E-03	2.68E-06	8.61E-04	2.30E-09	1.0E+06	2.3E-03
147	0.08393	7.62E-03	6.4E-04	1.05E-03	6.68E-07	8.61E-04	5.75E-10	1.0E+06	5.8E-04
148	0.08984	7.62E-03	6.8E-04	1.05E-03	7.15E-07	8.61E-04	6.16E-10	1.0E+06	6.2E-04
149	0.09399	7.62E-03	7.2E-04	1.05E-03	7.48E-07	8.61E-04	6.44E-10	1.0E+06	6.4E-04
150	0.16419	7.62E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
151	0.17751	7.62E-03	1.4E-03	1.05E-03	1.41E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03
152	0.19084	7.62E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
153	0.20393	7.62E-03	1.6E-03	1.05E-03	1.62E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
154	0.21688	7.62E-03	1.7E-03	1.05E-03	1.73E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03
155	0.23205	7.62E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
156	0.24754	7.62E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03
157	0.26727	7.62E-03	2.0E-03	1.05E-03	2.13E-06	8.61E-04	1.83E-09	1.0E+06	1.8E-03
158	0.29328	7.62E-03	2.2E-03	1.05E-03	2.33E-06	8.61E-04	2.01E-09	1.0E+06	2.0E-03
159	0.32558	7.62E-03	2.5E-03	1.05E-03	2.59E-06	8.61E-04	2.23E-09	1.0E+06	2.2E-03
160	0.36139	7.62E-03	2.8E-03	1.05E-03	2.88E-06	8.61E-04	2.48E-09	1.0E+06	2.5E-03
161	0.39593	7.62E-03	3.0E-03	1.05E-03	3.15E-06	8.61E-04	2.71E-09	1.0E+06	2.7E-03
162	0.42472	7.62E-03	3.2E-03	1.05E-03	3.38E-06	8.61E-04	2.91E-09	1.0E+06	2.9E-03
163	0.44317	7.62E-03	3.4E-03	1.05E-03	3.53E-06	8.61E-04	3.04E-09	1.0E+06	3.0E-03
164	0.4492	7.62E-03	3.4E-03	1.05E-03	3.58E-06	8.61E-04	3.08E-09	1.0E+06	3.1E-03
165	0.44294	7.62E-03	3.4E-03	1.05E-03	3.53E-06	8.61E-04	3.04E-09	1.0E+06	3.0E-03
166	0.42633	7.62E-03	3.2E-03	1.05E-03	3.39E-06	8.61E-04	2.92E-09	1.0E+06	2.9E-03
167	0.40213	7.62E-03	3.1E-03	1.05E-03	3.20E-06	8.61E-04	2.76E-09	1.0E+06	2.8E-03
168	0.37322	7.62E-03	2.8E-03	1.05E-03	2.97E-06	8.61E-04	2.56E-09	1.0E+06	2.6E-03
169	0.09161	7.62E-03	7.0E-04	1.05E-03	7.29E-07	8.61E-04	6.28E-10	1.0E+06	6.3E-04
170	0.09872	7.62E-03	7.5E-04	1.05E-03	7.86E-07	8.61E-04	6.77E-10	1.0E+06	6.8E-04
171	0.10469	7.62E-03	8.0E-04	1.05E-03	8.33E-07	8.61E-04	7.18E-10	1.0E+06	7.2E-04
172	0.11063	7.62E-03	8.4E-04	1.05E-03	8.81E-07	8.61E-04	7.58E-10	1.0E+06	7.6E-04
173	0.19323	7.62E-03	1.5E-03	1.05E-03	1.54E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
174	0.21175	7.62E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.45E-09	1.0E+06	1.5E-03
175	0.2307	7.62E-03	1.8E-03	1.05E-03	1.84E-06	8.61E-04	1.58E-09	1.0E+06	1.6E-03
176	0.24944	7.62E-03	1.9E-03	1.05E-03	1.99E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03
177	0.26874	7.62E-03	2.0E-03	1.05E-03	2.14E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03
178	0.28991	7.62E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03
179	0.31268	7.62E-03	2.4E-03	1.05E-03	2.49E-06	8.61E-04	2.14E-09	1.0E+06	2.1E-03
180	0.34269	7.62E-03	2.6E-03	1.05E-03	2.73E-06	8.61E-04	2.35E-09	1.0E+06	2.3E-03
181	0.38232	7.62E-03	2.9E-03	1.05E-03	3.04E-06	8.61E-04	2.62E-09	1.0E+06	2.6E-03
182	0.43009	7.62E-03	3.3E-03	1.05E-03	3.42E-06	8.61E-04	2.95E-09	1.0E+06	2.9E-03
183	0.52516	7.62E-03	4.0E-03	1.05E-03	4.18E-06	8.61E-04	3.60E-09	1.0E+06	3.6E-03
184	0.48956	7.62E-03	3.7E-03	1.05E-03	3.90E-06	8.61E-04	3.36E-09	1.0E+06	3.4E-03
185	0.10852	7.62E-03	8.3E-04	1.05E-03	8.64E-07	8.61E-04	7.44E-10	1.0E+06	7.4E-04
186	0.11669	7.62E-03	8.9E-04	1.05E-03	9.29E-07	8.61E-04	8.00E-10	1.0E+06	8.0E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
187	0.12406	7.62E-03	9.4E-04	1.05E-03	9.87E-07	8.61E-04	8.50E-10	1.0E+06	8.5E-04
188	0.23043	7.62E-03	1.8E-03	1.05E-03	1.83E-06	8.61E-04	1.58E-09	1.0E+06	1.6E-03
189	0.25678	7.62E-03	2.0E-03	1.05E-03	2.04E-06	8.61E-04	1.76E-09	1.0E+06	1.8E-03
190	0.28456	7.62E-03	2.2E-03	1.05E-03	2.26E-06	8.61E-04	1.95E-09	1.0E+06	2.0E-03
191	0.31271	7.62E-03	2.4E-03	1.05E-03	2.49E-06	8.61E-04	2.14E-09	1.0E+06	2.1E-03
192	0.34316	7.62E-03	2.6E-03	1.05E-03	2.73E-06	8.61E-04	2.35E-09	1.0E+06	2.4E-03
193	0.37324	7.62E-03	2.8E-03	1.05E-03	2.97E-06	8.61E-04	2.56E-09	1.0E+06	2.6E-03
194	0.40858	7.62E-03	3.1E-03	1.05E-03	3.25E-06	8.61E-04	2.80E-09	1.0E+06	2.8E-03
195	0.45619	7.62E-03	3.5E-03	1.05E-03	3.63E-06	8.61E-04	3.13E-09	1.0E+06	3.1E-03
196	0.51884	7.62E-03	4.0E-03	1.05E-03	4.13E-06	8.61E-04	3.56E-09	1.0E+06	3.6E-03
197	0.59047	7.62E-03	4.5E-03	1.05E-03	4.70E-06	8.61E-04	4.05E-09	1.0E+06	4.0E-03
198	0.12895	7.62E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.84E-10	1.0E+06	8.8E-04
199	0.14013	7.62E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.60E-10	1.0E+06	9.6E-04
200	0.14295	7.62E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.80E-10	1.0E+06	9.8E-04
201	0.15794	7.62E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
202	0.17236	7.62E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
203	0.17657	7.62E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
204	0.19856	7.62E-03	1.5E-03	1.05E-03	1.58E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03
205	0.22228	7.62E-03	1.7E-03	1.05E-03	1.77E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
206	0.22518	7.62E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03
207	0.25763	7.62E-03	2.0E-03	1.05E-03	2.05E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03
208	0.29753	7.62E-03	2.3E-03	1.05E-03	2.37E-06	8.61E-04	2.04E-09	1.0E+06	2.0E-03
209	0.25295	7.62E-03	1.9E-03	1.05E-03	2.01E-06	8.61E-04	1.73E-09	1.0E+06	1.7E-03
210	0.29753	7.62E-03	2.3E-03	1.05E-03	2.37E-06	8.61E-04	2.04E-09	1.0E+06	2.0E-03
211	0.34934	7.62E-03	2.7E-03	1.05E-03	2.78E-06	8.61E-04	2.39E-09	1.0E+06	2.4E-03
212	0.33855	7.62E-03	2.6E-03	1.05E-03	2.69E-06	8.61E-04	2.32E-09	1.0E+06	2.3E-03
213	0.41187	7.62E-03	3.1E-03	1.05E-03	3.28E-06	8.61E-04	2.82E-09	1.0E+06	2.8E-03
214	0.50126	7.62E-03	3.8E-03	1.05E-03	3.99E-06	8.61E-04	3.44E-09	1.0E+06	3.4E-03
215	0.3843	7.62E-03	2.9E-03	1.05E-03	3.06E-06	8.61E-04	2.63E-09	1.0E+06	2.6E-03
216	0.47649	7.62E-03	3.6E-03	1.05E-03	3.79E-06	8.61E-04	3.27E-09	1.0E+06	3.3E-03
217	0.59475	7.62E-03	4.5E-03	1.05E-03	4.73E-06	8.61E-04	4.08E-09	1.0E+06	4.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
218	0.70465	7.62E-03	5.4E-03	1.05E-03	5.61E-06	8.61E-04	4.83E-09	1.0E+06	4.8E-03
219	0.9481	7.62E-03	7.2E-03	1.05E-03	7.55E-06	8.61E-04	6.50E-09	1.0E+06	6.5E-03
220	0.81983	7.62E-03	6.2E-03	1.05E-03	6.53E-06	8.61E-04	5.62E-09	1.0E+06	5.6E-03
221	1.10575	7.62E-03	8.4E-03	1.05E-03	8.80E-06	8.61E-04	7.58E-09	1.0E+06	7.6E-03
222	0.90067	7.62E-03	6.9E-03	1.05E-03	7.17E-06	8.61E-04	6.17E-09	1.0E+06	6.2E-03
223	1.19942	7.62E-03	9.1E-03	1.05E-03	9.55E-06	8.61E-04	8.22E-09	1.0E+06	8.2E-03
224	1.67685	7.62E-03	1.3E-02	1.05E-03	1.33E-05	8.61E-04	1.15E-08	1.0E+06	1.1E-02
225	1.17946	7.62E-03	9.0E-03	1.05E-03	9.39E-06	8.61E-04	8.08E-09	1.0E+06	8.1E-03
226	1.5378	7.62E-03	1.2E-02	1.05E-03	1.22E-05	8.61E-04	1.05E-08	1.0E+06	1.1E-02
227	0.16934	7.62E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
228	0.14857	7.62E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
229	0.13146	7.62E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.01E-10	1.0E+06	9.0E-04
230	0.11721	7.62E-03	8.9E-04	1.05E-03	9.33E-07	8.61E-04	8.03E-10	1.0E+06	8.0E-04
231	0.15294	7.62E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03
232	0.13534	7.62E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.28E-10	1.0E+06	9.3E-04
233	0.12065	7.62E-03	9.2E-04	1.05E-03	9.60E-07	8.61E-04	8.27E-10	1.0E+06	8.3E-04
234	0.10827	7.62E-03	8.2E-04	1.05E-03	8.62E-07	8.61E-04	7.42E-10	1.0E+06	7.4E-04
235	0.13849	7.62E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.49E-10	1.0E+06	9.5E-04
236	0.12359	7.62E-03	9.4E-04	1.05E-03	9.84E-07	8.61E-04	8.47E-10	1.0E+06	8.5E-04
237	0.11097	7.62E-03	8.5E-04	1.05E-03	8.83E-07	8.61E-04	7.61E-10	1.0E+06	7.6E-04
238	0.1002	7.62E-03	7.6E-04	1.05E-03	7.98E-07	8.61E-04	6.87E-10	1.0E+06	6.9E-04
239	1.76719	7.62E-03	1.3E-02	1.05E-03	1.41E-05	8.61E-04	1.21E-08	1.0E+06	1.2E-02
240	1.45797	7.62E-03	1.1E-02	1.05E-03	1.16E-05	8.61E-04	9.99E-09	1.0E+06	1.0E-02
241	1.21808	7.62E-03	9.3E-03	1.05E-03	9.70E-06	8.61E-04	8.35E-09	1.0E+06	8.3E-03
242	1.0297	7.62E-03	7.8E-03	1.05E-03	8.20E-06	8.61E-04	7.06E-09	1.0E+06	7.1E-03
243	1.44621	7.62E-03	1.1E-02	1.05E-03	1.15E-05	8.61E-04	9.91E-09	1.0E+06	9.9E-03
244	1.2211	7.62E-03	9.3E-03	1.05E-03	9.72E-06	8.61E-04	8.37E-09	1.0E+06	8.4E-03
245	1.03968	7.62E-03	7.9E-03	1.05E-03	8.28E-06	8.61E-04	7.13E-09	1.0E+06	7.1E-03
246	0.89267	7.62E-03	6.8E-03	1.05E-03	7.11E-06	8.61E-04	6.12E-09	1.0E+06	6.1E-03
247	1.20059	7.62E-03	9.1E-03	1.05E-03	9.56E-06	8.61E-04	8.23E-09	1.0E+06	8.2E-03
248	1.03363	7.62E-03	7.9E-03	1.05E-03	8.23E-06	8.61E-04	7.08E-09	1.0E+06	7.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
249	0.89459	7.62E-03	6.8E-03	1.05E-03	7.12E-06	8.61E-04	6.13E-09	1.0E+06	6.1E-03
250	0.77862	7.62E-03	5.9E-03	1.05E-03	6.20E-06	8.61E-04	5.34E-09	1.0E+06	5.3E-03
251	0.39359	7.62E-03	3.0E-03	1.05E-03	3.13E-06	8.61E-04	2.70E-09	1.0E+06	2.7E-03
252	0.35912	7.62E-03	2.7E-03	1.05E-03	2.86E-06	8.61E-04	2.46E-09	1.0E+06	2.5E-03
253	0.46527	7.62E-03	3.5E-03	1.05E-03	3.70E-06	8.61E-04	3.19E-09	1.0E+06	3.2E-03
254	0.42562	7.62E-03	3.2E-03	1.05E-03	3.39E-06	8.61E-04	2.92E-09	1.0E+06	2.9E-03
255	0.35709	7.62E-03	2.7E-03	1.05E-03	2.84E-06	8.61E-04	2.45E-09	1.0E+06	2.4E-03
256	0.3278	7.62E-03	2.5E-03	1.05E-03	2.61E-06	8.61E-04	2.25E-09	1.0E+06	2.2E-03
257	0.25688	7.62E-03	2.0E-03	1.05E-03	2.04E-06	8.61E-04	1.76E-09	1.0E+06	1.8E-03
258	0.41518	7.62E-03	3.2E-03	1.05E-03	3.30E-06	8.61E-04	2.85E-09	1.0E+06	2.8E-03
259	0.38248	7.62E-03	2.9E-03	1.05E-03	3.04E-06	8.61E-04	2.62E-09	1.0E+06	2.6E-03
260	0.35238	7.62E-03	2.7E-03	1.05E-03	2.80E-06	8.61E-04	2.42E-09	1.0E+06	2.4E-03
261	0.32494	7.62E-03	2.5E-03	1.05E-03	2.59E-06	8.61E-04	2.23E-09	1.0E+06	2.2E-03
262	0.29998	7.62E-03	2.3E-03	1.05E-03	2.39E-06	8.61E-04	2.06E-09	1.0E+06	2.1E-03
263	0.23841	7.62E-03	1.8E-03	1.05E-03	1.90E-06	8.61E-04	1.63E-09	1.0E+06	1.6E-03
264	0.34505	7.62E-03	2.6E-03	1.05E-03	2.75E-06	8.61E-04	2.36E-09	1.0E+06	2.4E-03
265	0.31985	7.62E-03	2.4E-03	1.05E-03	2.55E-06	8.61E-04	2.19E-09	1.0E+06	2.2E-03
266	0.29658	7.62E-03	2.3E-03	1.05E-03	2.36E-06	8.61E-04	2.03E-09	1.0E+06	2.0E-03
267	0.27521	7.62E-03	2.1E-03	1.05E-03	2.19E-06	8.61E-04	1.89E-09	1.0E+06	1.9E-03
268	0.22169	7.62E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
269	0.33958	7.62E-03	2.6E-03	1.05E-03	2.70E-06	8.61E-04	2.33E-09	1.0E+06	2.3E-03
270	0.28565	7.62E-03	2.2E-03	1.05E-03	2.27E-06	8.61E-04	1.96E-09	1.0E+06	2.0E-03
271	0.24311	7.62E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03
272	0.20914	7.62E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03
273	0.18172	7.62E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.2E-03
274	0.15936	7.62E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
275	0.14093	7.62E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.66E-10	1.0E+06	9.7E-04
276	0.30824	7.62E-03	2.3E-03	1.05E-03	2.45E-06	8.61E-04	2.11E-09	1.0E+06	2.1E-03
277	0.25942	7.62E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
278	0.22119	7.62E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
279	0.19078	7.62E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.16629	7.62E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
281	0.14631	7.62E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	1.00E-09	1.0E+06	1.0E-03
282	0.12982	7.62E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.90E-10	1.0E+06	8.9E-04
283	0.27512	7.62E-03	2.1E-03	1.05E-03	2.19E-06	8.61E-04	1.89E-09	1.0E+06	1.9E-03
284	0.23269	7.62E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03
285	0.19943	7.62E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03
286	0.1729	7.62E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
287	0.15145	7.62E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
288	0.13388	7.62E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.18E-10	1.0E+06	9.2E-04
289	0.11933	7.62E-03	9.1E-04	1.05E-03	9.50E-07	8.61E-04	8.18E-10	1.0E+06	8.2E-04
290	0.2436	7.62E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03
291	0.20765	7.62E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03
292	0.17923	7.62E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
293	0.15641	7.62E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
294	0.13783	7.62E-03	1.0E-03	1.05E-03	1.10E-06	8.61E-04	9.45E-10	1.0E+06	9.4E-04
295	0.12251	7.62E-03	9.3E-04	1.05E-03	9.75E-07	8.61E-04	8.40E-10	1.0E+06	8.4E-04
296	0.10974	7.62E-03	8.4E-04	1.05E-03	8.73E-07	8.61E-04	7.52E-10	1.0E+06	7.5E-04
297	0.21574	7.62E-03	1.6E-03	1.05E-03	1.72E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03
298	0.18553	7.62E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
299	0.1614	7.62E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
300	0.14184	7.62E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.72E-10	1.0E+06	9.7E-04
301	0.12578	7.62E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.62E-10	1.0E+06	8.6E-04
302	0.11243	7.62E-03	8.6E-04	1.05E-03	8.95E-07	8.61E-04	7.71E-10	1.0E+06	7.7E-04
303	0.10121	7.62E-03	7.7E-04	1.05E-03	8.06E-07	8.61E-04	6.94E-10	1.0E+06	6.9E-04
304	0.1921	7.62E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
305	0.16666	7.62E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
306	0.14611	7.62E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	1.00E-09	1.0E+06	1.0E-03
307	0.12927	7.62E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.86E-10	1.0E+06	8.9E-04
308	0.11532	7.62E-03	8.8E-04	1.05E-03	9.18E-07	8.61E-04	7.90E-10	1.0E+06	7.9E-04
309	0.10363	7.62E-03	7.9E-04	1.05E-03	8.25E-07	8.61E-04	7.10E-10	1.0E+06	7.1E-04
310	0.09374	7.62E-03	7.1E-04	1.05E-03	7.46E-07	8.61E-04	6.42E-10	1.0E+06	6.4E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
311	0.17246	7.62E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
312	0.15081	7.62E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
313	0.13315	7.62E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.13E-10	1.0E+06	9.1E-04
314	0.11854	7.62E-03	9.0E-04	1.05E-03	9.44E-07	8.61E-04	8.12E-10	1.0E+06	8.1E-04
315	0.10633	7.62E-03	8.1E-04	1.05E-03	8.46E-07	8.61E-04	7.29E-10	1.0E+06	7.3E-04
316	0.09602	7.62E-03	7.3E-04	1.05E-03	7.64E-07	8.61E-04	6.58E-10	1.0E+06	6.6E-04
317	0.08723	7.62E-03	6.6E-04	1.05E-03	6.94E-07	8.61E-04	5.98E-10	1.0E+06	6.0E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Grading Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	7.88E-05
2	5	8.25E-05
3	5	8.36E-05
4	5	1.12E-04
5	5	1.16E-04
6	5	1.21E-04
7	5	1.25E-04
8	5	1.28E-04
9	5	1.32E-04
10	5	1.36E-04
11	5	1.40E-04
12	5	1.46E-04
13	5	1.52E-04
14	5	1.59E-04
15	5	1.68E-04
16	5	1.79E-04
17	5	1.91E-04
18	5	2.03E-04
19	5	2.16E-04
20	5	2.29E-04
21	5	2.40E-04
22	5	2.50E-04
23	5	2.57E-04
24	5	2.62E-04
25	5	2.63E-04
26	5	8.47E-05
27	5	8.89E-05
28	5	9.03E-05
29	5	1.24E-04
30	5	1.30E-04
31	5	1.35E-04

Max	Receptor #
0.003	239

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	1.40E-04
33	5	1.45E-04
34	5	1.49E-04
35	5	1.54E-04
36	5	1.60E-04
37	5	1.66E-04
38	5	1.75E-04
39	5	1.84E-04
40	5	1.96E-04
41	5	2.09E-04
42	5	2.24E-04
43	5	2.40E-04
44	5	2.55E-04
45	5	2.70E-04
46	5	2.82E-04
47	5	2.91E-04
48	5	2.97E-04
49	5	2.99E-04
50	5	2.98E-04
51	5	9.15E-05
52	5	9.62E-05
53	5	9.79E-05
54	5	1.38E-04
55	5	1.45E-04
56	5	1.52E-04
57	5	1.58E-04
58	5	1.64E-04
59	5	1.71E-04
60	5	1.77E-04
61	5	1.84E-04
62	5	1.93E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	2.03E-04
64	5	2.16E-04
65	5	2.31E-04
66	5	2.49E-04
67	5	2.68E-04
68	5	2.87E-04
69	5	3.06E-04
70	5	3.21E-04
71	5	3.33E-04
72	5	3.41E-04
73	5	3.44E-04
74	5	3.42E-04
75	5	3.35E-04
76	5	9.91E-05
77	5	1.04E-04
78	5	1.07E-04
79	5	1.55E-04
80	5	1.64E-04
81	5	1.73E-04
82	5	1.81E-04
83	5	1.89E-04
84	5	1.97E-04
85	5	2.05E-04
86	5	2.15E-04
87	5	2.26E-04
88	5	2.40E-04
89	5	2.57E-04
90	5	2.78E-04
91	5	3.01E-04
92	5	3.25E-04
93	5	3.49E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	3.70E-04
95	5	3.86E-04
96	5	3.96E-04
97	5	3.99E-04
98	5	3.96E-04
99	5	3.87E-04
100	5	3.74E-04
101	5	1.08E-04
102	5	1.14E-04
103	5	1.17E-04
104	5	1.76E-04
105	5	1.87E-04
106	5	1.98E-04
107	5	2.09E-04
108	5	2.20E-04
109	5	2.30E-04
110	5	2.41E-04
111	5	2.55E-04
112	5	2.69E-04
113	5	2.88E-04
114	5	3.12E-04
115	5	3.40E-04
116	5	3.71E-04
117	5	4.02E-04
118	5	4.30E-04
119	5	4.52E-04
120	5	4.65E-04
121	5	4.70E-04
122	5	4.65E-04
123	5	4.53E-04
124	5	4.35E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.17E-04
126	5	1.25E-04
127	5	1.29E-04
128	5	2.15E-04
129	5	2.30E-04
130	5	2.45E-04
131	5	2.59E-04
132	5	2.73E-04
133	5	2.89E-04
134	5	3.07E-04
135	5	3.27E-04
136	5	3.54E-04
137	5	3.88E-04
138	5	4.27E-04
139	5	4.68E-04
140	5	5.06E-04
141	5	5.36E-04
142	5	5.55E-04
143	5	5.62E-04
144	5	5.55E-04
145	5	5.38E-04
146	5	5.12E-04
147	5	1.28E-04
148	5	1.37E-04
149	5	1.43E-04
150	5	2.50E-04
151	5	2.70E-04
152	5	2.91E-04
153	5	3.11E-04
154	5	3.30E-04
155	5	3.53E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	3.77E-04
157	5	4.07E-04
158	5	4.47E-04
159	5	4.96E-04
160	5	5.50E-04
161	5	6.03E-04
162	5	6.47E-04
163	5	6.75E-04
164	5	6.84E-04
165	5	6.75E-04
166	5	6.49E-04
167	5	6.12E-04
168	5	5.68E-04
169	5	1.40E-04
170	5	1.50E-04
171	5	1.59E-04
172	5	1.68E-04
173	5	2.94E-04
174	5	3.23E-04
175	5	3.51E-04
176	5	3.80E-04
177	5	4.09E-04
178	5	4.42E-04
179	5	4.76E-04
180	5	5.22E-04
181	5	5.82E-04
182	5	6.55E-04
183	5	8.00E-04
184	5	7.46E-04
185	5	1.65E-04
186	5	1.78E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	1.89E-04
188	5	3.51E-04
189	5	3.91E-04
190	5	4.33E-04
191	5	4.76E-04
192	5	5.23E-04
193	5	5.68E-04
194	5	6.22E-04
195	5	6.95E-04
196	5	7.90E-04
197	5	8.99E-04
198	5	1.96E-04
199	5	2.13E-04
200	5	2.18E-04
201	5	2.41E-04
202	5	2.63E-04
203	5	2.69E-04
204	5	3.02E-04
205	5	3.39E-04
206	5	3.43E-04
207	5	3.92E-04
208	5	4.53E-04
209	5	3.85E-04
210	5	4.53E-04
211	5	5.32E-04
212	5	5.16E-04
213	5	6.27E-04
214	5	7.63E-04
215	5	5.85E-04
216	5	7.26E-04
217	5	9.06E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	1.07E-03
219	5	1.44E-03
220	5	1.25E-03
221	5	1.68E-03
222	5	1.37E-03
223	5	1.83E-03
224	5	2.55E-03
225	5	1.80E-03
226	5	2.34E-03
227	5	2.58E-04
228	5	2.26E-04
229	5	2.00E-04
230	5	1.79E-04
231	5	2.33E-04
232	5	2.06E-04
233	5	1.84E-04
234	5	1.65E-04
235	5	2.11E-04
236	5	1.88E-04
237	5	1.69E-04
238	5	1.53E-04
239	5	2.69E-03
240	5	2.22E-03
241	5	1.86E-03
242	5	1.57E-03
243	5	2.20E-03
244	5	1.86E-03
245	5	1.58E-03
246	5	1.36E-03
247	5	1.83E-03
248	5	1.57E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	1.36E-03
250	5	1.19E-03
251	5	5.99E-04
252	5	5.47E-04
253	5	7.09E-04
254	5	6.48E-04
255	5	5.44E-04
256	5	4.99E-04
257	5	3.91E-04
258	5	6.32E-04
259	5	5.83E-04
260	5	5.37E-04
261	5	4.95E-04
262	5	4.57E-04
263	5	3.63E-04
264	5	5.26E-04
265	5	4.87E-04
266	5	4.52E-04
267	5	4.19E-04
268	5	3.38E-04
269	5	5.17E-04
270	5	4.35E-04
271	5	3.70E-04
272	5	3.19E-04
273	5	2.77E-04
274	5	2.43E-04
275	5	2.15E-04
276	5	4.69E-04
277	5	3.95E-04
278	5	3.37E-04
279	5	2.91E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	2.53E-04
281	5	2.23E-04
282	5	1.98E-04
283	5	4.19E-04
284	5	3.54E-04
285	5	3.04E-04
286	5	2.63E-04
287	5	2.31E-04
288	5	2.04E-04
289	5	1.82E-04
290	5	3.71E-04
291	5	3.16E-04
292	5	2.73E-04
293	5	2.38E-04
294	5	2.10E-04
295	5	1.87E-04
296	5	1.67E-04
297	5	3.29E-04
298	5	2.83E-04
299	5	2.46E-04
300	5	2.16E-04
301	5	1.92E-04
302	5	1.71E-04
303	5	1.54E-04
304	5	2.93E-04
305	5	2.54E-04
306	5	2.23E-04
307	5	1.97E-04
308	5	1.76E-04
309	5	1.58E-04
310	5	1.43E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	2.63E-04
312	5	2.30E-04
313	5	2.03E-04
314	5	1.81E-04
315	5	1.62E-04
316	5	1.46E-04
317	5	1.33E-04

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Parcel 3-F: Unmitigated - Parcel 3 - Building Construction Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05211	6.48E-03	3.4E-04	1.05E-03	3.53E-07	8.61E-04	3.04E-10	1.0E+06	3.0E-04
2	0.05455	6.48E-03	3.5E-04	1.05E-03	3.70E-07	8.61E-04	3.18E-10	1.0E+06	3.2E-04
3	0.05534	6.48E-03	3.6E-04	1.05E-03	3.75E-07	8.61E-04	3.23E-10	1.0E+06	3.2E-04
4	0.07438	6.48E-03	4.8E-04	1.05E-03	5.04E-07	8.61E-04	4.34E-10	1.0E+06	4.3E-04
5	0.07736	6.48E-03	5.0E-04	1.05E-03	5.24E-07	8.61E-04	4.51E-10	1.0E+06	4.5E-04
6	0.08022	6.48E-03	5.2E-04	1.05E-03	5.44E-07	8.61E-04	4.68E-10	1.0E+06	4.7E-04
7	0.08291	6.48E-03	5.4E-04	1.05E-03	5.62E-07	8.61E-04	4.84E-10	1.0E+06	4.8E-04
8	0.08549	6.48E-03	5.5E-04	1.05E-03	5.79E-07	8.61E-04	4.99E-10	1.0E+06	5.0E-04
9	0.08803	6.48E-03	5.7E-04	1.05E-03	5.96E-07	8.61E-04	5.14E-10	1.0E+06	5.1E-04
10	0.09065	6.48E-03	5.9E-04	1.05E-03	6.14E-07	8.61E-04	5.29E-10	1.0E+06	5.3E-04
11	0.09352	6.48E-03	6.1E-04	1.05E-03	6.34E-07	8.61E-04	5.46E-10	1.0E+06	5.5E-04
12	0.0969	6.48E-03	6.3E-04	1.05E-03	6.57E-07	8.61E-04	5.65E-10	1.0E+06	5.7E-04
13	0.10114	6.48E-03	6.6E-04	1.05E-03	6.85E-07	8.61E-04	5.90E-10	1.0E+06	5.9E-04
14	0.10615	6.48E-03	6.9E-04	1.05E-03	7.19E-07	8.61E-04	6.19E-10	1.0E+06	6.2E-04
15	0.11213	6.48E-03	7.3E-04	1.05E-03	7.60E-07	8.61E-04	6.54E-10	1.0E+06	6.5E-04
16	0.11928	6.48E-03	7.7E-04	1.05E-03	8.08E-07	8.61E-04	6.96E-10	1.0E+06	7.0E-04
17	0.12732	6.48E-03	8.3E-04	1.05E-03	8.63E-07	8.61E-04	7.43E-10	1.0E+06	7.4E-04
18	0.13581	6.48E-03	8.8E-04	1.05E-03	9.20E-07	8.61E-04	7.92E-10	1.0E+06	7.9E-04
19	0.1445	6.48E-03	9.4E-04	1.05E-03	9.79E-07	8.61E-04	8.43E-10	1.0E+06	8.4E-04
20	0.15292	6.48E-03	9.9E-04	1.05E-03	1.04E-06	8.61E-04	8.92E-10	1.0E+06	8.9E-04
21	0.16057	6.48E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.37E-10	1.0E+06	9.4E-04
22	0.16699	6.48E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.74E-10	1.0E+06	9.7E-04
23	0.17183	6.48E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	1.00E-09	1.0E+06	1.0E-03
24	0.17484	6.48E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
25	0.17591	6.48E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
26	0.05607	6.48E-03	3.6E-04	1.05E-03	3.80E-07	8.61E-04	3.27E-10	1.0E+06	3.3E-04
27	0.05881	6.48E-03	3.8E-04	1.05E-03	3.98E-07	8.61E-04	3.43E-10	1.0E+06	3.4E-04
28	0.05975	6.48E-03	3.9E-04	1.05E-03	4.05E-07	8.61E-04	3.49E-10	1.0E+06	3.5E-04
29	0.08247	6.48E-03	5.3E-04	1.05E-03	5.59E-07	8.61E-04	4.81E-10	1.0E+06	4.8E-04
30	0.08619	6.48E-03	5.6E-04	1.05E-03	5.84E-07	8.61E-04	5.03E-10	1.0E+06	5.0E-04
31	0.08977	6.48E-03	5.8E-04	1.05E-03	6.08E-07	8.61E-04	5.24E-10	1.0E+06	5.2E-04

<b>Max</b>	<b>Receptor #</b>
0.010	239

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
32	0.09317	6.48E-03	6.0E-04	1.05E-03	6.31E-07	8.61E-04	5.44E-10	1.0E+06	5.4E-04
33	0.0964	6.48E-03	6.2E-04	1.05E-03	6.53E-07	8.61E-04	5.62E-10	1.0E+06	5.6E-04
34	0.09956	6.48E-03	6.5E-04	1.05E-03	6.75E-07	8.61E-04	5.81E-10	1.0E+06	5.8E-04
35	0.10284	6.48E-03	6.7E-04	1.05E-03	6.97E-07	8.61E-04	6.00E-10	1.0E+06	6.0E-04
36	0.10644	6.48E-03	6.9E-04	1.05E-03	7.21E-07	8.61E-04	6.21E-10	1.0E+06	6.2E-04
37	0.11092	6.48E-03	7.2E-04	1.05E-03	7.52E-07	8.61E-04	6.47E-10	1.0E+06	6.5E-04
38	0.11639	6.48E-03	7.5E-04	1.05E-03	7.89E-07	8.61E-04	6.79E-10	1.0E+06	6.8E-04
39	0.12276	6.48E-03	8.0E-04	1.05E-03	8.32E-07	8.61E-04	7.16E-10	1.0E+06	7.2E-04
40	0.13057	6.48E-03	8.5E-04	1.05E-03	8.85E-07	8.61E-04	7.62E-10	1.0E+06	7.6E-04
41	0.13988	6.48E-03	9.1E-04	1.05E-03	9.48E-07	8.61E-04	8.16E-10	1.0E+06	8.2E-04
42	0.15003	6.48E-03	9.7E-04	1.05E-03	1.02E-06	8.61E-04	8.75E-10	1.0E+06	8.8E-04
43	0.16062	6.48E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.37E-10	1.0E+06	9.4E-04
44	0.17108	6.48E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.98E-10	1.0E+06	1.0E-03
45	0.18073	6.48E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03
46	0.18891	6.48E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
47	0.19508	6.48E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
48	0.19889	6.48E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
49	0.20017	6.48E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
50	0.19899	6.48E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
51	0.06054	6.48E-03	3.9E-04	1.05E-03	4.10E-07	8.61E-04	3.53E-10	1.0E+06	3.5E-04
52	0.06367	6.48E-03	4.1E-04	1.05E-03	4.31E-07	8.61E-04	3.71E-10	1.0E+06	3.7E-04
53	0.06484	6.48E-03	4.2E-04	1.05E-03	4.39E-07	8.61E-04	3.78E-10	1.0E+06	3.8E-04
54	0.09201	6.48E-03	6.0E-04	1.05E-03	6.23E-07	8.61E-04	5.37E-10	1.0E+06	5.4E-04
55	0.09669	6.48E-03	6.3E-04	1.05E-03	6.55E-07	8.61E-04	5.64E-10	1.0E+06	5.6E-04
56	0.10122	6.48E-03	6.6E-04	1.05E-03	6.86E-07	8.61E-04	5.91E-10	1.0E+06	5.9E-04
57	0.10556	6.48E-03	6.8E-04	1.05E-03	7.15E-07	8.61E-04	6.16E-10	1.0E+06	6.2E-04
58	0.10969	6.48E-03	7.1E-04	1.05E-03	7.43E-07	8.61E-04	6.40E-10	1.0E+06	6.4E-04
59	0.11375	6.48E-03	7.4E-04	1.05E-03	7.71E-07	8.61E-04	6.64E-10	1.0E+06	6.6E-04
60	0.11793	6.48E-03	7.6E-04	1.05E-03	7.99E-07	8.61E-04	6.88E-10	1.0E+06	6.9E-04
61	0.12253	6.48E-03	7.9E-04	1.05E-03	8.30E-07	8.61E-04	7.15E-10	1.0E+06	7.1E-04
62	0.12846	6.48E-03	8.3E-04	1.05E-03	8.70E-07	8.61E-04	7.49E-10	1.0E+06	7.5E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.13548	6.48E-03	8.8E-04	1.05E-03	9.18E-07	8.61E-04	7.90E-10	1.0E+06	7.9E-04
64	0.14397	6.48E-03	9.3E-04	1.05E-03	9.75E-07	8.61E-04	8.40E-10	1.0E+06	8.4E-04
65	0.15435	6.48E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.01E-10	1.0E+06	9.0E-04
66	0.16656	6.48E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.72E-10	1.0E+06	9.7E-04
67	0.17951	6.48E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03
68	0.19265	6.48E-03	1.2E-03	1.05E-03	1.31E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
69	0.20499	6.48E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
70	0.21559	6.48E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03
71	0.22363	6.48E-03	1.4E-03	1.05E-03	1.52E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
72	0.22855	6.48E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03
73	0.23013	6.48E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
74	0.22845	6.48E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03
75	0.22382	6.48E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
76	0.06559	6.48E-03	4.3E-04	1.05E-03	4.44E-07	8.61E-04	3.83E-10	1.0E+06	3.8E-04
77	0.0692	6.48E-03	4.5E-04	1.05E-03	4.69E-07	8.61E-04	4.04E-10	1.0E+06	4.0E-04
78	0.07078	6.48E-03	4.6E-04	1.05E-03	4.80E-07	8.61E-04	4.13E-10	1.0E+06	4.1E-04
79	0.10333	6.48E-03	6.7E-04	1.05E-03	7.00E-07	8.61E-04	6.03E-10	1.0E+06	6.0E-04
80	0.10931	6.48E-03	7.1E-04	1.05E-03	7.41E-07	8.61E-04	6.38E-10	1.0E+06	6.4E-04
81	0.11513	6.48E-03	7.5E-04	1.05E-03	7.80E-07	8.61E-04	6.72E-10	1.0E+06	6.7E-04
82	0.12073	6.48E-03	7.8E-04	1.05E-03	8.18E-07	8.61E-04	7.04E-10	1.0E+06	7.0E-04
83	0.12613	6.48E-03	8.2E-04	1.05E-03	8.55E-07	8.61E-04	7.36E-10	1.0E+06	7.4E-04
84	0.13143	6.48E-03	8.5E-04	1.05E-03	8.91E-07	8.61E-04	7.67E-10	1.0E+06	7.7E-04
85	0.13688	6.48E-03	8.9E-04	1.05E-03	9.27E-07	8.61E-04	7.99E-10	1.0E+06	8.0E-04
86	0.14343	6.48E-03	9.3E-04	1.05E-03	9.72E-07	8.61E-04	8.37E-10	1.0E+06	8.4E-04
87	0.15101	6.48E-03	9.8E-04	1.05E-03	1.02E-06	8.61E-04	8.81E-10	1.0E+06	8.8E-04
88	0.16013	6.48E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.34E-10	1.0E+06	9.3E-04
89	0.17168	6.48E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	1.00E-09	1.0E+06	1.0E-03
90	0.18579	6.48E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
91	0.20183	6.48E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
92	0.21843	6.48E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
93	0.23446	6.48E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
94	0.24846	6.48E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.45E-09	1.0E+06	1.4E-03
95	0.25917	6.48E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
96	0.26571	6.48E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.6E-03
97	0.26772	6.48E-03	1.7E-03	1.05E-03	1.81E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03
98	0.2653	6.48E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.5E-03
99	0.25897	6.48E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
100	0.24943	6.48E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
101	0.07127	6.48E-03	4.6E-04	1.05E-03	4.83E-07	8.61E-04	4.16E-10	1.0E+06	4.2E-04
102	0.07551	6.48E-03	4.9E-04	1.05E-03	5.12E-07	8.61E-04	4.41E-10	1.0E+06	4.4E-04
103	0.07769	6.48E-03	5.0E-04	1.05E-03	5.26E-07	8.61E-04	4.53E-10	1.0E+06	4.5E-04
104	0.1169	6.48E-03	7.6E-04	1.05E-03	7.92E-07	8.61E-04	6.82E-10	1.0E+06	6.8E-04
105	0.12463	6.48E-03	8.1E-04	1.05E-03	8.44E-07	8.61E-04	7.27E-10	1.0E+06	7.3E-04
106	0.13226	6.48E-03	8.6E-04	1.05E-03	8.96E-07	8.61E-04	7.72E-10	1.0E+06	7.7E-04
107	0.13967	6.48E-03	9.1E-04	1.05E-03	9.46E-07	8.61E-04	8.15E-10	1.0E+06	8.1E-04
108	0.14684	6.48E-03	9.5E-04	1.05E-03	9.95E-07	8.61E-04	8.57E-10	1.0E+06	8.6E-04
109	0.15387	6.48E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.98E-10	1.0E+06	9.0E-04
110	0.16127	6.48E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.41E-10	1.0E+06	9.4E-04
111	0.17027	6.48E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.93E-10	1.0E+06	9.9E-04
112	0.1801	6.48E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03
113	0.19275	6.48E-03	1.2E-03	1.05E-03	1.31E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
114	0.20888	6.48E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03
115	0.22825	6.48E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03
116	0.24951	6.48E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
117	0.2706	6.48E-03	1.8E-03	1.05E-03	1.83E-06	8.61E-04	1.58E-09	1.0E+06	1.6E-03
118	0.28948	6.48E-03	1.9E-03	1.05E-03	1.96E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
119	0.30412	6.48E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03
120	0.31308	6.48E-03	2.0E-03	1.05E-03	2.12E-06	8.61E-04	1.83E-09	1.0E+06	1.8E-03
121	0.31574	6.48E-03	2.0E-03	1.05E-03	2.14E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03
122	0.31226	6.48E-03	2.0E-03	1.05E-03	2.12E-06	8.61E-04	1.82E-09	1.0E+06	1.8E-03
123	0.30343	6.48E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03
124	0.29038	6.48E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
125	0.07762	6.48E-03	5.0E-04	1.05E-03	5.26E-07	8.61E-04	4.53E-10	1.0E+06	4.5E-04
126	0.08263	6.48E-03	5.4E-04	1.05E-03	5.60E-07	8.61E-04	4.82E-10	1.0E+06	4.8E-04
127	0.08561	6.48E-03	5.5E-04	1.05E-03	5.80E-07	8.61E-04	4.99E-10	1.0E+06	5.0E-04
128	0.14348	6.48E-03	9.3E-04	1.05E-03	9.72E-07	8.61E-04	8.37E-10	1.0E+06	8.4E-04
129	0.15366	6.48E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.96E-10	1.0E+06	9.0E-04
130	0.16369	6.48E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.55E-10	1.0E+06	9.6E-04
131	0.17341	6.48E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
132	0.18295	6.48E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
133	0.1935	6.48E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
134	0.20524	6.48E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
135	0.21906	6.48E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.28E-09	1.0E+06	1.3E-03
136	0.23719	6.48E-03	1.5E-03	1.05E-03	1.61E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
137	0.26025	6.48E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
138	0.28728	6.48E-03	1.9E-03	1.05E-03	1.95E-06	8.61E-04	1.68E-09	1.0E+06	1.7E-03
139	0.31537	6.48E-03	2.0E-03	1.05E-03	2.14E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03
140	0.3414	6.48E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03
141	0.36201	6.48E-03	2.3E-03	1.05E-03	2.45E-06	8.61E-04	2.11E-09	1.0E+06	2.1E-03
142	0.37471	6.48E-03	2.4E-03	1.05E-03	2.54E-06	8.61E-04	2.19E-09	1.0E+06	2.2E-03
143	0.3784	6.48E-03	2.5E-03	1.05E-03	2.56E-06	8.61E-04	2.21E-09	1.0E+06	2.2E-03
144	0.37332	6.48E-03	2.4E-03	1.05E-03	2.53E-06	8.61E-04	2.18E-09	1.0E+06	2.2E-03
145	0.36075	6.48E-03	2.3E-03	1.05E-03	2.44E-06	8.61E-04	2.10E-09	1.0E+06	2.1E-03
146	0.34252	6.48E-03	2.2E-03	1.05E-03	2.32E-06	8.61E-04	2.00E-09	1.0E+06	2.0E-03
147	0.08466	6.48E-03	5.5E-04	1.05E-03	5.74E-07	8.61E-04	4.94E-10	1.0E+06	4.9E-04
148	0.09067	6.48E-03	5.9E-04	1.05E-03	6.14E-07	8.61E-04	5.29E-10	1.0E+06	5.3E-04
149	0.09491	6.48E-03	6.2E-04	1.05E-03	6.43E-07	8.61E-04	5.54E-10	1.0E+06	5.5E-04
150	0.16695	6.48E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.74E-10	1.0E+06	9.7E-04
151	0.1808	6.48E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03
152	0.19467	6.48E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
153	0.20825	6.48E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
154	0.22159	6.48E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
155	0.2371	6.48E-03	1.5E-03	1.05E-03	1.61E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
156	0.25281	6.48E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03
157	0.27295	6.48E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03
158	0.29987	6.48E-03	1.9E-03	1.05E-03	2.03E-06	8.61E-04	1.75E-09	1.0E+06	1.7E-03
159	0.3337	6.48E-03	2.2E-03	1.05E-03	2.26E-06	8.61E-04	1.95E-09	1.0E+06	1.9E-03
160	0.37142	6.48E-03	2.4E-03	1.05E-03	2.52E-06	8.61E-04	2.17E-09	1.0E+06	2.2E-03
161	0.40784	6.48E-03	2.6E-03	1.05E-03	2.76E-06	8.61E-04	2.38E-09	1.0E+06	2.4E-03
162	0.43792	6.48E-03	2.8E-03	1.05E-03	2.97E-06	8.61E-04	2.55E-09	1.0E+06	2.6E-03
163	0.45677	6.48E-03	3.0E-03	1.05E-03	3.09E-06	8.61E-04	2.66E-09	1.0E+06	2.7E-03
164	0.46225	6.48E-03	3.0E-03	1.05E-03	3.13E-06	8.61E-04	2.70E-09	1.0E+06	2.7E-03
165	0.45468	6.48E-03	2.9E-03	1.05E-03	3.08E-06	8.61E-04	2.65E-09	1.0E+06	2.7E-03
166	0.43631	6.48E-03	2.8E-03	1.05E-03	2.96E-06	8.61E-04	2.55E-09	1.0E+06	2.5E-03
167	0.41021	6.48E-03	2.7E-03	1.05E-03	2.78E-06	8.61E-04	2.39E-09	1.0E+06	2.4E-03
168	0.37948	6.48E-03	2.5E-03	1.05E-03	2.57E-06	8.61E-04	2.21E-09	1.0E+06	2.2E-03
169	0.09238	6.48E-03	6.0E-04	1.05E-03	6.26E-07	8.61E-04	5.39E-10	1.0E+06	5.4E-04
170	0.09961	6.48E-03	6.5E-04	1.05E-03	6.75E-07	8.61E-04	5.81E-10	1.0E+06	5.8E-04
171	0.10571	6.48E-03	6.9E-04	1.05E-03	7.16E-07	8.61E-04	6.17E-10	1.0E+06	6.2E-04
172	0.11177	6.48E-03	7.2E-04	1.05E-03	7.57E-07	8.61E-04	6.52E-10	1.0E+06	6.5E-04
173	0.19661	6.48E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03
174	0.21591	6.48E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03
175	0.23568	6.48E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
176	0.2552	6.48E-03	1.7E-03	1.05E-03	1.73E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03
177	0.27515	6.48E-03	1.8E-03	1.05E-03	1.86E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03
178	0.29679	6.48E-03	1.9E-03	1.05E-03	2.01E-06	8.61E-04	1.73E-09	1.0E+06	1.7E-03
179	0.31987	6.48E-03	2.1E-03	1.05E-03	2.17E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03
180	0.35062	6.48E-03	2.3E-03	1.05E-03	2.38E-06	8.61E-04	2.05E-09	1.0E+06	2.0E-03
181	0.39197	6.48E-03	2.5E-03	1.05E-03	2.66E-06	8.61E-04	2.29E-09	1.0E+06	2.3E-03
182	0.44246	6.48E-03	2.9E-03	1.05E-03	3.00E-06	8.61E-04	2.58E-09	1.0E+06	2.6E-03
183	0.53861	6.48E-03	3.5E-03	1.05E-03	3.65E-06	8.61E-04	3.14E-09	1.0E+06	3.1E-03
184	0.50008	6.48E-03	3.2E-03	1.05E-03	3.39E-06	8.61E-04	2.92E-09	1.0E+06	2.9E-03
185	0.10946	6.48E-03	7.1E-04	1.05E-03	7.42E-07	8.61E-04	6.39E-10	1.0E+06	6.4E-04
186	0.11779	6.48E-03	7.6E-04	1.05E-03	7.98E-07	8.61E-04	6.87E-10	1.0E+06	6.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
187	0.12532	6.48E-03	8.1E-04	1.05E-03	8.49E-07	8.61E-04	7.31E-10	1.0E+06	7.3E-04
188	0.23458	6.48E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03
189	0.26209	6.48E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.53E-09	1.0E+06	1.5E-03
190	0.29117	6.48E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03
191	0.32062	6.48E-03	2.1E-03	1.05E-03	2.17E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03
192	0.35221	6.48E-03	2.3E-03	1.05E-03	2.39E-06	8.61E-04	2.05E-09	1.0E+06	2.1E-03
193	0.38292	6.48E-03	2.5E-03	1.05E-03	2.59E-06	8.61E-04	2.23E-09	1.0E+06	2.2E-03
194	0.41872	6.48E-03	2.7E-03	1.05E-03	2.84E-06	8.61E-04	2.44E-09	1.0E+06	2.4E-03
195	0.46781	6.48E-03	3.0E-03	1.05E-03	3.17E-06	8.61E-04	2.73E-09	1.0E+06	2.7E-03
196	0.53392	6.48E-03	3.5E-03	1.05E-03	3.62E-06	8.61E-04	3.12E-09	1.0E+06	3.1E-03
197	0.61052	6.48E-03	4.0E-03	1.05E-03	4.14E-06	8.61E-04	3.56E-09	1.0E+06	3.6E-03
198	0.13008	6.48E-03	8.4E-04	1.05E-03	8.81E-07	8.61E-04	7.59E-10	1.0E+06	7.6E-04
199	0.14149	6.48E-03	9.2E-04	1.05E-03	9.59E-07	8.61E-04	8.25E-10	1.0E+06	8.3E-04
200	0.14409	6.48E-03	9.3E-04	1.05E-03	9.76E-07	8.61E-04	8.41E-10	1.0E+06	8.4E-04
201	0.15936	6.48E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.30E-10	1.0E+06	9.3E-04
202	0.17408	6.48E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
203	0.17793	6.48E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
204	0.20032	6.48E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
205	0.22452	6.48E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
206	0.22677	6.48E-03	1.5E-03	1.05E-03	1.54E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
207	0.25976	6.48E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
208	0.30042	6.48E-03	1.9E-03	1.05E-03	2.04E-06	8.61E-04	1.75E-09	1.0E+06	1.8E-03
209	0.25419	6.48E-03	1.6E-03	1.05E-03	1.72E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03
210	0.29925	6.48E-03	1.9E-03	1.05E-03	2.03E-06	8.61E-04	1.75E-09	1.0E+06	1.7E-03
211	0.35176	6.48E-03	2.3E-03	1.05E-03	2.38E-06	8.61E-04	2.05E-09	1.0E+06	2.1E-03
212	0.33964	6.48E-03	2.2E-03	1.05E-03	2.30E-06	8.61E-04	1.98E-09	1.0E+06	2.0E-03
213	0.41335	6.48E-03	2.7E-03	1.05E-03	2.80E-06	8.61E-04	2.41E-09	1.0E+06	2.4E-03
214	0.50336	6.48E-03	3.3E-03	1.05E-03	3.41E-06	8.61E-04	2.94E-09	1.0E+06	2.9E-03
215	0.38488	6.48E-03	2.5E-03	1.05E-03	2.61E-06	8.61E-04	2.25E-09	1.0E+06	2.2E-03
216	0.47696	6.48E-03	3.1E-03	1.05E-03	3.23E-06	8.61E-04	2.78E-09	1.0E+06	2.8E-03
217	0.59498	6.48E-03	3.9E-03	1.05E-03	4.03E-06	8.61E-04	3.47E-09	1.0E+06	3.5E-03

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
218	0.70285	6.48E-03	4.6E-03	1.05E-03	4.76E-06	8.61E-04	4.10E-09	1.0E+06	4.1E-03
219	0.94301	6.48E-03	6.1E-03	1.05E-03	6.39E-06	8.61E-04	5.50E-09	1.0E+06	5.5E-03
220	0.81464	6.48E-03	5.3E-03	1.05E-03	5.52E-06	8.61E-04	4.75E-09	1.0E+06	4.8E-03
221	1.09378	6.48E-03	7.1E-03	1.05E-03	7.41E-06	8.61E-04	6.38E-09	1.0E+06	6.4E-03
222	0.88965	6.48E-03	5.8E-03	1.05E-03	6.03E-06	8.61E-04	5.19E-09	1.0E+06	5.2E-03
223	1.1769	6.48E-03	7.6E-03	1.05E-03	7.97E-06	8.61E-04	6.87E-09	1.0E+06	6.9E-03
224	1.62886	6.48E-03	1.1E-02	1.05E-03	1.10E-05	8.61E-04	9.50E-09	1.0E+06	9.5E-03
225	1.14705	6.48E-03	7.4E-03	1.05E-03	7.77E-06	8.61E-04	6.69E-09	1.0E+06	6.7E-03
226	1.47911	6.48E-03	9.6E-03	1.05E-03	1.00E-05	8.61E-04	8.63E-09	1.0E+06	8.6E-03
227	0.16718	6.48E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.75E-10	1.0E+06	9.8E-04
228	0.14687	6.48E-03	9.5E-04	1.05E-03	9.95E-07	8.61E-04	8.57E-10	1.0E+06	8.6E-04
229	0.1301	6.48E-03	8.4E-04	1.05E-03	8.82E-07	8.61E-04	7.59E-10	1.0E+06	7.6E-04
230	0.1161	6.48E-03	7.5E-04	1.05E-03	7.87E-07	8.61E-04	6.77E-10	1.0E+06	6.8E-04
231	0.15108	6.48E-03	9.8E-04	1.05E-03	1.02E-06	8.61E-04	8.81E-10	1.0E+06	8.8E-04
232	0.13386	6.48E-03	8.7E-04	1.05E-03	9.07E-07	8.61E-04	7.81E-10	1.0E+06	7.8E-04
233	0.11945	6.48E-03	7.7E-04	1.05E-03	8.09E-07	8.61E-04	6.97E-10	1.0E+06	7.0E-04
234	0.10729	6.48E-03	7.0E-04	1.05E-03	7.27E-07	8.61E-04	6.26E-10	1.0E+06	6.3E-04
235	0.13687	6.48E-03	8.9E-04	1.05E-03	9.27E-07	8.61E-04	7.99E-10	1.0E+06	8.0E-04
236	0.12228	6.48E-03	7.9E-04	1.05E-03	8.29E-07	8.61E-04	7.13E-10	1.0E+06	7.1E-04
237	0.1099	6.48E-03	7.1E-04	1.05E-03	7.45E-07	8.61E-04	6.41E-10	1.0E+06	6.4E-04
238	0.09933	6.48E-03	6.4E-04	1.05E-03	6.73E-07	8.61E-04	5.80E-10	1.0E+06	5.8E-04
239	1.64371	6.48E-03	1.1E-02	1.05E-03	1.11E-05	8.61E-04	9.59E-09	1.0E+06	9.6E-03
240	1.36926	6.48E-03	8.9E-03	1.05E-03	9.28E-06	8.61E-04	7.99E-09	1.0E+06	8.0E-03
241	1.15305	6.48E-03	7.5E-03	1.05E-03	7.81E-06	8.61E-04	6.73E-09	1.0E+06	6.7E-03
242	0.98109	6.48E-03	6.4E-03	1.05E-03	6.65E-06	8.61E-04	5.72E-09	1.0E+06	5.7E-03
243	1.35698	6.48E-03	8.8E-03	1.05E-03	9.19E-06	8.61E-04	7.92E-09	1.0E+06	7.9E-03
244	1.15446	6.48E-03	7.5E-03	1.05E-03	7.82E-06	8.61E-04	6.74E-09	1.0E+06	6.7E-03
245	0.98923	6.48E-03	6.4E-03	1.05E-03	6.70E-06	8.61E-04	5.77E-09	1.0E+06	5.8E-03
246	0.85395	6.48E-03	5.5E-03	1.05E-03	5.79E-06	8.61E-04	4.98E-09	1.0E+06	5.0E-03
247	1.13416	6.48E-03	7.4E-03	1.05E-03	7.68E-06	8.61E-04	6.62E-09	1.0E+06	6.6E-03
248	0.98243	6.48E-03	6.4E-03	1.05E-03	6.66E-06	8.61E-04	5.73E-09	1.0E+06	5.7E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
249	0.85475	6.48E-03	5.5E-03	1.05E-03	5.79E-06	8.61E-04	4.99E-09	1.0E+06	5.0E-03
250	0.74733	6.48E-03	4.8E-03	1.05E-03	5.06E-06	8.61E-04	4.36E-09	1.0E+06	4.4E-03
251	0.38303	6.48E-03	2.5E-03	1.05E-03	2.60E-06	8.61E-04	2.23E-09	1.0E+06	2.2E-03
252	0.35017	6.48E-03	2.3E-03	1.05E-03	2.37E-06	8.61E-04	2.04E-09	1.0E+06	2.0E-03
253	0.4505	6.48E-03	2.9E-03	1.05E-03	3.05E-06	8.61E-04	2.63E-09	1.0E+06	2.6E-03
254	0.41307	6.48E-03	2.7E-03	1.05E-03	2.80E-06	8.61E-04	2.41E-09	1.0E+06	2.4E-03
255	0.34796	6.48E-03	2.3E-03	1.05E-03	2.36E-06	8.61E-04	2.03E-09	1.0E+06	2.0E-03
256	0.31997	6.48E-03	2.1E-03	1.05E-03	2.17E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03
257	0.25186	6.48E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03
258	0.40272	6.48E-03	2.6E-03	1.05E-03	2.73E-06	8.61E-04	2.35E-09	1.0E+06	2.3E-03
259	0.37178	6.48E-03	2.4E-03	1.05E-03	2.52E-06	8.61E-04	2.17E-09	1.0E+06	2.2E-03
260	0.34317	6.48E-03	2.2E-03	1.05E-03	2.33E-06	8.61E-04	2.00E-09	1.0E+06	2.0E-03
261	0.317	6.48E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.8E-03
262	0.29312	6.48E-03	1.9E-03	1.05E-03	1.99E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03
263	0.23391	6.48E-03	1.5E-03	1.05E-03	1.58E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03
264	0.33586	6.48E-03	2.2E-03	1.05E-03	2.28E-06	8.61E-04	1.96E-09	1.0E+06	2.0E-03
265	0.31187	6.48E-03	2.0E-03	1.05E-03	2.11E-06	8.61E-04	1.82E-09	1.0E+06	1.8E-03
266	0.28965	6.48E-03	1.9E-03	1.05E-03	1.96E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
267	0.26916	6.48E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03
268	0.21763	6.48E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
269	0.33648	6.48E-03	2.2E-03	1.05E-03	2.28E-06	8.61E-04	1.96E-09	1.0E+06	2.0E-03
270	0.28291	6.48E-03	1.8E-03	1.05E-03	1.92E-06	8.61E-04	1.65E-09	1.0E+06	1.7E-03
271	0.24075	6.48E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
272	0.20713	6.48E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
273	0.18	6.48E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03
274	0.1579	6.48E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.21E-10	1.0E+06	9.2E-04
275	0.13967	6.48E-03	9.1E-04	1.05E-03	9.46E-07	8.61E-04	8.15E-10	1.0E+06	8.1E-04
276	0.30433	6.48E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
277	0.25623	6.48E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03
278	0.21859	6.48E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.28E-09	1.0E+06	1.3E-03
279	0.18863	6.48E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.16451	6.48E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.60E-10	1.0E+06	9.6E-04
281	0.14483	6.48E-03	9.4E-04	1.05E-03	9.81E-07	8.61E-04	8.45E-10	1.0E+06	8.4E-04
282	0.12857	6.48E-03	8.3E-04	1.05E-03	8.71E-07	8.61E-04	7.50E-10	1.0E+06	7.5E-04
283	0.27101	6.48E-03	1.8E-03	1.05E-03	1.84E-06	8.61E-04	1.58E-09	1.0E+06	1.6E-03
284	0.22945	6.48E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
285	0.19684	6.48E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03
286	0.17081	6.48E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.97E-10	1.0E+06	1.0E-03
287	0.14974	6.48E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.74E-10	1.0E+06	8.7E-04
288	0.13247	6.48E-03	8.6E-04	1.05E-03	8.98E-07	8.61E-04	7.73E-10	1.0E+06	7.7E-04
289	0.11815	6.48E-03	7.7E-04	1.05E-03	8.01E-07	8.61E-04	6.89E-10	1.0E+06	6.9E-04
290	0.23973	6.48E-03	1.6E-03	1.05E-03	1.62E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
291	0.20464	6.48E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
292	0.17685	6.48E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
293	0.1545	6.48E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.01E-10	1.0E+06	9.0E-04
294	0.13627	6.48E-03	8.8E-04	1.05E-03	9.23E-07	8.61E-04	7.95E-10	1.0E+06	8.0E-04
295	0.12123	6.48E-03	7.9E-04	1.05E-03	8.21E-07	8.61E-04	7.07E-10	1.0E+06	7.1E-04
296	0.10867	6.48E-03	7.0E-04	1.05E-03	7.36E-07	8.61E-04	6.34E-10	1.0E+06	6.3E-04
297	0.21239	6.48E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
298	0.18292	6.48E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
299	0.15932	6.48E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.30E-10	1.0E+06	9.3E-04
300	0.14017	6.48E-03	9.1E-04	1.05E-03	9.50E-07	8.61E-04	8.18E-10	1.0E+06	8.2E-04
301	0.12441	6.48E-03	8.1E-04	1.05E-03	8.43E-07	8.61E-04	7.26E-10	1.0E+06	7.3E-04
302	0.1113	6.48E-03	7.2E-04	1.05E-03	7.54E-07	8.61E-04	6.49E-10	1.0E+06	6.5E-04
303	0.10026	6.48E-03	6.5E-04	1.05E-03	6.79E-07	8.61E-04	5.85E-10	1.0E+06	5.8E-04
304	0.18932	6.48E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
305	0.16448	6.48E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.60E-10	1.0E+06	9.6E-04
306	0.14436	6.48E-03	9.4E-04	1.05E-03	9.78E-07	8.61E-04	8.42E-10	1.0E+06	8.4E-04
307	0.12786	6.48E-03	8.3E-04	1.05E-03	8.66E-07	8.61E-04	7.46E-10	1.0E+06	7.5E-04
308	0.11416	6.48E-03	7.4E-04	1.05E-03	7.74E-07	8.61E-04	6.66E-10	1.0E+06	6.7E-04
309	0.10266	6.48E-03	6.7E-04	1.05E-03	6.96E-07	8.61E-04	5.99E-10	1.0E+06	6.0E-04
310	0.09292	6.48E-03	6.0E-04	1.05E-03	6.30E-07	8.61E-04	5.42E-10	1.0E+06	5.4E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
311	0.1702	6.48E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.93E-10	1.0E+06	9.9E-04
312	0.14901	6.48E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.69E-10	1.0E+06	8.7E-04
313	0.1317	6.48E-03	8.5E-04	1.05E-03	8.92E-07	8.61E-04	7.68E-10	1.0E+06	7.7E-04
314	0.11735	6.48E-03	7.6E-04	1.05E-03	7.95E-07	8.61E-04	6.85E-10	1.0E+06	6.8E-04
315	0.10534	6.48E-03	6.8E-04	1.05E-03	7.14E-07	8.61E-04	6.15E-10	1.0E+06	6.1E-04
316	0.09519	6.48E-03	6.2E-04	1.05E-03	6.45E-07	8.61E-04	5.55E-10	1.0E+06	5.6E-04
317	0.08653	6.48E-03	5.6E-04	1.05E-03	5.86E-07	8.61E-04	5.05E-10	1.0E+06	5.0E-04



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Building Construction Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	6.76E-05
2	5	7.07E-05
3	5	7.17E-05
4	5	9.64E-05
5	5	1.00E-04
6	5	1.04E-04
7	5	1.07E-04
8	5	1.11E-04
9	5	1.14E-04
10	5	1.18E-04
11	5	1.21E-04
12	5	1.26E-04
13	5	1.31E-04
14	5	1.38E-04
15	5	1.45E-04
16	5	1.55E-04
17	5	1.65E-04
18	5	1.76E-04
19	5	1.87E-04
20	5	1.98E-04
21	5	2.08E-04
22	5	2.17E-04
23	5	2.23E-04
24	5	2.27E-04
25	5	2.28E-04
26	5	7.27E-05
27	5	7.62E-05
28	5	7.75E-05
29	5	1.07E-04
30	5	1.12E-04
31	5	1.16E-04

Max	Receptor #
0.002	239

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Building Construction Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
32	5	1.21E-04
33	5	1.25E-04
34	5	1.29E-04
35	5	1.33E-04
36	5	1.38E-04
37	5	1.44E-04
38	5	1.51E-04
39	5	1.59E-04
40	5	1.69E-04
41	5	1.81E-04
42	5	1.95E-04
43	5	2.08E-04
44	5	2.22E-04
45	5	2.34E-04
46	5	2.45E-04
47	5	2.53E-04
48	5	2.58E-04
49	5	2.60E-04
50	5	2.58E-04
51	5	7.85E-05
52	5	8.25E-05
53	5	8.41E-05
54	5	1.19E-04
55	5	1.25E-04
56	5	1.31E-04
57	5	1.37E-04
58	5	1.42E-04
59	5	1.47E-04
60	5	1.53E-04
61	5	1.59E-04
62	5	1.67E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Building Construction Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
63	5	1.76E-04
64	5	1.87E-04
65	5	2.00E-04
66	5	2.16E-04
67	5	2.33E-04
68	5	2.50E-04
69	5	2.66E-04
70	5	2.80E-04
71	5	2.90E-04
72	5	2.96E-04
73	5	2.98E-04
74	5	2.96E-04
75	5	2.90E-04
76	5	8.50E-05
77	5	8.97E-05
78	5	9.18E-05
79	5	1.34E-04
80	5	1.42E-04
81	5	1.49E-04
82	5	1.57E-04
83	5	1.64E-04
84	5	1.70E-04
85	5	1.77E-04
86	5	1.86E-04
87	5	1.96E-04
88	5	2.08E-04
89	5	2.23E-04
90	5	2.41E-04
91	5	2.62E-04
92	5	2.83E-04
93	5	3.04E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	3.22E-04
95	5	3.36E-04
96	5	3.44E-04
97	5	3.47E-04
98	5	3.44E-04
99	5	3.36E-04
100	5	3.23E-04
101	5	9.24E-05
102	5	9.79E-05
103	5	1.01E-04
104	5	1.52E-04
105	5	1.62E-04
106	5	1.71E-04
107	5	1.81E-04
108	5	1.90E-04
109	5	1.99E-04
110	5	2.09E-04
111	5	2.21E-04
112	5	2.34E-04
113	5	2.50E-04
114	5	2.71E-04
115	5	2.96E-04
116	5	3.23E-04
117	5	3.51E-04
118	5	3.75E-04
119	5	3.94E-04
120	5	4.06E-04
121	5	4.09E-04
122	5	4.05E-04
123	5	3.93E-04
124	5	3.76E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.01E-04
126	5	1.07E-04
127	5	1.11E-04
128	5	1.86E-04
129	5	1.99E-04
130	5	2.12E-04
131	5	2.25E-04
132	5	2.37E-04
133	5	2.51E-04
134	5	2.66E-04
135	5	2.84E-04
136	5	3.08E-04
137	5	3.37E-04
138	5	3.72E-04
139	5	4.09E-04
140	5	4.43E-04
141	5	4.69E-04
142	5	4.86E-04
143	5	4.91E-04
144	5	4.84E-04
145	5	4.68E-04
146	5	4.44E-04
147	5	1.10E-04
148	5	1.18E-04
149	5	1.23E-04
150	5	2.16E-04
151	5	2.34E-04
152	5	2.52E-04
153	5	2.70E-04
154	5	2.87E-04
155	5	3.07E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	3.28E-04
157	5	3.54E-04
158	5	3.89E-04
159	5	4.33E-04
160	5	4.82E-04
161	5	5.29E-04
162	5	5.68E-04
163	5	5.92E-04
164	5	5.99E-04
165	5	5.90E-04
166	5	5.66E-04
167	5	5.32E-04
168	5	4.92E-04
169	5	1.20E-04
170	5	1.29E-04
171	5	1.37E-04
172	5	1.45E-04
173	5	2.55E-04
174	5	2.80E-04
175	5	3.06E-04
176	5	3.31E-04
177	5	3.57E-04
178	5	3.85E-04
179	5	4.15E-04
180	5	4.55E-04
181	5	5.08E-04
182	5	5.74E-04
183	5	6.98E-04
184	5	6.48E-04
185	5	1.42E-04
186	5	1.53E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	1.62E-04
188	5	3.04E-04
189	5	3.40E-04
190	5	3.78E-04
191	5	4.16E-04
192	5	4.57E-04
193	5	4.96E-04
194	5	5.43E-04
195	5	6.07E-04
196	5	6.92E-04
197	5	7.92E-04
198	5	1.69E-04
199	5	1.83E-04
200	5	1.87E-04
201	5	2.07E-04
202	5	2.26E-04
203	5	2.31E-04
204	5	2.60E-04
205	5	2.91E-04
206	5	2.94E-04
207	5	3.37E-04
208	5	3.89E-04
209	5	3.30E-04
210	5	3.88E-04
211	5	4.56E-04
212	5	4.40E-04
213	5	5.36E-04
214	5	6.53E-04
215	5	4.99E-04
216	5	6.18E-04
217	5	7.71E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	9.11E-04
219	5	1.22E-03
220	5	1.06E-03
221	5	1.42E-03
222	5	1.15E-03
223	5	1.53E-03
224	5	2.11E-03
225	5	1.49E-03
226	5	1.92E-03
227	5	2.17E-04
228	5	1.90E-04
229	5	1.69E-04
230	5	1.51E-04
231	5	1.96E-04
232	5	1.74E-04
233	5	1.55E-04
234	5	1.39E-04
235	5	1.77E-04
236	5	1.59E-04
237	5	1.42E-04
238	5	1.29E-04
239	5	2.13E-03
240	5	1.78E-03
241	5	1.49E-03
242	5	1.27E-03
243	5	1.76E-03
244	5	1.50E-03
245	5	1.28E-03
246	5	1.11E-03
247	5	1.47E-03
248	5	1.27E-03



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	1.11E-03
250	5	9.69E-04
251	5	4.97E-04
252	5	4.54E-04
253	5	5.84E-04
254	5	5.36E-04
255	5	4.51E-04
256	5	4.15E-04
257	5	3.27E-04
258	5	5.22E-04
259	5	4.82E-04
260	5	4.45E-04
261	5	4.11E-04
262	5	3.80E-04
263	5	3.03E-04
264	5	4.35E-04
265	5	4.04E-04
266	5	3.76E-04
267	5	3.49E-04
268	5	2.82E-04
269	5	4.36E-04
270	5	3.67E-04
271	5	3.12E-04
272	5	2.69E-04
273	5	2.33E-04
274	5	2.05E-04
275	5	1.81E-04
276	5	3.95E-04
277	5	3.32E-04
278	5	2.83E-04
279	5	2.45E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	2.13E-04
281	5	1.88E-04
282	5	1.67E-04
283	5	3.51E-04
284	5	2.97E-04
285	5	2.55E-04
286	5	2.21E-04
287	5	1.94E-04
288	5	1.72E-04
289	5	1.53E-04
290	5	3.11E-04
291	5	2.65E-04
292	5	2.29E-04
293	5	2.00E-04
294	5	1.77E-04
295	5	1.57E-04
296	5	1.41E-04
297	5	2.75E-04
298	5	2.37E-04
299	5	2.07E-04
300	5	1.82E-04
301	5	1.61E-04
302	5	1.44E-04
303	5	1.30E-04
304	5	2.45E-04
305	5	2.13E-04
306	5	1.87E-04
307	5	1.66E-04
308	5	1.48E-04
309	5	1.33E-04
310	5	1.20E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Building Construction Risk**

***Chronic Non Cancer Risk***

<b>Receptor #</b>	<b>REL</b>	<b>HI</b>
311	5	2.21E-04
312	5	1.93E-04
313	5	1.71E-04
314	5	1.52E-04
315	5	1.37E-04
316	5	1.23E-04
317	5	1.12E-04

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Parcel 3-G: Unmitigated - Parcel 3 - Paving Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05173	3.89E-03	2.0E-04	1.05E-03	2.10E-07	8.61E-04	1.81E-10	1.0E+06	1.8E-04
2	0.05415	3.89E-03	2.1E-04	1.05E-03	2.20E-07	8.61E-04	1.89E-10	1.0E+06	1.9E-04
3	0.05491	3.89E-03	2.1E-04	1.05E-03	2.23E-07	8.61E-04	1.92E-10	1.0E+06	1.9E-04
4	0.07352	3.89E-03	2.9E-04	1.05E-03	2.99E-07	8.61E-04	2.57E-10	1.0E+06	2.6E-04
5	0.07642	3.89E-03	3.0E-04	1.05E-03	3.10E-07	8.61E-04	2.67E-10	1.0E+06	2.7E-04
6	0.07919	3.89E-03	3.1E-04	1.05E-03	3.22E-07	8.61E-04	2.77E-10	1.0E+06	2.8E-04
7	0.08182	3.89E-03	3.2E-04	1.05E-03	3.32E-07	8.61E-04	2.86E-10	1.0E+06	2.9E-04
8	0.08434	3.89E-03	3.3E-04	1.05E-03	3.43E-07	8.61E-04	2.95E-10	1.0E+06	2.9E-04
9	0.08683	3.89E-03	3.4E-04	1.05E-03	3.53E-07	8.61E-04	3.04E-10	1.0E+06	3.0E-04
10	0.08941	3.89E-03	3.5E-04	1.05E-03	3.63E-07	8.61E-04	3.13E-10	1.0E+06	3.1E-04
11	0.09224	3.89E-03	3.6E-04	1.05E-03	3.75E-07	8.61E-04	3.23E-10	1.0E+06	3.2E-04
12	0.09557	3.89E-03	3.7E-04	1.05E-03	3.88E-07	8.61E-04	3.34E-10	1.0E+06	3.3E-04
13	0.09975	3.89E-03	3.9E-04	1.05E-03	4.05E-07	8.61E-04	3.49E-10	1.0E+06	3.5E-04
14	0.10466	3.89E-03	4.1E-04	1.05E-03	4.25E-07	8.61E-04	3.66E-10	1.0E+06	3.7E-04
15	0.11049	3.89E-03	4.3E-04	1.05E-03	4.49E-07	8.61E-04	3.86E-10	1.0E+06	3.9E-04
16	0.11744	3.89E-03	4.6E-04	1.05E-03	4.77E-07	8.61E-04	4.11E-10	1.0E+06	4.1E-04
17	0.12525	3.89E-03	4.9E-04	1.05E-03	5.09E-07	8.61E-04	4.38E-10	1.0E+06	4.4E-04
18	0.13349	3.89E-03	5.2E-04	1.05E-03	5.42E-07	8.61E-04	4.67E-10	1.0E+06	4.7E-04
19	0.14192	3.89E-03	5.5E-04	1.05E-03	5.76E-07	8.61E-04	4.96E-10	1.0E+06	5.0E-04
20	0.1501	3.89E-03	5.8E-04	1.05E-03	6.10E-07	8.61E-04	5.25E-10	1.0E+06	5.2E-04
21	0.15756	3.89E-03	6.1E-04	1.05E-03	6.40E-07	8.61E-04	5.51E-10	1.0E+06	5.5E-04
22	0.16386	3.89E-03	6.4E-04	1.05E-03	6.66E-07	8.61E-04	5.73E-10	1.0E+06	5.7E-04
23	0.16866	3.89E-03	6.6E-04	1.05E-03	6.85E-07	8.61E-04	5.90E-10	1.0E+06	5.9E-04
24	0.1717	3.89E-03	6.7E-04	1.05E-03	6.97E-07	8.61E-04	6.00E-10	1.0E+06	6.0E-04
25	0.1729	3.89E-03	6.7E-04	1.05E-03	7.02E-07	8.61E-04	6.05E-10	1.0E+06	6.0E-04
26	0.05564	3.89E-03	2.2E-04	1.05E-03	2.26E-07	8.61E-04	1.95E-10	1.0E+06	1.9E-04
27	0.05836	3.89E-03	2.3E-04	1.05E-03	2.37E-07	8.61E-04	2.04E-10	1.0E+06	2.0E-04
28	0.05928	3.89E-03	2.3E-04	1.05E-03	2.41E-07	8.61E-04	2.07E-10	1.0E+06	2.1E-04
29	0.08146	3.89E-03	3.2E-04	1.05E-03	3.31E-07	8.61E-04	2.85E-10	1.0E+06	2.8E-04
30	0.08508	3.89E-03	3.3E-04	1.05E-03	3.46E-07	8.61E-04	2.98E-10	1.0E+06	3.0E-04
31	0.08856	3.89E-03	3.4E-04	1.05E-03	3.60E-07	8.61E-04	3.10E-10	1.0E+06	3.1E-04

<b>Max</b>	<b>Receptor #</b>
0.006	239

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.09187	3.89E-03	3.6E-04	1.05E-03	3.73E-07	8.61E-04	3.21E-10	1.0E+06	3.2E-04
33	0.09502	3.89E-03	3.7E-04	1.05E-03	3.86E-07	8.61E-04	3.32E-10	1.0E+06	3.3E-04
34	0.09812	3.89E-03	3.8E-04	1.05E-03	3.99E-07	8.61E-04	3.43E-10	1.0E+06	3.4E-04
35	0.10134	3.89E-03	3.9E-04	1.05E-03	4.12E-07	8.61E-04	3.54E-10	1.0E+06	3.5E-04
36	0.10488	3.89E-03	4.1E-04	1.05E-03	4.26E-07	8.61E-04	3.67E-10	1.0E+06	3.7E-04
37	0.1093	3.89E-03	4.2E-04	1.05E-03	4.44E-07	8.61E-04	3.82E-10	1.0E+06	3.8E-04
38	0.11467	3.89E-03	4.5E-04	1.05E-03	4.66E-07	8.61E-04	4.01E-10	1.0E+06	4.0E-04
39	0.1209	3.89E-03	4.7E-04	1.05E-03	4.91E-07	8.61E-04	4.23E-10	1.0E+06	4.2E-04
40	0.1285	3.89E-03	5.0E-04	1.05E-03	5.22E-07	8.61E-04	4.49E-10	1.0E+06	4.5E-04
41	0.13754	3.89E-03	5.3E-04	1.05E-03	5.59E-07	8.61E-04	4.81E-10	1.0E+06	4.8E-04
42	0.14736	3.89E-03	5.7E-04	1.05E-03	5.98E-07	8.61E-04	5.15E-10	1.0E+06	5.2E-04
43	0.15761	3.89E-03	6.1E-04	1.05E-03	6.40E-07	8.61E-04	5.51E-10	1.0E+06	5.5E-04
44	0.16775	3.89E-03	6.5E-04	1.05E-03	6.81E-07	8.61E-04	5.87E-10	1.0E+06	5.9E-04
45	0.17712	3.89E-03	6.9E-04	1.05E-03	7.19E-07	8.61E-04	6.19E-10	1.0E+06	6.2E-04
46	0.18512	3.89E-03	7.2E-04	1.05E-03	7.52E-07	8.61E-04	6.47E-10	1.0E+06	6.5E-04
47	0.19121	3.89E-03	7.4E-04	1.05E-03	7.77E-07	8.61E-04	6.69E-10	1.0E+06	6.7E-04
48	0.19506	3.89E-03	7.6E-04	1.05E-03	7.92E-07	8.61E-04	6.82E-10	1.0E+06	6.8E-04
49	0.1965	3.89E-03	7.6E-04	1.05E-03	7.98E-07	8.61E-04	6.87E-10	1.0E+06	6.9E-04
50	0.19556	3.89E-03	7.6E-04	1.05E-03	7.94E-07	8.61E-04	6.84E-10	1.0E+06	6.8E-04
51	0.06005	3.89E-03	2.3E-04	1.05E-03	2.44E-07	8.61E-04	2.10E-10	1.0E+06	2.1E-04
52	0.06315	3.89E-03	2.5E-04	1.05E-03	2.56E-07	8.61E-04	2.21E-10	1.0E+06	2.2E-04
53	0.06431	3.89E-03	2.5E-04	1.05E-03	2.61E-07	8.61E-04	2.25E-10	1.0E+06	2.2E-04
54	0.09084	3.89E-03	3.5E-04	1.05E-03	3.69E-07	8.61E-04	3.18E-10	1.0E+06	3.2E-04
55	0.09538	3.89E-03	3.7E-04	1.05E-03	3.87E-07	8.61E-04	3.34E-10	1.0E+06	3.3E-04
56	0.09977	3.89E-03	3.9E-04	1.05E-03	4.05E-07	8.61E-04	3.49E-10	1.0E+06	3.5E-04
57	0.10398	3.89E-03	4.0E-04	1.05E-03	4.22E-07	8.61E-04	3.64E-10	1.0E+06	3.6E-04
58	0.108	3.89E-03	4.2E-04	1.05E-03	4.39E-07	8.61E-04	3.78E-10	1.0E+06	3.8E-04
59	0.11198	3.89E-03	4.4E-04	1.05E-03	4.55E-07	8.61E-04	3.92E-10	1.0E+06	3.9E-04
60	0.11609	3.89E-03	4.5E-04	1.05E-03	4.71E-07	8.61E-04	4.06E-10	1.0E+06	4.1E-04
61	0.12062	3.89E-03	4.7E-04	1.05E-03	4.90E-07	8.61E-04	4.22E-10	1.0E+06	4.2E-04
62	0.12645	3.89E-03	4.9E-04	1.05E-03	5.14E-07	8.61E-04	4.42E-10	1.0E+06	4.4E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.13334	3.89E-03	5.2E-04	1.05E-03	5.42E-07	8.61E-04	4.66E-10	1.0E+06	4.7E-04
64	0.14162	3.89E-03	5.5E-04	1.05E-03	5.75E-07	8.61E-04	4.95E-10	1.0E+06	5.0E-04
65	0.15169	3.89E-03	5.9E-04	1.05E-03	6.16E-07	8.61E-04	5.30E-10	1.0E+06	5.3E-04
66	0.16349	3.89E-03	6.4E-04	1.05E-03	6.64E-07	8.61E-04	5.72E-10	1.0E+06	5.7E-04
67	0.17599	3.89E-03	6.8E-04	1.05E-03	7.15E-07	8.61E-04	6.15E-10	1.0E+06	6.2E-04
68	0.18868	3.89E-03	7.3E-04	1.05E-03	7.66E-07	8.61E-04	6.60E-10	1.0E+06	6.6E-04
69	0.20063	3.89E-03	7.8E-04	1.05E-03	8.15E-07	8.61E-04	7.02E-10	1.0E+06	7.0E-04
70	0.21095	3.89E-03	8.2E-04	1.05E-03	8.57E-07	8.61E-04	7.38E-10	1.0E+06	7.4E-04
71	0.21885	3.89E-03	8.5E-04	1.05E-03	8.89E-07	8.61E-04	7.65E-10	1.0E+06	7.7E-04
72	0.2238	3.89E-03	8.7E-04	1.05E-03	9.09E-07	8.61E-04	7.83E-10	1.0E+06	7.8E-04
73	0.22558	3.89E-03	8.8E-04	1.05E-03	9.16E-07	8.61E-04	7.89E-10	1.0E+06	7.9E-04
74	0.22422	3.89E-03	8.7E-04	1.05E-03	9.11E-07	8.61E-04	7.84E-10	1.0E+06	7.8E-04
75	0.22	3.89E-03	8.5E-04	1.05E-03	8.94E-07	8.61E-04	7.69E-10	1.0E+06	7.7E-04
76	0.06504	3.89E-03	2.5E-04	1.05E-03	2.64E-07	8.61E-04	2.27E-10	1.0E+06	2.3E-04
77	0.06861	3.89E-03	2.7E-04	1.05E-03	2.79E-07	8.61E-04	2.40E-10	1.0E+06	2.4E-04
78	0.07017	3.89E-03	2.7E-04	1.05E-03	2.85E-07	8.61E-04	2.45E-10	1.0E+06	2.5E-04
79	0.10196	3.89E-03	4.0E-04	1.05E-03	4.14E-07	8.61E-04	3.57E-10	1.0E+06	3.6E-04
80	0.10775	3.89E-03	4.2E-04	1.05E-03	4.38E-07	8.61E-04	3.77E-10	1.0E+06	3.8E-04
81	0.11338	3.89E-03	4.4E-04	1.05E-03	4.60E-07	8.61E-04	3.97E-10	1.0E+06	4.0E-04
82	0.11881	3.89E-03	4.6E-04	1.05E-03	4.83E-07	8.61E-04	4.15E-10	1.0E+06	4.2E-04
83	0.12405	3.89E-03	4.8E-04	1.05E-03	5.04E-07	8.61E-04	4.34E-10	1.0E+06	4.3E-04
84	0.12923	3.89E-03	5.0E-04	1.05E-03	5.25E-07	8.61E-04	4.52E-10	1.0E+06	4.5E-04
85	0.13459	3.89E-03	5.2E-04	1.05E-03	5.47E-07	8.61E-04	4.71E-10	1.0E+06	4.7E-04
86	0.14103	3.89E-03	5.5E-04	1.05E-03	5.73E-07	8.61E-04	4.93E-10	1.0E+06	4.9E-04
87	0.14849	3.89E-03	5.8E-04	1.05E-03	6.03E-07	8.61E-04	5.19E-10	1.0E+06	5.2E-04
88	0.15741	3.89E-03	6.1E-04	1.05E-03	6.39E-07	8.61E-04	5.50E-10	1.0E+06	5.5E-04
89	0.16864	3.89E-03	6.6E-04	1.05E-03	6.85E-07	8.61E-04	5.90E-10	1.0E+06	5.9E-04
90	0.18227	3.89E-03	7.1E-04	1.05E-03	7.40E-07	8.61E-04	6.37E-10	1.0E+06	6.4E-04
91	0.19771	3.89E-03	7.7E-04	1.05E-03	8.03E-07	8.61E-04	6.91E-10	1.0E+06	6.9E-04
92	0.21369	3.89E-03	8.3E-04	1.05E-03	8.68E-07	8.61E-04	7.47E-10	1.0E+06	7.5E-04
93	0.22914	3.89E-03	8.9E-04	1.05E-03	9.31E-07	8.61E-04	8.01E-10	1.0E+06	8.0E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.2427	3.89E-03	9.4E-04	1.05E-03	9.86E-07	8.61E-04	8.49E-10	1.0E+06	8.5E-04
95	0.25317	3.89E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.85E-10	1.0E+06	8.9E-04
96	0.25973	3.89E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.08E-10	1.0E+06	9.1E-04
97	0.26198	3.89E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.16E-10	1.0E+06	9.2E-04
98	0.26001	3.89E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.09E-10	1.0E+06	9.1E-04
99	0.25425	3.89E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.89E-10	1.0E+06	8.9E-04
100	0.24536	3.89E-03	9.5E-04	1.05E-03	9.97E-07	8.61E-04	8.58E-10	1.0E+06	8.6E-04
101	0.07066	3.89E-03	2.7E-04	1.05E-03	2.87E-07	8.61E-04	2.47E-10	1.0E+06	2.5E-04
102	0.07484	3.89E-03	2.9E-04	1.05E-03	3.04E-07	8.61E-04	2.62E-10	1.0E+06	2.6E-04
103	0.07699	3.89E-03	3.0E-04	1.05E-03	3.13E-07	8.61E-04	2.69E-10	1.0E+06	2.7E-04
104	0.11528	3.89E-03	4.5E-04	1.05E-03	4.68E-07	8.61E-04	4.03E-10	1.0E+06	4.0E-04
105	0.12276	3.89E-03	4.8E-04	1.05E-03	4.99E-07	8.61E-04	4.29E-10	1.0E+06	4.3E-04
106	0.13013	3.89E-03	5.1E-04	1.05E-03	5.29E-07	8.61E-04	4.55E-10	1.0E+06	4.6E-04
107	0.13728	3.89E-03	5.3E-04	1.05E-03	5.58E-07	8.61E-04	4.80E-10	1.0E+06	4.8E-04
108	0.14424	3.89E-03	5.6E-04	1.05E-03	5.86E-07	8.61E-04	5.04E-10	1.0E+06	5.0E-04
109	0.15109	3.89E-03	5.9E-04	1.05E-03	6.14E-07	8.61E-04	5.28E-10	1.0E+06	5.3E-04
110	0.15835	3.89E-03	6.2E-04	1.05E-03	6.43E-07	8.61E-04	5.54E-10	1.0E+06	5.5E-04
111	0.16721	3.89E-03	6.5E-04	1.05E-03	6.79E-07	8.61E-04	5.85E-10	1.0E+06	5.8E-04
112	0.17687	3.89E-03	6.9E-04	1.05E-03	7.18E-07	8.61E-04	6.19E-10	1.0E+06	6.2E-04
113	0.18922	3.89E-03	7.4E-04	1.05E-03	7.69E-07	8.61E-04	6.62E-10	1.0E+06	6.6E-04
114	0.20482	3.89E-03	8.0E-04	1.05E-03	8.32E-07	8.61E-04	7.16E-10	1.0E+06	7.2E-04
115	0.22345	3.89E-03	8.7E-04	1.05E-03	9.08E-07	8.61E-04	7.81E-10	1.0E+06	7.8E-04
116	0.24382	3.89E-03	9.5E-04	1.05E-03	9.90E-07	8.61E-04	8.53E-10	1.0E+06	8.5E-04
117	0.26406	3.89E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.23E-10	1.0E+06	9.2E-04
118	0.28224	3.89E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.87E-10	1.0E+06	9.9E-04
119	0.29648	3.89E-03	1.2E-03	1.05E-03	1.20E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
120	0.3054	3.89E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
121	0.30838	3.89E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
122	0.30551	3.89E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
123	0.29749	3.89E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
124	0.28534	3.89E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.98E-10	1.0E+06	1.0E-03



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
125	0.07695	3.89E-03	3.0E-04	1.05E-03	3.13E-07	8.61E-04	2.69E-10	1.0E+06	2.7E-04
126	0.08188	3.89E-03	3.2E-04	1.05E-03	3.33E-07	8.61E-04	2.86E-10	1.0E+06	2.9E-04
127	0.0848	3.89E-03	3.3E-04	1.05E-03	3.44E-07	8.61E-04	2.97E-10	1.0E+06	3.0E-04
128	0.14121	3.89E-03	5.5E-04	1.05E-03	5.74E-07	8.61E-04	4.94E-10	1.0E+06	4.9E-04
129	0.15102	3.89E-03	5.9E-04	1.05E-03	6.13E-07	8.61E-04	5.28E-10	1.0E+06	5.3E-04
130	0.16069	3.89E-03	6.2E-04	1.05E-03	6.53E-07	8.61E-04	5.62E-10	1.0E+06	5.6E-04
131	0.17009	3.89E-03	6.6E-04	1.05E-03	6.91E-07	8.61E-04	5.95E-10	1.0E+06	5.9E-04
132	0.17937	3.89E-03	7.0E-04	1.05E-03	7.28E-07	8.61E-04	6.27E-10	1.0E+06	6.3E-04
133	0.18971	3.89E-03	7.4E-04	1.05E-03	7.70E-07	8.61E-04	6.63E-10	1.0E+06	6.6E-04
134	0.20127	3.89E-03	7.8E-04	1.05E-03	8.17E-07	8.61E-04	7.04E-10	1.0E+06	7.0E-04
135	0.21484	3.89E-03	8.3E-04	1.05E-03	8.73E-07	8.61E-04	7.51E-10	1.0E+06	7.5E-04
136	0.23245	3.89E-03	9.0E-04	1.05E-03	9.44E-07	8.61E-04	8.13E-10	1.0E+06	8.1E-04
137	0.25464	3.89E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.91E-10	1.0E+06	8.9E-04
138	0.28047	3.89E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.81E-10	1.0E+06	9.8E-04
139	0.30723	3.89E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
140	0.33215	3.89E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
141	0.35208	3.89E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
142	0.36464	3.89E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.28E-09	1.0E+06	1.3E-03
143	0.36874	3.89E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
144	0.36453	3.89E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
145	0.35313	3.89E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
146	0.33619	3.89E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
147	0.08393	3.89E-03	3.3E-04	1.05E-03	3.41E-07	8.61E-04	2.94E-10	1.0E+06	2.9E-04
148	0.08984	3.89E-03	3.5E-04	1.05E-03	3.65E-07	8.61E-04	3.14E-10	1.0E+06	3.1E-04
149	0.09399	3.89E-03	3.7E-04	1.05E-03	3.82E-07	8.61E-04	3.29E-10	1.0E+06	3.3E-04
150	0.16419	3.89E-03	6.4E-04	1.05E-03	6.67E-07	8.61E-04	5.74E-10	1.0E+06	5.7E-04
151	0.17751	3.89E-03	6.9E-04	1.05E-03	7.21E-07	8.61E-04	6.21E-10	1.0E+06	6.2E-04
152	0.19084	3.89E-03	7.4E-04	1.05E-03	7.75E-07	8.61E-04	6.67E-10	1.0E+06	6.7E-04
153	0.20393	3.89E-03	7.9E-04	1.05E-03	8.28E-07	8.61E-04	7.13E-10	1.0E+06	7.1E-04
154	0.21688	3.89E-03	8.4E-04	1.05E-03	8.81E-07	8.61E-04	7.58E-10	1.0E+06	7.6E-04
155	0.23205	3.89E-03	9.0E-04	1.05E-03	9.42E-07	8.61E-04	8.12E-10	1.0E+06	8.1E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
156	0.24754	3.89E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.66E-10	1.0E+06	8.7E-04
157	0.26727	3.89E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.35E-10	1.0E+06	9.3E-04
158	0.29328	3.89E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
159	0.32558	3.89E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
160	0.36139	3.89E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03
161	0.39593	3.89E-03	1.5E-03	1.05E-03	1.61E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
162	0.42472	3.89E-03	1.7E-03	1.05E-03	1.72E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03
163	0.44317	3.89E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.5E-03
164	0.4492	3.89E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03
165	0.44294	3.89E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.5E-03
166	0.42633	3.89E-03	1.7E-03	1.05E-03	1.73E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03
167	0.40213	3.89E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
168	0.37322	3.89E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
169	0.09161	3.89E-03	3.6E-04	1.05E-03	3.72E-07	8.61E-04	3.20E-10	1.0E+06	3.2E-04
170	0.09872	3.89E-03	3.8E-04	1.05E-03	4.01E-07	8.61E-04	3.45E-10	1.0E+06	3.5E-04
171	0.10469	3.89E-03	4.1E-04	1.05E-03	4.25E-07	8.61E-04	3.66E-10	1.0E+06	3.7E-04
172	0.11063	3.89E-03	4.3E-04	1.05E-03	4.49E-07	8.61E-04	3.87E-10	1.0E+06	3.9E-04
173	0.19323	3.89E-03	7.5E-04	1.05E-03	7.85E-07	8.61E-04	6.76E-10	1.0E+06	6.8E-04
174	0.21175	3.89E-03	8.2E-04	1.05E-03	8.60E-07	8.61E-04	7.41E-10	1.0E+06	7.4E-04
175	0.2307	3.89E-03	9.0E-04	1.05E-03	9.37E-07	8.61E-04	8.07E-10	1.0E+06	8.1E-04
176	0.24944	3.89E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.72E-10	1.0E+06	8.7E-04
177	0.26874	3.89E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.40E-10	1.0E+06	9.4E-04
178	0.28991	3.89E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
179	0.31268	3.89E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
180	0.34269	3.89E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
181	0.38232	3.89E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
182	0.43009	3.89E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03
183	0.52516	3.89E-03	2.0E-03	1.05E-03	2.13E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03
184	0.48956	3.89E-03	1.9E-03	1.05E-03	1.99E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03
185	0.10852	3.89E-03	4.2E-04	1.05E-03	4.41E-07	8.61E-04	3.80E-10	1.0E+06	3.8E-04
186	0.11669	3.89E-03	4.5E-04	1.05E-03	4.74E-07	8.61E-04	4.08E-10	1.0E+06	4.1E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
187	0.12406	3.89E-03	4.8E-04	1.05E-03	5.04E-07	8.61E-04	4.34E-10	1.0E+06	4.3E-04
188	0.23043	3.89E-03	9.0E-04	1.05E-03	9.36E-07	8.61E-04	8.06E-10	1.0E+06	8.1E-04
189	0.25678	3.89E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.98E-10	1.0E+06	9.0E-04
190	0.28456	3.89E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.95E-10	1.0E+06	1.0E-03
191	0.31271	3.89E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
192	0.34316	3.89E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
193	0.37324	3.89E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
194	0.40858	3.89E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03
195	0.45619	3.89E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03
196	0.51884	3.89E-03	2.0E-03	1.05E-03	2.11E-06	8.61E-04	1.81E-09	1.0E+06	1.8E-03
197	0.59047	3.89E-03	2.3E-03	1.05E-03	2.40E-06	8.61E-04	2.06E-09	1.0E+06	2.1E-03
198	0.12895	3.89E-03	5.0E-04	1.05E-03	5.24E-07	8.61E-04	4.51E-10	1.0E+06	4.5E-04
199	0.14013	3.89E-03	5.4E-04	1.05E-03	5.69E-07	8.61E-04	4.90E-10	1.0E+06	4.9E-04
200	0.14295	3.89E-03	5.6E-04	1.05E-03	5.81E-07	8.61E-04	5.00E-10	1.0E+06	5.0E-04
201	0.15794	3.89E-03	6.1E-04	1.05E-03	6.41E-07	8.61E-04	5.52E-10	1.0E+06	5.5E-04
202	0.17236	3.89E-03	6.7E-04	1.05E-03	7.00E-07	8.61E-04	6.03E-10	1.0E+06	6.0E-04
203	0.17657	3.89E-03	6.9E-04	1.05E-03	7.17E-07	8.61E-04	6.17E-10	1.0E+06	6.2E-04
204	0.19856	3.89E-03	7.7E-04	1.05E-03	8.06E-07	8.61E-04	6.94E-10	1.0E+06	6.9E-04
205	0.22228	3.89E-03	8.6E-04	1.05E-03	9.03E-07	8.61E-04	7.77E-10	1.0E+06	7.8E-04
206	0.22518	3.89E-03	8.7E-04	1.05E-03	9.15E-07	8.61E-04	7.87E-10	1.0E+06	7.9E-04
207	0.25763	3.89E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.01E-10	1.0E+06	9.0E-04
208	0.29753	3.89E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
209	0.25295	3.89E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.85E-10	1.0E+06	8.8E-04
210	0.29753	3.89E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
211	0.34934	3.89E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03
212	0.33855	3.89E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
213	0.41187	3.89E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03
214	0.50126	3.89E-03	1.9E-03	1.05E-03	2.04E-06	8.61E-04	1.75E-09	1.0E+06	1.8E-03
215	0.3843	3.89E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
216	0.47649	3.89E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03
217	0.59475	3.89E-03	2.3E-03	1.05E-03	2.42E-06	8.61E-04	2.08E-09	1.0E+06	2.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
218	0.70465	3.89E-03	2.7E-03	1.05E-03	2.86E-06	8.61E-04	2.46E-09	1.0E+06	2.5E-03
219	0.9481	3.89E-03	3.7E-03	1.05E-03	3.85E-06	8.61E-04	3.32E-09	1.0E+06	3.3E-03
220	0.81983	3.89E-03	3.2E-03	1.05E-03	3.33E-06	8.61E-04	2.87E-09	1.0E+06	2.9E-03
221	1.10575	3.89E-03	4.3E-03	1.05E-03	4.49E-06	8.61E-04	3.87E-09	1.0E+06	3.9E-03
222	0.90067	3.89E-03	3.5E-03	1.05E-03	3.66E-06	8.61E-04	3.15E-09	1.0E+06	3.1E-03
223	1.19942	3.89E-03	4.7E-03	1.05E-03	4.87E-06	8.61E-04	4.19E-09	1.0E+06	4.2E-03
224	1.67685	3.89E-03	6.5E-03	1.05E-03	6.81E-06	8.61E-04	5.86E-09	1.0E+06	5.9E-03
225	1.17946	3.89E-03	4.6E-03	1.05E-03	4.79E-06	8.61E-04	4.12E-09	1.0E+06	4.1E-03
226	1.5378	3.89E-03	6.0E-03	1.05E-03	6.25E-06	8.61E-04	5.38E-09	1.0E+06	5.4E-03
227	0.16934	3.89E-03	6.6E-04	1.05E-03	6.88E-07	8.61E-04	5.92E-10	1.0E+06	5.9E-04
228	0.14857	3.89E-03	5.8E-04	1.05E-03	6.03E-07	8.61E-04	5.20E-10	1.0E+06	5.2E-04
229	0.13146	3.89E-03	5.1E-04	1.05E-03	5.34E-07	8.61E-04	4.60E-10	1.0E+06	4.6E-04
230	0.11721	3.89E-03	4.6E-04	1.05E-03	4.76E-07	8.61E-04	4.10E-10	1.0E+06	4.1E-04
231	0.15294	3.89E-03	5.9E-04	1.05E-03	6.21E-07	8.61E-04	5.35E-10	1.0E+06	5.3E-04
232	0.13534	3.89E-03	5.3E-04	1.05E-03	5.50E-07	8.61E-04	4.73E-10	1.0E+06	4.7E-04
233	0.12065	3.89E-03	4.7E-04	1.05E-03	4.90E-07	8.61E-04	4.22E-10	1.0E+06	4.2E-04
234	0.10827	3.89E-03	4.2E-04	1.05E-03	4.40E-07	8.61E-04	3.79E-10	1.0E+06	3.8E-04
235	0.13849	3.89E-03	5.4E-04	1.05E-03	5.62E-07	8.61E-04	4.84E-10	1.0E+06	4.8E-04
236	0.12359	3.89E-03	4.8E-04	1.05E-03	5.02E-07	8.61E-04	4.32E-10	1.0E+06	4.3E-04
237	0.11097	3.89E-03	4.3E-04	1.05E-03	4.51E-07	8.61E-04	3.88E-10	1.0E+06	3.9E-04
238	0.1002	3.89E-03	3.9E-04	1.05E-03	4.07E-07	8.61E-04	3.50E-10	1.0E+06	3.5E-04
239	1.76719	3.89E-03	6.9E-03	1.05E-03	7.18E-06	8.61E-04	6.18E-09	1.0E+06	6.2E-03
240	1.45797	3.89E-03	5.7E-03	1.05E-03	5.92E-06	8.61E-04	5.10E-09	1.0E+06	5.1E-03
241	1.21808	3.89E-03	4.7E-03	1.05E-03	4.95E-06	8.61E-04	4.26E-09	1.0E+06	4.3E-03
242	1.0297	3.89E-03	4.0E-03	1.05E-03	4.18E-06	8.61E-04	3.60E-09	1.0E+06	3.6E-03
243	1.44621	3.89E-03	5.6E-03	1.05E-03	5.87E-06	8.61E-04	5.06E-09	1.0E+06	5.1E-03
244	1.2211	3.89E-03	4.7E-03	1.05E-03	4.96E-06	8.61E-04	4.27E-09	1.0E+06	4.3E-03
245	1.03968	3.89E-03	4.0E-03	1.05E-03	4.22E-06	8.61E-04	3.64E-09	1.0E+06	3.6E-03
246	0.89267	3.89E-03	3.5E-03	1.05E-03	3.63E-06	8.61E-04	3.12E-09	1.0E+06	3.1E-03
247	1.20059	3.89E-03	4.7E-03	1.05E-03	4.88E-06	8.61E-04	4.20E-09	1.0E+06	4.2E-03
248	1.03363	3.89E-03	4.0E-03	1.05E-03	4.20E-06	8.61E-04	3.61E-09	1.0E+06	3.6E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
249	0.89459	3.89E-03	3.5E-03	1.05E-03	3.63E-06	8.61E-04	3.13E-09	1.0E+06	3.1E-03
250	0.77862	3.89E-03	3.0E-03	1.05E-03	3.16E-06	8.61E-04	2.72E-09	1.0E+06	2.7E-03
251	0.39359	3.89E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
252	0.35912	3.89E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03
253	0.46527	3.89E-03	1.8E-03	1.05E-03	1.89E-06	8.61E-04	1.63E-09	1.0E+06	1.6E-03
254	0.42562	3.89E-03	1.7E-03	1.05E-03	1.73E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03
255	0.35709	3.89E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.2E-03
256	0.3278	3.89E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03
257	0.25688	3.89E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.98E-10	1.0E+06	9.0E-04
258	0.41518	3.89E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.45E-09	1.0E+06	1.5E-03
259	0.38248	3.89E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
260	0.35238	3.89E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
261	0.32494	3.89E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
262	0.29998	3.89E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03
263	0.23841	3.89E-03	9.3E-04	1.05E-03	9.68E-07	8.61E-04	8.34E-10	1.0E+06	8.3E-04
264	0.34505	3.89E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
265	0.31985	3.89E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
266	0.29658	3.89E-03	1.2E-03	1.05E-03	1.20E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
267	0.27521	3.89E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.62E-10	1.0E+06	9.6E-04
268	0.22169	3.89E-03	8.6E-04	1.05E-03	9.00E-07	8.61E-04	7.75E-10	1.0E+06	7.8E-04
269	0.33958	3.89E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
270	0.28565	3.89E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.99E-10	1.0E+06	1.0E-03
271	0.24311	3.89E-03	9.4E-04	1.05E-03	9.87E-07	8.61E-04	8.50E-10	1.0E+06	8.5E-04
272	0.20914	3.89E-03	8.1E-04	1.05E-03	8.49E-07	8.61E-04	7.31E-10	1.0E+06	7.3E-04
273	0.18172	3.89E-03	7.1E-04	1.05E-03	7.38E-07	8.61E-04	6.35E-10	1.0E+06	6.4E-04
274	0.15936	3.89E-03	6.2E-04	1.05E-03	6.47E-07	8.61E-04	5.57E-10	1.0E+06	5.6E-04
275	0.14093	3.89E-03	5.5E-04	1.05E-03	5.72E-07	8.61E-04	4.93E-10	1.0E+06	4.9E-04
276	0.30824	3.89E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
277	0.25942	3.89E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.07E-10	1.0E+06	9.1E-04
278	0.22119	3.89E-03	8.6E-04	1.05E-03	8.98E-07	8.61E-04	7.74E-10	1.0E+06	7.7E-04
279	0.19078	3.89E-03	7.4E-04	1.05E-03	7.75E-07	8.61E-04	6.67E-10	1.0E+06	6.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.16629	3.89E-03	6.5E-04	1.05E-03	6.75E-07	8.61E-04	5.82E-10	1.0E+06	5.8E-04
281	0.14631	3.89E-03	5.7E-04	1.05E-03	5.94E-07	8.61E-04	5.12E-10	1.0E+06	5.1E-04
282	0.12982	3.89E-03	5.0E-04	1.05E-03	5.27E-07	8.61E-04	4.54E-10	1.0E+06	4.5E-04
283	0.27512	3.89E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.62E-10	1.0E+06	9.6E-04
284	0.23269	3.89E-03	9.0E-04	1.05E-03	9.45E-07	8.61E-04	8.14E-10	1.0E+06	8.1E-04
285	0.19943	3.89E-03	7.7E-04	1.05E-03	8.10E-07	8.61E-04	6.97E-10	1.0E+06	7.0E-04
286	0.1729	3.89E-03	6.7E-04	1.05E-03	7.02E-07	8.61E-04	6.05E-10	1.0E+06	6.0E-04
287	0.15145	3.89E-03	5.9E-04	1.05E-03	6.15E-07	8.61E-04	5.30E-10	1.0E+06	5.3E-04
288	0.13388	3.89E-03	5.2E-04	1.05E-03	5.44E-07	8.61E-04	4.68E-10	1.0E+06	4.7E-04
289	0.11933	3.89E-03	4.6E-04	1.05E-03	4.85E-07	8.61E-04	4.17E-10	1.0E+06	4.2E-04
290	0.2436	3.89E-03	9.5E-04	1.05E-03	9.89E-07	8.61E-04	8.52E-10	1.0E+06	8.5E-04
291	0.20765	3.89E-03	8.1E-04	1.05E-03	8.43E-07	8.61E-04	7.26E-10	1.0E+06	7.3E-04
292	0.17923	3.89E-03	7.0E-04	1.05E-03	7.28E-07	8.61E-04	6.27E-10	1.0E+06	6.3E-04
293	0.15641	3.89E-03	6.1E-04	1.05E-03	6.35E-07	8.61E-04	5.47E-10	1.0E+06	5.5E-04
294	0.13783	3.89E-03	5.4E-04	1.05E-03	5.60E-07	8.61E-04	4.82E-10	1.0E+06	4.8E-04
295	0.12251	3.89E-03	4.8E-04	1.05E-03	4.98E-07	8.61E-04	4.28E-10	1.0E+06	4.3E-04
296	0.10974	3.89E-03	4.3E-04	1.05E-03	4.46E-07	8.61E-04	3.84E-10	1.0E+06	3.8E-04
297	0.21574	3.89E-03	8.4E-04	1.05E-03	8.76E-07	8.61E-04	7.54E-10	1.0E+06	7.5E-04
298	0.18553	3.89E-03	7.2E-04	1.05E-03	7.54E-07	8.61E-04	6.49E-10	1.0E+06	6.5E-04
299	0.1614	3.89E-03	6.3E-04	1.05E-03	6.56E-07	8.61E-04	5.64E-10	1.0E+06	5.6E-04
300	0.14184	3.89E-03	5.5E-04	1.05E-03	5.76E-07	8.61E-04	4.96E-10	1.0E+06	5.0E-04
301	0.12578	3.89E-03	4.9E-04	1.05E-03	5.11E-07	8.61E-04	4.40E-10	1.0E+06	4.4E-04
302	0.11243	3.89E-03	4.4E-04	1.05E-03	4.57E-07	8.61E-04	3.93E-10	1.0E+06	3.9E-04
303	0.10121	3.89E-03	3.9E-04	1.05E-03	4.11E-07	8.61E-04	3.54E-10	1.0E+06	3.5E-04
304	0.1921	3.89E-03	7.5E-04	1.05E-03	7.80E-07	8.61E-04	6.72E-10	1.0E+06	6.7E-04
305	0.16666	3.89E-03	6.5E-04	1.05E-03	6.77E-07	8.61E-04	5.83E-10	1.0E+06	5.8E-04
306	0.14611	3.89E-03	5.7E-04	1.05E-03	5.93E-07	8.61E-04	5.11E-10	1.0E+06	5.1E-04
307	0.12927	3.89E-03	5.0E-04	1.05E-03	5.25E-07	8.61E-04	4.52E-10	1.0E+06	4.5E-04
308	0.11532	3.89E-03	4.5E-04	1.05E-03	4.68E-07	8.61E-04	4.03E-10	1.0E+06	4.0E-04
309	0.10363	3.89E-03	4.0E-04	1.05E-03	4.21E-07	8.61E-04	3.62E-10	1.0E+06	3.6E-04
310	0.09374	3.89E-03	3.6E-04	1.05E-03	3.81E-07	8.61E-04	3.28E-10	1.0E+06	3.3E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.17246	3.89E-03	6.7E-04	1.05E-03	7.00E-07	8.61E-04	6.03E-10	1.0E+06	6.0E-04
312	0.15081	3.89E-03	5.9E-04	1.05E-03	6.13E-07	8.61E-04	5.27E-10	1.0E+06	5.3E-04
313	0.13315	3.89E-03	5.2E-04	1.05E-03	5.41E-07	8.61E-04	4.66E-10	1.0E+06	4.7E-04
314	0.11854	3.89E-03	4.6E-04	1.05E-03	4.81E-07	8.61E-04	4.15E-10	1.0E+06	4.1E-04
315	0.10633	3.89E-03	4.1E-04	1.05E-03	4.32E-07	8.61E-04	3.72E-10	1.0E+06	3.7E-04
316	0.09602	3.89E-03	3.7E-04	1.05E-03	3.90E-07	8.61E-04	3.36E-10	1.0E+06	3.4E-04
317	0.08723	3.89E-03	3.4E-04	1.05E-03	3.54E-07	8.61E-04	3.05E-10	1.0E+06	3.1E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Paving Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	4.02E-05
2	5	4.21E-05
3	5	4.27E-05
4	5	5.71E-05
5	5	5.94E-05
6	5	6.15E-05
7	5	6.36E-05
8	5	6.55E-05
9	5	6.75E-05
10	5	6.95E-05
11	5	7.17E-05
12	5	7.43E-05
13	5	7.75E-05
14	5	8.13E-05
15	5	8.59E-05
16	5	9.13E-05
17	5	9.73E-05
18	5	1.04E-04
19	5	1.10E-04
20	5	1.17E-04
21	5	1.22E-04
22	5	1.27E-04
23	5	1.31E-04
24	5	1.33E-04
25	5	1.34E-04
26	5	4.32E-05
27	5	4.54E-05
28	5	4.61E-05
29	5	6.33E-05
30	5	6.61E-05
31	5	6.88E-05

Max	Receptor #
0.001	239



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	7.14E-05
33	5	7.38E-05
34	5	7.63E-05
35	5	7.88E-05
36	5	8.15E-05
37	5	8.49E-05
38	5	8.91E-05
39	5	9.40E-05
40	5	9.99E-05
41	5	1.07E-04
42	5	1.15E-04
43	5	1.22E-04
44	5	1.30E-04
45	5	1.38E-04
46	5	1.44E-04
47	5	1.49E-04
48	5	1.52E-04
49	5	1.53E-04
50	5	1.52E-04
51	5	4.67E-05
52	5	4.91E-05
53	5	5.00E-05
54	5	7.06E-05
55	5	7.41E-05
56	5	7.75E-05
57	5	8.08E-05
58	5	8.39E-05
59	5	8.70E-05
60	5	9.02E-05
61	5	9.37E-05
62	5	9.83E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	1.04E-04
64	5	1.10E-04
65	5	1.18E-04
66	5	1.27E-04
67	5	1.37E-04
68	5	1.47E-04
69	5	1.56E-04
70	5	1.64E-04
71	5	1.70E-04
72	5	1.74E-04
73	5	1.75E-04
74	5	1.74E-04
75	5	1.71E-04
76	5	5.05E-05
77	5	5.33E-05
78	5	5.45E-05
79	5	7.92E-05
80	5	8.37E-05
81	5	8.81E-05
82	5	9.23E-05
83	5	9.64E-05
84	5	1.00E-04
85	5	1.05E-04
86	5	1.10E-04
87	5	1.15E-04
88	5	1.22E-04
89	5	1.31E-04
90	5	1.42E-04
91	5	1.54E-04
92	5	1.66E-04
93	5	1.78E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	1.89E-04
95	5	1.97E-04
96	5	2.02E-04
97	5	2.04E-04
98	5	2.02E-04
99	5	1.98E-04
100	5	1.91E-04
101	5	5.49E-05
102	5	5.82E-05
103	5	5.98E-05
104	5	8.96E-05
105	5	9.54E-05
106	5	1.01E-04
107	5	1.07E-04
108	5	1.12E-04
109	5	1.17E-04
110	5	1.23E-04
111	5	1.30E-04
112	5	1.37E-04
113	5	1.47E-04
114	5	1.59E-04
115	5	1.74E-04
116	5	1.89E-04
117	5	2.05E-04
118	5	2.19E-04
119	5	2.30E-04
120	5	2.37E-04
121	5	2.40E-04
122	5	2.37E-04
123	5	2.31E-04
124	5	2.22E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	5.98E-05
126	5	6.36E-05
127	5	6.59E-05
128	5	1.10E-04
129	5	1.17E-04
130	5	1.25E-04
131	5	1.32E-04
132	5	1.39E-04
133	5	1.47E-04
134	5	1.56E-04
135	5	1.67E-04
136	5	1.81E-04
137	5	1.98E-04
138	5	2.18E-04
139	5	2.39E-04
140	5	2.58E-04
141	5	2.74E-04
142	5	2.83E-04
143	5	2.87E-04
144	5	2.83E-04
145	5	2.74E-04
146	5	2.61E-04
147	5	6.52E-05
148	5	6.98E-05
149	5	7.30E-05
150	5	1.28E-04
151	5	1.38E-04
152	5	1.48E-04
153	5	1.58E-04
154	5	1.69E-04
155	5	1.80E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	1.92E-04
157	5	2.08E-04
158	5	2.28E-04
159	5	2.53E-04
160	5	2.81E-04
161	5	3.08E-04
162	5	3.30E-04
163	5	3.44E-04
164	5	3.49E-04
165	5	3.44E-04
166	5	3.31E-04
167	5	3.13E-04
168	5	2.90E-04
169	5	7.12E-05
170	5	7.67E-05
171	5	8.14E-05
172	5	8.60E-05
173	5	1.50E-04
174	5	1.65E-04
175	5	1.79E-04
176	5	1.94E-04
177	5	2.09E-04
178	5	2.25E-04
179	5	2.43E-04
180	5	2.66E-04
181	5	2.97E-04
182	5	3.34E-04
183	5	4.08E-04
184	5	3.80E-04
185	5	8.43E-05
186	5	9.07E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	9.64E-05
188	5	1.79E-04
189	5	2.00E-04
190	5	2.21E-04
191	5	2.43E-04
192	5	2.67E-04
193	5	2.90E-04
194	5	3.18E-04
195	5	3.55E-04
196	5	4.03E-04
197	5	4.59E-04
198	5	1.00E-04
199	5	1.09E-04
200	5	1.11E-04
201	5	1.23E-04
202	5	1.34E-04
203	5	1.37E-04
204	5	1.54E-04
205	5	1.73E-04
206	5	1.75E-04
207	5	2.00E-04
208	5	2.31E-04
209	5	1.97E-04
210	5	2.31E-04
211	5	2.71E-04
212	5	2.63E-04
213	5	3.20E-04
214	5	3.90E-04
215	5	2.99E-04
216	5	3.70E-04
217	5	4.62E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	5.48E-04
219	5	7.37E-04
220	5	6.37E-04
221	5	8.59E-04
222	5	7.00E-04
223	5	9.32E-04
224	5	1.30E-03
225	5	9.17E-04
226	5	1.20E-03
227	5	1.32E-04
228	5	1.15E-04
229	5	1.02E-04
230	5	9.11E-05
231	5	1.19E-04
232	5	1.05E-04
233	5	9.38E-05
234	5	8.41E-05
235	5	1.08E-04
236	5	9.60E-05
237	5	8.62E-05
238	5	7.79E-05
239	5	1.37E-03
240	5	1.13E-03
241	5	9.47E-04
242	5	8.00E-04
243	5	1.12E-03
244	5	9.49E-04
245	5	8.08E-04
246	5	6.94E-04
247	5	9.33E-04
248	5	8.03E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	6.95E-04
250	5	6.05E-04
251	5	3.06E-04
252	5	2.79E-04
253	5	3.62E-04
254	5	3.31E-04
255	5	2.78E-04
256	5	2.55E-04
257	5	2.00E-04
258	5	3.23E-04
259	5	2.97E-04
260	5	2.74E-04
261	5	2.53E-04
262	5	2.33E-04
263	5	1.85E-04
264	5	2.68E-04
265	5	2.49E-04
266	5	2.30E-04
267	5	2.14E-04
268	5	1.72E-04
269	5	2.64E-04
270	5	2.22E-04
271	5	1.89E-04
272	5	1.63E-04
273	5	1.41E-04
274	5	1.24E-04
275	5	1.10E-04
276	5	2.40E-04
277	5	2.02E-04
278	5	1.72E-04
279	5	1.48E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	1.29E-04
281	5	1.14E-04
282	5	1.01E-04
283	5	2.14E-04
284	5	1.81E-04
285	5	1.55E-04
286	5	1.34E-04
287	5	1.18E-04
288	5	1.04E-04
289	5	9.27E-05
290	5	1.89E-04
291	5	1.61E-04
292	5	1.39E-04
293	5	1.22E-04
294	5	1.07E-04
295	5	9.52E-05
296	5	8.53E-05
297	5	1.68E-04
298	5	1.44E-04
299	5	1.25E-04
300	5	1.10E-04
301	5	9.78E-05
302	5	8.74E-05
303	5	7.87E-05
304	5	1.49E-04
305	5	1.30E-04
306	5	1.14E-04
307	5	1.00E-04
308	5	8.96E-05
309	5	8.05E-05
310	5	7.29E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	1.34E-04
312	5	1.17E-04
313	5	1.03E-04
314	5	9.21E-05
315	5	8.26E-05
316	5	7.46E-05
317	5	6.78E-05

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Parcel 3-H: Unmitigated - Parcel 3 - Architectural Coating Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05211	8.92E-04	4.6E-05	1.05E-03	4.86E-08	8.61E-04	4.18E-11	1.0E+06	4.2E-05
2	0.05455	8.92E-04	4.9E-05	1.05E-03	5.09E-08	8.61E-04	4.38E-11	1.0E+06	4.4E-05
3	0.05534	8.92E-04	4.9E-05	1.05E-03	5.16E-08	8.61E-04	4.44E-11	1.0E+06	4.4E-05
4	0.07438	8.92E-04	6.6E-05	1.05E-03	6.94E-08	8.61E-04	5.97E-11	1.0E+06	6.0E-05
5	0.07736	8.92E-04	6.9E-05	1.05E-03	7.21E-08	8.61E-04	6.21E-11	1.0E+06	6.2E-05
6	0.08022	8.92E-04	7.2E-05	1.05E-03	7.48E-08	8.61E-04	6.44E-11	1.0E+06	6.4E-05
7	0.08291	8.92E-04	7.4E-05	1.05E-03	7.73E-08	8.61E-04	6.66E-11	1.0E+06	6.7E-05
8	0.08549	8.92E-04	7.6E-05	1.05E-03	7.97E-08	8.61E-04	6.86E-11	1.0E+06	6.9E-05
9	0.08803	8.92E-04	7.9E-05	1.05E-03	8.21E-08	8.61E-04	7.07E-11	1.0E+06	7.1E-05
10	0.09065	8.92E-04	8.1E-05	1.05E-03	8.45E-08	8.61E-04	7.28E-11	1.0E+06	7.3E-05
11	0.09352	8.92E-04	8.3E-05	1.05E-03	8.72E-08	8.61E-04	7.51E-11	1.0E+06	7.5E-05
12	0.0969	8.92E-04	8.6E-05	1.05E-03	9.03E-08	8.61E-04	7.78E-11	1.0E+06	7.8E-05
13	0.10114	8.92E-04	9.0E-05	1.05E-03	9.43E-08	8.61E-04	8.12E-11	1.0E+06	8.1E-05
14	0.10615	8.92E-04	9.5E-05	1.05E-03	9.90E-08	8.61E-04	8.52E-11	1.0E+06	8.5E-05
15	0.11213	8.92E-04	1.0E-04	1.05E-03	1.05E-07	8.61E-04	9.00E-11	1.0E+06	9.0E-05
16	0.11928	8.92E-04	1.1E-04	1.05E-03	1.11E-07	8.61E-04	9.58E-11	1.0E+06	9.6E-05
17	0.12732	8.92E-04	1.1E-04	1.05E-03	1.19E-07	8.61E-04	1.02E-10	1.0E+06	1.0E-04
18	0.13581	8.92E-04	1.2E-04	1.05E-03	1.27E-07	8.61E-04	1.09E-10	1.0E+06	1.1E-04
19	0.1445	8.92E-04	1.3E-04	1.05E-03	1.35E-07	8.61E-04	1.16E-10	1.0E+06	1.2E-04
20	0.15292	8.92E-04	1.4E-04	1.05E-03	1.43E-07	8.61E-04	1.23E-10	1.0E+06	1.2E-04
21	0.16057	8.92E-04	1.4E-04	1.05E-03	1.50E-07	8.61E-04	1.29E-10	1.0E+06	1.3E-04
22	0.16699	8.92E-04	1.5E-04	1.05E-03	1.56E-07	8.61E-04	1.34E-10	1.0E+06	1.3E-04
23	0.17183	8.92E-04	1.5E-04	1.05E-03	1.60E-07	8.61E-04	1.38E-10	1.0E+06	1.4E-04
24	0.17484	8.92E-04	1.6E-04	1.05E-03	1.63E-07	8.61E-04	1.40E-10	1.0E+06	1.4E-04
25	0.17591	8.92E-04	1.6E-04	1.05E-03	1.64E-07	8.61E-04	1.41E-10	1.0E+06	1.4E-04
26	0.05607	8.92E-04	5.0E-05	1.05E-03	5.23E-08	8.61E-04	4.50E-11	1.0E+06	4.5E-05
27	0.05881	8.92E-04	5.2E-05	1.05E-03	5.48E-08	8.61E-04	4.72E-11	1.0E+06	4.7E-05
28	0.05975	8.92E-04	5.3E-05	1.05E-03	5.57E-08	8.61E-04	4.80E-11	1.0E+06	4.8E-05
29	0.08247	8.92E-04	7.4E-05	1.05E-03	7.69E-08	8.61E-04	6.62E-11	1.0E+06	6.6E-05
30	0.08619	8.92E-04	7.7E-05	1.05E-03	8.04E-08	8.61E-04	6.92E-11	1.0E+06	6.9E-05
31	0.08977	8.92E-04	8.0E-05	1.05E-03	8.37E-08	8.61E-04	7.21E-11	1.0E+06	7.2E-05

<b>Max</b>	<b>Receptor #</b>
0.00132	239

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.09317	8.92E-04	8.3E-05	1.05E-03	8.69E-08	8.61E-04	7.48E-11	1.0E+06	7.5E-05
33	0.0964	8.92E-04	8.6E-05	1.05E-03	8.99E-08	8.61E-04	7.74E-11	1.0E+06	7.7E-05
34	0.09956	8.92E-04	8.9E-05	1.05E-03	9.28E-08	8.61E-04	7.99E-11	1.0E+06	8.0E-05
35	0.10284	8.92E-04	9.2E-05	1.05E-03	9.59E-08	8.61E-04	8.26E-11	1.0E+06	8.3E-05
36	0.10644	8.92E-04	9.5E-05	1.05E-03	9.92E-08	8.61E-04	8.55E-11	1.0E+06	8.5E-05
37	0.11092	8.92E-04	9.9E-05	1.05E-03	1.03E-07	8.61E-04	8.91E-11	1.0E+06	8.9E-05
38	0.11639	8.92E-04	1.0E-04	1.05E-03	1.09E-07	8.61E-04	9.34E-11	1.0E+06	9.3E-05
39	0.12276	8.92E-04	1.1E-04	1.05E-03	1.14E-07	8.61E-04	9.86E-11	1.0E+06	9.9E-05
40	0.13057	8.92E-04	1.2E-04	1.05E-03	1.22E-07	8.61E-04	1.05E-10	1.0E+06	1.0E-04
41	0.13988	8.92E-04	1.2E-04	1.05E-03	1.30E-07	8.61E-04	1.12E-10	1.0E+06	1.1E-04
42	0.15003	8.92E-04	1.3E-04	1.05E-03	1.40E-07	8.61E-04	1.20E-10	1.0E+06	1.2E-04
43	0.16062	8.92E-04	1.4E-04	1.05E-03	1.50E-07	8.61E-04	1.29E-10	1.0E+06	1.3E-04
44	0.17108	8.92E-04	1.5E-04	1.05E-03	1.60E-07	8.61E-04	1.37E-10	1.0E+06	1.4E-04
45	0.18073	8.92E-04	1.6E-04	1.05E-03	1.69E-07	8.61E-04	1.45E-10	1.0E+06	1.5E-04
46	0.18891	8.92E-04	1.7E-04	1.05E-03	1.76E-07	8.61E-04	1.52E-10	1.0E+06	1.5E-04
47	0.19508	8.92E-04	1.7E-04	1.05E-03	1.82E-07	8.61E-04	1.57E-10	1.0E+06	1.6E-04
48	0.19889	8.92E-04	1.8E-04	1.05E-03	1.85E-07	8.61E-04	1.60E-10	1.0E+06	1.6E-04
49	0.20017	8.92E-04	1.8E-04	1.05E-03	1.87E-07	8.61E-04	1.61E-10	1.0E+06	1.6E-04
50	0.19899	8.92E-04	1.8E-04	1.05E-03	1.86E-07	8.61E-04	1.60E-10	1.0E+06	1.6E-04
51	0.06054	8.92E-04	5.4E-05	1.05E-03	5.64E-08	8.61E-04	4.86E-11	1.0E+06	4.9E-05
52	0.06367	8.92E-04	5.7E-05	1.05E-03	5.94E-08	8.61E-04	5.11E-11	1.0E+06	5.1E-05
53	0.06484	8.92E-04	5.8E-05	1.05E-03	6.05E-08	8.61E-04	5.21E-11	1.0E+06	5.2E-05
54	0.09201	8.92E-04	8.2E-05	1.05E-03	8.58E-08	8.61E-04	7.39E-11	1.0E+06	7.4E-05
55	0.09669	8.92E-04	8.6E-05	1.05E-03	9.02E-08	8.61E-04	7.76E-11	1.0E+06	7.8E-05
56	0.10122	8.92E-04	9.0E-05	1.05E-03	9.44E-08	8.61E-04	8.13E-11	1.0E+06	8.1E-05
57	0.10556	8.92E-04	9.4E-05	1.05E-03	9.84E-08	8.61E-04	8.47E-11	1.0E+06	8.5E-05
58	0.10969	8.92E-04	9.8E-05	1.05E-03	1.02E-07	8.61E-04	8.81E-11	1.0E+06	8.8E-05
59	0.11375	8.92E-04	1.0E-04	1.05E-03	1.06E-07	8.61E-04	9.13E-11	1.0E+06	9.1E-05
60	0.11793	8.92E-04	1.1E-04	1.05E-03	1.10E-07	8.61E-04	9.47E-11	1.0E+06	9.5E-05
61	0.12253	8.92E-04	1.1E-04	1.05E-03	1.14E-07	8.61E-04	9.84E-11	1.0E+06	9.8E-05
62	0.12846	8.92E-04	1.1E-04	1.05E-03	1.20E-07	8.61E-04	1.03E-10	1.0E+06	1.0E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.13548	8.92E-04	1.2E-04	1.05E-03	1.26E-07	8.61E-04	1.09E-10	1.0E+06	1.1E-04
64	0.14397	8.92E-04	1.3E-04	1.05E-03	1.34E-07	8.61E-04	1.16E-10	1.0E+06	1.2E-04
65	0.15435	8.92E-04	1.4E-04	1.05E-03	1.44E-07	8.61E-04	1.24E-10	1.0E+06	1.2E-04
66	0.16656	8.92E-04	1.5E-04	1.05E-03	1.55E-07	8.61E-04	1.34E-10	1.0E+06	1.3E-04
67	0.17951	8.92E-04	1.6E-04	1.05E-03	1.67E-07	8.61E-04	1.44E-10	1.0E+06	1.4E-04
68	0.19265	8.92E-04	1.7E-04	1.05E-03	1.80E-07	8.61E-04	1.55E-10	1.0E+06	1.5E-04
69	0.20499	8.92E-04	1.8E-04	1.05E-03	1.91E-07	8.61E-04	1.65E-10	1.0E+06	1.6E-04
70	0.21559	8.92E-04	1.9E-04	1.05E-03	2.01E-07	8.61E-04	1.73E-10	1.0E+06	1.7E-04
71	0.22363	8.92E-04	2.0E-04	1.05E-03	2.09E-07	8.61E-04	1.80E-10	1.0E+06	1.8E-04
72	0.22855	8.92E-04	2.0E-04	1.05E-03	2.13E-07	8.61E-04	1.83E-10	1.0E+06	1.8E-04
73	0.23013	8.92E-04	2.1E-04	1.05E-03	2.15E-07	8.61E-04	1.85E-10	1.0E+06	1.8E-04
74	0.22845	8.92E-04	2.0E-04	1.05E-03	2.13E-07	8.61E-04	1.83E-10	1.0E+06	1.8E-04
75	0.22382	8.92E-04	2.0E-04	1.05E-03	2.09E-07	8.61E-04	1.80E-10	1.0E+06	1.8E-04
76	0.06559	8.92E-04	5.9E-05	1.05E-03	6.12E-08	8.61E-04	5.27E-11	1.0E+06	5.3E-05
77	0.0692	8.92E-04	6.2E-05	1.05E-03	6.45E-08	8.61E-04	5.56E-11	1.0E+06	5.6E-05
78	0.07078	8.92E-04	6.3E-05	1.05E-03	6.60E-08	8.61E-04	5.68E-11	1.0E+06	5.7E-05
79	0.10333	8.92E-04	9.2E-05	1.05E-03	9.63E-08	8.61E-04	8.30E-11	1.0E+06	8.3E-05
80	0.10931	8.92E-04	9.8E-05	1.05E-03	1.02E-07	8.61E-04	8.78E-11	1.0E+06	8.8E-05
81	0.11513	8.92E-04	1.0E-04	1.05E-03	1.07E-07	8.61E-04	9.24E-11	1.0E+06	9.2E-05
82	0.12073	8.92E-04	1.1E-04	1.05E-03	1.13E-07	8.61E-04	9.69E-11	1.0E+06	9.7E-05
83	0.12613	8.92E-04	1.1E-04	1.05E-03	1.18E-07	8.61E-04	1.01E-10	1.0E+06	1.0E-04
84	0.13143	8.92E-04	1.2E-04	1.05E-03	1.23E-07	8.61E-04	1.06E-10	1.0E+06	1.1E-04
85	0.13688	8.92E-04	1.2E-04	1.05E-03	1.28E-07	8.61E-04	1.10E-10	1.0E+06	1.1E-04
86	0.14343	8.92E-04	1.3E-04	1.05E-03	1.34E-07	8.61E-04	1.15E-10	1.0E+06	1.2E-04
87	0.15101	8.92E-04	1.3E-04	1.05E-03	1.41E-07	8.61E-04	1.21E-10	1.0E+06	1.2E-04
88	0.16013	8.92E-04	1.4E-04	1.05E-03	1.49E-07	8.61E-04	1.29E-10	1.0E+06	1.3E-04
89	0.17168	8.92E-04	1.5E-04	1.05E-03	1.60E-07	8.61E-04	1.38E-10	1.0E+06	1.4E-04
90	0.18579	8.92E-04	1.7E-04	1.05E-03	1.73E-07	8.61E-04	1.49E-10	1.0E+06	1.5E-04
91	0.20183	8.92E-04	1.8E-04	1.05E-03	1.88E-07	8.61E-04	1.62E-10	1.0E+06	1.6E-04
92	0.21843	8.92E-04	1.9E-04	1.05E-03	2.04E-07	8.61E-04	1.75E-10	1.0E+06	1.8E-04
93	0.23446	8.92E-04	2.1E-04	1.05E-03	2.19E-07	8.61E-04	1.88E-10	1.0E+06	1.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
94	0.24846	8.92E-04	2.2E-04	1.05E-03	2.32E-07	8.61E-04	1.99E-10	1.0E+06	2.0E-04
95	0.25917	8.92E-04	2.3E-04	1.05E-03	2.42E-07	8.61E-04	2.08E-10	1.0E+06	2.1E-04
96	0.26571	8.92E-04	2.4E-04	1.05E-03	2.48E-07	8.61E-04	2.13E-10	1.0E+06	2.1E-04
97	0.26772	8.92E-04	2.4E-04	1.05E-03	2.50E-07	8.61E-04	2.15E-10	1.0E+06	2.1E-04
98	0.2653	8.92E-04	2.4E-04	1.05E-03	2.47E-07	8.61E-04	2.13E-10	1.0E+06	2.1E-04
99	0.25897	8.92E-04	2.3E-04	1.05E-03	2.41E-07	8.61E-04	2.08E-10	1.0E+06	2.1E-04
100	0.24943	8.92E-04	2.2E-04	1.05E-03	2.33E-07	8.61E-04	2.00E-10	1.0E+06	2.0E-04
101	0.07127	8.92E-04	6.4E-05	1.05E-03	6.65E-08	8.61E-04	5.72E-11	1.0E+06	5.7E-05
102	0.07551	8.92E-04	6.7E-05	1.05E-03	7.04E-08	8.61E-04	6.06E-11	1.0E+06	6.1E-05
103	0.07769	8.92E-04	6.9E-05	1.05E-03	7.24E-08	8.61E-04	6.24E-11	1.0E+06	6.2E-05
104	0.1169	8.92E-04	1.0E-04	1.05E-03	1.09E-07	8.61E-04	9.39E-11	1.0E+06	9.4E-05
105	0.12463	8.92E-04	1.1E-04	1.05E-03	1.16E-07	8.61E-04	1.00E-10	1.0E+06	1.0E-04
106	0.13226	8.92E-04	1.2E-04	1.05E-03	1.23E-07	8.61E-04	1.06E-10	1.0E+06	1.1E-04
107	0.13967	8.92E-04	1.2E-04	1.05E-03	1.30E-07	8.61E-04	1.12E-10	1.0E+06	1.1E-04
108	0.14684	8.92E-04	1.3E-04	1.05E-03	1.37E-07	8.61E-04	1.18E-10	1.0E+06	1.2E-04
109	0.15387	8.92E-04	1.4E-04	1.05E-03	1.43E-07	8.61E-04	1.24E-10	1.0E+06	1.2E-04
110	0.16127	8.92E-04	1.4E-04	1.05E-03	1.50E-07	8.61E-04	1.29E-10	1.0E+06	1.3E-04
111	0.17027	8.92E-04	1.5E-04	1.05E-03	1.59E-07	8.61E-04	1.37E-10	1.0E+06	1.4E-04
112	0.1801	8.92E-04	1.6E-04	1.05E-03	1.68E-07	8.61E-04	1.45E-10	1.0E+06	1.4E-04
113	0.19275	8.92E-04	1.7E-04	1.05E-03	1.80E-07	8.61E-04	1.55E-10	1.0E+06	1.5E-04
114	0.20888	8.92E-04	1.9E-04	1.05E-03	1.95E-07	8.61E-04	1.68E-10	1.0E+06	1.7E-04
115	0.22825	8.92E-04	2.0E-04	1.05E-03	2.13E-07	8.61E-04	1.83E-10	1.0E+06	1.8E-04
116	0.24951	8.92E-04	2.2E-04	1.05E-03	2.33E-07	8.61E-04	2.00E-10	1.0E+06	2.0E-04
117	0.2706	8.92E-04	2.4E-04	1.05E-03	2.52E-07	8.61E-04	2.17E-10	1.0E+06	2.2E-04
118	0.28948	8.92E-04	2.6E-04	1.05E-03	2.70E-07	8.61E-04	2.32E-10	1.0E+06	2.3E-04
119	0.30412	8.92E-04	2.7E-04	1.05E-03	2.84E-07	8.61E-04	2.44E-10	1.0E+06	2.4E-04
120	0.31308	8.92E-04	2.8E-04	1.05E-03	2.92E-07	8.61E-04	2.51E-10	1.0E+06	2.5E-04
121	0.31574	8.92E-04	2.8E-04	1.05E-03	2.94E-07	8.61E-04	2.53E-10	1.0E+06	2.5E-04
122	0.31226	8.92E-04	2.8E-04	1.05E-03	2.91E-07	8.61E-04	2.51E-10	1.0E+06	2.5E-04
123	0.30343	8.92E-04	2.7E-04	1.05E-03	2.83E-07	8.61E-04	2.44E-10	1.0E+06	2.4E-04
124	0.29038	8.92E-04	2.6E-04	1.05E-03	2.71E-07	8.61E-04	2.33E-10	1.0E+06	2.3E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
125	0.07762	8.92E-04	6.9E-05	1.05E-03	7.24E-08	8.61E-04	6.23E-11	1.0E+06	6.2E-05
126	0.08263	8.92E-04	7.4E-05	1.05E-03	7.70E-08	8.61E-04	6.63E-11	1.0E+06	6.6E-05
127	0.08561	8.92E-04	7.6E-05	1.05E-03	7.98E-08	8.61E-04	6.87E-11	1.0E+06	6.9E-05
128	0.14348	8.92E-04	1.3E-04	1.05E-03	1.34E-07	8.61E-04	1.15E-10	1.0E+06	1.2E-04
129	0.15366	8.92E-04	1.4E-04	1.05E-03	1.43E-07	8.61E-04	1.23E-10	1.0E+06	1.2E-04
130	0.16369	8.92E-04	1.5E-04	1.05E-03	1.53E-07	8.61E-04	1.31E-10	1.0E+06	1.3E-04
131	0.17341	8.92E-04	1.5E-04	1.05E-03	1.62E-07	8.61E-04	1.39E-10	1.0E+06	1.4E-04
132	0.18295	8.92E-04	1.6E-04	1.05E-03	1.71E-07	8.61E-04	1.47E-10	1.0E+06	1.5E-04
133	0.1935	8.92E-04	1.7E-04	1.05E-03	1.80E-07	8.61E-04	1.55E-10	1.0E+06	1.6E-04
134	0.20524	8.92E-04	1.8E-04	1.05E-03	1.91E-07	8.61E-04	1.65E-10	1.0E+06	1.6E-04
135	0.21906	8.92E-04	2.0E-04	1.05E-03	2.04E-07	8.61E-04	1.76E-10	1.0E+06	1.8E-04
136	0.23719	8.92E-04	2.1E-04	1.05E-03	2.21E-07	8.61E-04	1.90E-10	1.0E+06	1.9E-04
137	0.26025	8.92E-04	2.3E-04	1.05E-03	2.43E-07	8.61E-04	2.09E-10	1.0E+06	2.1E-04
138	0.28728	8.92E-04	2.6E-04	1.05E-03	2.68E-07	8.61E-04	2.31E-10	1.0E+06	2.3E-04
139	0.31537	8.92E-04	2.8E-04	1.05E-03	2.94E-07	8.61E-04	2.53E-10	1.0E+06	2.5E-04
140	0.3414	8.92E-04	3.0E-04	1.05E-03	3.18E-07	8.61E-04	2.74E-10	1.0E+06	2.7E-04
141	0.36201	8.92E-04	3.2E-04	1.05E-03	3.38E-07	8.61E-04	2.91E-10	1.0E+06	2.9E-04
142	0.37471	8.92E-04	3.3E-04	1.05E-03	3.49E-07	8.61E-04	3.01E-10	1.0E+06	3.0E-04
143	0.3784	8.92E-04	3.4E-04	1.05E-03	3.53E-07	8.61E-04	3.04E-10	1.0E+06	3.0E-04
144	0.37332	8.92E-04	3.3E-04	1.05E-03	3.48E-07	8.61E-04	3.00E-10	1.0E+06	3.0E-04
145	0.36075	8.92E-04	3.2E-04	1.05E-03	3.36E-07	8.61E-04	2.90E-10	1.0E+06	2.9E-04
146	0.34252	8.92E-04	3.1E-04	1.05E-03	3.19E-07	8.61E-04	2.75E-10	1.0E+06	2.7E-04
147	0.08466	8.92E-04	7.6E-05	1.05E-03	7.89E-08	8.61E-04	6.80E-11	1.0E+06	6.8E-05
148	0.09067	8.92E-04	8.1E-05	1.05E-03	8.45E-08	8.61E-04	7.28E-11	1.0E+06	7.3E-05
149	0.09491	8.92E-04	8.5E-05	1.05E-03	8.85E-08	8.61E-04	7.62E-11	1.0E+06	7.6E-05
150	0.16695	8.92E-04	1.5E-04	1.05E-03	1.56E-07	8.61E-04	1.34E-10	1.0E+06	1.3E-04
151	0.1808	8.92E-04	1.6E-04	1.05E-03	1.69E-07	8.61E-04	1.45E-10	1.0E+06	1.5E-04
152	0.19467	8.92E-04	1.7E-04	1.05E-03	1.82E-07	8.61E-04	1.56E-10	1.0E+06	1.6E-04
153	0.20825	8.92E-04	1.9E-04	1.05E-03	1.94E-07	8.61E-04	1.67E-10	1.0E+06	1.7E-04
154	0.22159	8.92E-04	2.0E-04	1.05E-03	2.07E-07	8.61E-04	1.78E-10	1.0E+06	1.8E-04
155	0.2371	8.92E-04	2.1E-04	1.05E-03	2.21E-07	8.61E-04	1.90E-10	1.0E+06	1.9E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.25281	8.92E-04	2.3E-04	1.05E-03	2.36E-07	8.61E-04	2.03E-10	1.0E+06	2.0E-04
157	0.27295	8.92E-04	2.4E-04	1.05E-03	2.54E-07	8.61E-04	2.19E-10	1.0E+06	2.2E-04
158	0.29987	8.92E-04	2.7E-04	1.05E-03	2.80E-07	8.61E-04	2.41E-10	1.0E+06	2.4E-04
159	0.3337	8.92E-04	3.0E-04	1.05E-03	3.11E-07	8.61E-04	2.68E-10	1.0E+06	2.7E-04
160	0.37142	8.92E-04	3.3E-04	1.05E-03	3.46E-07	8.61E-04	2.98E-10	1.0E+06	3.0E-04
161	0.40784	8.92E-04	3.6E-04	1.05E-03	3.80E-07	8.61E-04	3.27E-10	1.0E+06	3.3E-04
162	0.43792	8.92E-04	3.9E-04	1.05E-03	4.08E-07	8.61E-04	3.52E-10	1.0E+06	3.5E-04
163	0.45677	8.92E-04	4.1E-04	1.05E-03	4.26E-07	8.61E-04	3.67E-10	1.0E+06	3.7E-04
164	0.46225	8.92E-04	4.1E-04	1.05E-03	4.31E-07	8.61E-04	3.71E-10	1.0E+06	3.7E-04
165	0.45468	8.92E-04	4.1E-04	1.05E-03	4.24E-07	8.61E-04	3.65E-10	1.0E+06	3.7E-04
166	0.43631	8.92E-04	3.9E-04	1.05E-03	4.07E-07	8.61E-04	3.50E-10	1.0E+06	3.5E-04
167	0.41021	8.92E-04	3.7E-04	1.05E-03	3.82E-07	8.61E-04	3.29E-10	1.0E+06	3.3E-04
168	0.37948	8.92E-04	3.4E-04	1.05E-03	3.54E-07	8.61E-04	3.05E-10	1.0E+06	3.0E-04
169	0.09238	8.92E-04	8.2E-05	1.05E-03	8.61E-08	8.61E-04	7.42E-11	1.0E+06	7.4E-05
170	0.09961	8.92E-04	8.9E-05	1.05E-03	9.29E-08	8.61E-04	8.00E-11	1.0E+06	8.0E-05
171	0.10571	8.92E-04	9.4E-05	1.05E-03	9.86E-08	8.61E-04	8.49E-11	1.0E+06	8.5E-05
172	0.11177	8.92E-04	1.0E-04	1.05E-03	1.04E-07	8.61E-04	8.97E-11	1.0E+06	9.0E-05
173	0.19661	8.92E-04	1.8E-04	1.05E-03	1.83E-07	8.61E-04	1.58E-10	1.0E+06	1.6E-04
174	0.21591	8.92E-04	1.9E-04	1.05E-03	2.01E-07	8.61E-04	1.73E-10	1.0E+06	1.7E-04
175	0.23568	8.92E-04	2.1E-04	1.05E-03	2.20E-07	8.61E-04	1.89E-10	1.0E+06	1.9E-04
176	0.2552	8.92E-04	2.3E-04	1.05E-03	2.38E-07	8.61E-04	2.05E-10	1.0E+06	2.0E-04
177	0.27515	8.92E-04	2.5E-04	1.05E-03	2.57E-07	8.61E-04	2.21E-10	1.0E+06	2.2E-04
178	0.29679	8.92E-04	2.6E-04	1.05E-03	2.77E-07	8.61E-04	2.38E-10	1.0E+06	2.4E-04
179	0.31987	8.92E-04	2.9E-04	1.05E-03	2.98E-07	8.61E-04	2.57E-10	1.0E+06	2.6E-04
180	0.35062	8.92E-04	3.1E-04	1.05E-03	3.27E-07	8.61E-04	2.81E-10	1.0E+06	2.8E-04
181	0.39197	8.92E-04	3.5E-04	1.05E-03	3.65E-07	8.61E-04	3.15E-10	1.0E+06	3.1E-04
182	0.44246	8.92E-04	3.9E-04	1.05E-03	4.13E-07	8.61E-04	3.55E-10	1.0E+06	3.6E-04
183	0.53861	8.92E-04	4.8E-04	1.05E-03	5.02E-07	8.61E-04	4.32E-10	1.0E+06	4.3E-04
184	0.50008	8.92E-04	4.5E-04	1.05E-03	4.66E-07	8.61E-04	4.01E-10	1.0E+06	4.0E-04
185	0.10946	8.92E-04	9.8E-05	1.05E-03	1.02E-07	8.61E-04	8.79E-11	1.0E+06	8.8E-05
186	0.11779	8.92E-04	1.1E-04	1.05E-03	1.10E-07	8.61E-04	9.46E-11	1.0E+06	9.5E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
187	0.12532	8.92E-04	1.1E-04	1.05E-03	1.17E-07	8.61E-04	1.01E-10	1.0E+06	1.0E-04
188	0.23458	8.92E-04	2.1E-04	1.05E-03	2.19E-07	8.61E-04	1.88E-10	1.0E+06	1.9E-04
189	0.26209	8.92E-04	2.3E-04	1.05E-03	2.44E-07	8.61E-04	2.10E-10	1.0E+06	2.1E-04
190	0.29117	8.92E-04	2.6E-04	1.05E-03	2.71E-07	8.61E-04	2.34E-10	1.0E+06	2.3E-04
191	0.32062	8.92E-04	2.9E-04	1.05E-03	2.99E-07	8.61E-04	2.57E-10	1.0E+06	2.6E-04
192	0.35221	8.92E-04	3.1E-04	1.05E-03	3.28E-07	8.61E-04	2.83E-10	1.0E+06	2.8E-04
193	0.38292	8.92E-04	3.4E-04	1.05E-03	3.57E-07	8.61E-04	3.07E-10	1.0E+06	3.1E-04
194	0.41872	8.92E-04	3.7E-04	1.05E-03	3.90E-07	8.61E-04	3.36E-10	1.0E+06	3.4E-04
195	0.46781	8.92E-04	4.2E-04	1.05E-03	4.36E-07	8.61E-04	3.76E-10	1.0E+06	3.8E-04
196	0.53392	8.92E-04	4.8E-04	1.05E-03	4.98E-07	8.61E-04	4.29E-10	1.0E+06	4.3E-04
197	0.61052	8.92E-04	5.4E-04	1.05E-03	5.69E-07	8.61E-04	4.90E-10	1.0E+06	4.9E-04
198	0.13008	8.92E-04	1.2E-04	1.05E-03	1.21E-07	8.61E-04	1.04E-10	1.0E+06	1.0E-04
199	0.14149	8.92E-04	1.3E-04	1.05E-03	1.32E-07	8.61E-04	1.14E-10	1.0E+06	1.1E-04
200	0.14409	8.92E-04	1.3E-04	1.05E-03	1.34E-07	8.61E-04	1.16E-10	1.0E+06	1.2E-04
201	0.15936	8.92E-04	1.4E-04	1.05E-03	1.49E-07	8.61E-04	1.28E-10	1.0E+06	1.3E-04
202	0.17408	8.92E-04	1.6E-04	1.05E-03	1.62E-07	8.61E-04	1.40E-10	1.0E+06	1.4E-04
203	0.17793	8.92E-04	1.6E-04	1.05E-03	1.66E-07	8.61E-04	1.43E-10	1.0E+06	1.4E-04
204	0.20032	8.92E-04	1.8E-04	1.05E-03	1.87E-07	8.61E-04	1.61E-10	1.0E+06	1.6E-04
205	0.22452	8.92E-04	2.0E-04	1.05E-03	2.09E-07	8.61E-04	1.80E-10	1.0E+06	1.8E-04
206	0.22677	8.92E-04	2.0E-04	1.05E-03	2.11E-07	8.61E-04	1.82E-10	1.0E+06	1.8E-04
207	0.25976	8.92E-04	2.3E-04	1.05E-03	2.42E-07	8.61E-04	2.09E-10	1.0E+06	2.1E-04
208	0.30042	8.92E-04	2.7E-04	1.05E-03	2.80E-07	8.61E-04	2.41E-10	1.0E+06	2.4E-04
209	0.25419	8.92E-04	2.3E-04	1.05E-03	2.37E-07	8.61E-04	2.04E-10	1.0E+06	2.0E-04
210	0.29925	8.92E-04	2.7E-04	1.05E-03	2.79E-07	8.61E-04	2.40E-10	1.0E+06	2.4E-04
211	0.35176	8.92E-04	3.1E-04	1.05E-03	3.28E-07	8.61E-04	2.82E-10	1.0E+06	2.8E-04
212	0.33964	8.92E-04	3.0E-04	1.05E-03	3.17E-07	8.61E-04	2.73E-10	1.0E+06	2.7E-04
213	0.41335	8.92E-04	3.7E-04	1.05E-03	3.85E-07	8.61E-04	3.32E-10	1.0E+06	3.3E-04
214	0.50336	8.92E-04	4.5E-04	1.05E-03	4.69E-07	8.61E-04	4.04E-10	1.0E+06	4.0E-04
215	0.38488	8.92E-04	3.4E-04	1.05E-03	3.59E-07	8.61E-04	3.09E-10	1.0E+06	3.1E-04
216	0.47696	8.92E-04	4.3E-04	1.05E-03	4.45E-07	8.61E-04	3.83E-10	1.0E+06	3.8E-04
217	0.59498	8.92E-04	5.3E-04	1.05E-03	5.55E-07	8.61E-04	4.78E-10	1.0E+06	4.8E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
218	0.70285	8.92E-04	6.3E-04	1.05E-03	6.55E-07	8.61E-04	5.64E-10	1.0E+06	5.6E-04
219	0.94301	8.92E-04	8.4E-04	1.05E-03	8.79E-07	8.61E-04	7.57E-10	1.0E+06	7.6E-04
220	0.81464	8.92E-04	7.3E-04	1.05E-03	7.60E-07	8.61E-04	6.54E-10	1.0E+06	6.5E-04
221	1.09378	8.92E-04	9.8E-04	1.05E-03	1.02E-06	8.61E-04	8.78E-10	1.0E+06	8.8E-04
222	0.88965	8.92E-04	7.9E-04	1.05E-03	8.30E-07	8.61E-04	7.14E-10	1.0E+06	7.1E-04
223	1.1769	8.92E-04	1.0E-03	1.05E-03	1.10E-06	8.61E-04	9.45E-10	1.0E+06	9.4E-04
224	1.62886	8.92E-04	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
225	1.14705	8.92E-04	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.21E-10	1.0E+06	9.2E-04
226	1.47911	8.92E-04	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
227	0.16718	8.92E-04	1.5E-04	1.05E-03	1.56E-07	8.61E-04	1.34E-10	1.0E+06	1.3E-04
228	0.14687	8.92E-04	1.3E-04	1.05E-03	1.37E-07	8.61E-04	1.18E-10	1.0E+06	1.2E-04
229	0.1301	8.92E-04	1.2E-04	1.05E-03	1.21E-07	8.61E-04	1.04E-10	1.0E+06	1.0E-04
230	0.1161	8.92E-04	1.0E-04	1.05E-03	1.08E-07	8.61E-04	9.32E-11	1.0E+06	9.3E-05
231	0.15108	8.92E-04	1.3E-04	1.05E-03	1.41E-07	8.61E-04	1.21E-10	1.0E+06	1.2E-04
232	0.13386	8.92E-04	1.2E-04	1.05E-03	1.25E-07	8.61E-04	1.07E-10	1.0E+06	1.1E-04
233	0.11945	8.92E-04	1.1E-04	1.05E-03	1.11E-07	8.61E-04	9.59E-11	1.0E+06	9.6E-05
234	0.10729	8.92E-04	9.6E-05	1.05E-03	1.00E-07	8.61E-04	8.61E-11	1.0E+06	8.6E-05
235	0.13687	8.92E-04	1.2E-04	1.05E-03	1.28E-07	8.61E-04	1.10E-10	1.0E+06	1.1E-04
236	0.12228	8.92E-04	1.1E-04	1.05E-03	1.14E-07	8.61E-04	9.82E-11	1.0E+06	9.8E-05
237	0.1099	8.92E-04	9.8E-05	1.05E-03	1.02E-07	8.61E-04	8.82E-11	1.0E+06	8.8E-05
238	0.09933	8.92E-04	8.9E-05	1.05E-03	9.26E-08	8.61E-04	7.97E-11	1.0E+06	8.0E-05
239	1.64371	8.92E-04	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
240	1.36926	8.92E-04	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
241	1.15305	8.92E-04	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.26E-10	1.0E+06	9.3E-04
242	0.98109	8.92E-04	8.8E-04	1.05E-03	9.15E-07	8.61E-04	7.88E-10	1.0E+06	7.9E-04
243	1.35698	8.92E-04	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
244	1.15446	8.92E-04	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.27E-10	1.0E+06	9.3E-04
245	0.98923	8.92E-04	8.8E-04	1.05E-03	9.22E-07	8.61E-04	7.94E-10	1.0E+06	7.9E-04
246	0.85395	8.92E-04	7.6E-04	1.05E-03	7.96E-07	8.61E-04	6.86E-10	1.0E+06	6.9E-04
247	1.13416	8.92E-04	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.11E-10	1.0E+06	9.1E-04
248	0.98243	8.92E-04	8.8E-04	1.05E-03	9.16E-07	8.61E-04	7.89E-10	1.0E+06	7.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
249	0.85475	8.92E-04	7.6E-04	1.05E-03	7.97E-07	8.61E-04	6.86E-10	1.0E+06	6.9E-04
250	0.74733	8.92E-04	6.7E-04	1.05E-03	6.97E-07	8.61E-04	6.00E-10	1.0E+06	6.0E-04
251	0.38303	8.92E-04	3.4E-04	1.05E-03	3.57E-07	8.61E-04	3.08E-10	1.0E+06	3.1E-04
252	0.35017	8.92E-04	3.1E-04	1.05E-03	3.26E-07	8.61E-04	2.81E-10	1.0E+06	2.8E-04
253	0.4505	8.92E-04	4.0E-04	1.05E-03	4.20E-07	8.61E-04	3.62E-10	1.0E+06	3.6E-04
254	0.41307	8.92E-04	3.7E-04	1.05E-03	3.85E-07	8.61E-04	3.32E-10	1.0E+06	3.3E-04
255	0.34796	8.92E-04	3.1E-04	1.05E-03	3.24E-07	8.61E-04	2.79E-10	1.0E+06	2.8E-04
256	0.31997	8.92E-04	2.9E-04	1.05E-03	2.98E-07	8.61E-04	2.57E-10	1.0E+06	2.6E-04
257	0.25186	8.92E-04	2.2E-04	1.05E-03	2.35E-07	8.61E-04	2.02E-10	1.0E+06	2.0E-04
258	0.40272	8.92E-04	3.6E-04	1.05E-03	3.75E-07	8.61E-04	3.23E-10	1.0E+06	3.2E-04
259	0.37178	8.92E-04	3.3E-04	1.05E-03	3.47E-07	8.61E-04	2.98E-10	1.0E+06	3.0E-04
260	0.34317	8.92E-04	3.1E-04	1.05E-03	3.20E-07	8.61E-04	2.76E-10	1.0E+06	2.8E-04
261	0.317	8.92E-04	2.8E-04	1.05E-03	2.96E-07	8.61E-04	2.55E-10	1.0E+06	2.5E-04
262	0.29312	8.92E-04	2.6E-04	1.05E-03	2.73E-07	8.61E-04	2.35E-10	1.0E+06	2.4E-04
263	0.23391	8.92E-04	2.1E-04	1.05E-03	2.18E-07	8.61E-04	1.88E-10	1.0E+06	1.9E-04
264	0.33586	8.92E-04	3.0E-04	1.05E-03	3.13E-07	8.61E-04	2.70E-10	1.0E+06	2.7E-04
265	0.31187	8.92E-04	2.8E-04	1.05E-03	2.91E-07	8.61E-04	2.50E-10	1.0E+06	2.5E-04
266	0.28965	8.92E-04	2.6E-04	1.05E-03	2.70E-07	8.61E-04	2.33E-10	1.0E+06	2.3E-04
267	0.26916	8.92E-04	2.4E-04	1.05E-03	2.51E-07	8.61E-04	2.16E-10	1.0E+06	2.2E-04
268	0.21763	8.92E-04	1.9E-04	1.05E-03	2.03E-07	8.61E-04	1.75E-10	1.0E+06	1.7E-04
269	0.33648	8.92E-04	3.0E-04	1.05E-03	3.14E-07	8.61E-04	2.70E-10	1.0E+06	2.7E-04
270	0.28291	8.92E-04	2.5E-04	1.05E-03	2.64E-07	8.61E-04	2.27E-10	1.0E+06	2.3E-04
271	0.24075	8.92E-04	2.1E-04	1.05E-03	2.24E-07	8.61E-04	1.93E-10	1.0E+06	1.9E-04
272	0.20713	8.92E-04	1.8E-04	1.05E-03	1.93E-07	8.61E-04	1.66E-10	1.0E+06	1.7E-04
273	0.18	8.92E-04	1.6E-04	1.05E-03	1.68E-07	8.61E-04	1.45E-10	1.0E+06	1.4E-04
274	0.1579	8.92E-04	1.4E-04	1.05E-03	1.47E-07	8.61E-04	1.27E-10	1.0E+06	1.3E-04
275	0.13967	8.92E-04	1.2E-04	1.05E-03	1.30E-07	8.61E-04	1.12E-10	1.0E+06	1.1E-04
276	0.30433	8.92E-04	2.7E-04	1.05E-03	2.84E-07	8.61E-04	2.44E-10	1.0E+06	2.4E-04
277	0.25623	8.92E-04	2.3E-04	1.05E-03	2.39E-07	8.61E-04	2.06E-10	1.0E+06	2.1E-04
278	0.21859	8.92E-04	1.9E-04	1.05E-03	2.04E-07	8.61E-04	1.75E-10	1.0E+06	1.8E-04
279	0.18863	8.92E-04	1.7E-04	1.05E-03	1.76E-07	8.61E-04	1.51E-10	1.0E+06	1.5E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
280	0.16451	8.92E-04	1.5E-04	1.05E-03	1.53E-07	8.61E-04	1.32E-10	1.0E+06	1.3E-04
281	0.14483	8.92E-04	1.3E-04	1.05E-03	1.35E-07	8.61E-04	1.16E-10	1.0E+06	1.2E-04
282	0.12857	8.92E-04	1.1E-04	1.05E-03	1.20E-07	8.61E-04	1.03E-10	1.0E+06	1.0E-04
283	0.27101	8.92E-04	2.4E-04	1.05E-03	2.53E-07	8.61E-04	2.18E-10	1.0E+06	2.2E-04
284	0.22945	8.92E-04	2.0E-04	1.05E-03	2.14E-07	8.61E-04	1.84E-10	1.0E+06	1.8E-04
285	0.19684	8.92E-04	1.8E-04	1.05E-03	1.84E-07	8.61E-04	1.58E-10	1.0E+06	1.6E-04
286	0.17081	8.92E-04	1.5E-04	1.05E-03	1.59E-07	8.61E-04	1.37E-10	1.0E+06	1.4E-04
287	0.14974	8.92E-04	1.3E-04	1.05E-03	1.40E-07	8.61E-04	1.20E-10	1.0E+06	1.2E-04
288	0.13247	8.92E-04	1.2E-04	1.05E-03	1.24E-07	8.61E-04	1.06E-10	1.0E+06	1.1E-04
289	0.11815	8.92E-04	1.1E-04	1.05E-03	1.10E-07	8.61E-04	9.49E-11	1.0E+06	9.5E-05
290	0.23973	8.92E-04	2.1E-04	1.05E-03	2.24E-07	8.61E-04	1.92E-10	1.0E+06	1.9E-04
291	0.20464	8.92E-04	1.8E-04	1.05E-03	1.91E-07	8.61E-04	1.64E-10	1.0E+06	1.6E-04
292	0.17685	8.92E-04	1.6E-04	1.05E-03	1.65E-07	8.61E-04	1.42E-10	1.0E+06	1.4E-04
293	0.1545	8.92E-04	1.4E-04	1.05E-03	1.44E-07	8.61E-04	1.24E-10	1.0E+06	1.2E-04
294	0.13627	8.92E-04	1.2E-04	1.05E-03	1.27E-07	8.61E-04	1.09E-10	1.0E+06	1.1E-04
295	0.12123	8.92E-04	1.1E-04	1.05E-03	1.13E-07	8.61E-04	9.73E-11	1.0E+06	9.7E-05
296	0.10867	8.92E-04	9.7E-05	1.05E-03	1.01E-07	8.61E-04	8.72E-11	1.0E+06	8.7E-05
297	0.21239	8.92E-04	1.9E-04	1.05E-03	1.98E-07	8.61E-04	1.71E-10	1.0E+06	1.7E-04
298	0.18292	8.92E-04	1.6E-04	1.05E-03	1.71E-07	8.61E-04	1.47E-10	1.0E+06	1.5E-04
299	0.15932	8.92E-04	1.4E-04	1.05E-03	1.49E-07	8.61E-04	1.28E-10	1.0E+06	1.3E-04
300	0.14017	8.92E-04	1.3E-04	1.05E-03	1.31E-07	8.61E-04	1.13E-10	1.0E+06	1.1E-04
301	0.12441	8.92E-04	1.1E-04	1.05E-03	1.16E-07	8.61E-04	9.99E-11	1.0E+06	1.0E-04
302	0.1113	8.92E-04	9.9E-05	1.05E-03	1.04E-07	8.61E-04	8.94E-11	1.0E+06	8.9E-05
303	0.10026	8.92E-04	8.9E-05	1.05E-03	9.35E-08	8.61E-04	8.05E-11	1.0E+06	8.0E-05
304	0.18932	8.92E-04	1.7E-04	1.05E-03	1.77E-07	8.61E-04	1.52E-10	1.0E+06	1.5E-04
305	0.16448	8.92E-04	1.5E-04	1.05E-03	1.53E-07	8.61E-04	1.32E-10	1.0E+06	1.3E-04
306	0.14436	8.92E-04	1.3E-04	1.05E-03	1.35E-07	8.61E-04	1.16E-10	1.0E+06	1.2E-04
307	0.12786	8.92E-04	1.1E-04	1.05E-03	1.19E-07	8.61E-04	1.03E-10	1.0E+06	1.0E-04
308	0.11416	8.92E-04	1.0E-04	1.05E-03	1.06E-07	8.61E-04	9.17E-11	1.0E+06	9.2E-05
309	0.10266	8.92E-04	9.2E-05	1.05E-03	9.57E-08	8.61E-04	8.24E-11	1.0E+06	8.2E-05
310	0.09292	8.92E-04	8.3E-05	1.05E-03	8.66E-08	8.61E-04	7.46E-11	1.0E+06	7.5E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.1702	8.92E-04	1.5E-04	1.05E-03	1.59E-07	8.61E-04	1.37E-10	1.0E+06	1.4E-04
312	0.14901	8.92E-04	1.3E-04	1.05E-03	1.39E-07	8.61E-04	1.20E-10	1.0E+06	1.2E-04
313	0.1317	8.92E-04	1.2E-04	1.05E-03	1.23E-07	8.61E-04	1.06E-10	1.0E+06	1.1E-04
314	0.11735	8.92E-04	1.0E-04	1.05E-03	1.09E-07	8.61E-04	9.42E-11	1.0E+06	9.4E-05
315	0.10534	8.92E-04	9.4E-05	1.05E-03	9.82E-08	8.61E-04	8.46E-11	1.0E+06	8.5E-05
316	0.09519	8.92E-04	8.5E-05	1.05E-03	8.88E-08	8.61E-04	7.64E-11	1.0E+06	7.6E-05
317	0.08653	8.92E-04	7.7E-05	1.05E-03	8.07E-08	8.61E-04	6.95E-11	1.0E+06	6.9E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 3 - Architectural Coating Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	9.30E-06
2	5	9.73E-06
3	5	9.87E-06
4	5	1.33E-05
5	5	1.38E-05
6	5	1.43E-05
7	5	1.48E-05
8	5	1.53E-05
9	5	1.57E-05
10	5	1.62E-05
11	5	1.67E-05
12	5	1.73E-05
13	5	1.80E-05
14	5	1.89E-05
15	5	2.00E-05
16	5	2.13E-05
17	5	2.27E-05
18	5	2.42E-05
19	5	2.58E-05
20	5	2.73E-05
21	5	2.86E-05
22	5	2.98E-05
23	5	3.07E-05
24	5	3.12E-05
25	5	3.14E-05
26	5	1.00E-05
27	5	1.05E-05
28	5	1.07E-05
29	5	1.47E-05
30	5	1.54E-05
31	5	1.60E-05

Max	Receptor #
0.00029	239

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
32	5	1.66E-05
33	5	1.72E-05
34	5	1.78E-05
35	5	1.83E-05
36	5	1.90E-05
37	5	1.98E-05
38	5	2.08E-05
39	5	2.19E-05
40	5	2.33E-05
41	5	2.50E-05
42	5	2.68E-05
43	5	2.87E-05
44	5	3.05E-05
45	5	3.22E-05
46	5	3.37E-05
47	5	3.48E-05
48	5	3.55E-05
49	5	3.57E-05
50	5	3.55E-05
51	5	1.08E-05
52	5	1.14E-05
53	5	1.16E-05
54	5	1.64E-05
55	5	1.73E-05
56	5	1.81E-05
57	5	1.88E-05
58	5	1.96E-05
59	5	2.03E-05
60	5	2.10E-05
61	5	2.19E-05
62	5	2.29E-05



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
63	5	2.42E-05
64	5	2.57E-05
65	5	2.75E-05
66	5	2.97E-05
67	5	3.20E-05
68	5	3.44E-05
69	5	3.66E-05
70	5	3.85E-05
71	5	3.99E-05
72	5	4.08E-05
73	5	4.11E-05
74	5	4.08E-05
75	5	3.99E-05
76	5	1.17E-05
77	5	1.23E-05
78	5	1.26E-05
79	5	1.84E-05
80	5	1.95E-05
81	5	2.05E-05
82	5	2.15E-05
83	5	2.25E-05
84	5	2.34E-05
85	5	2.44E-05
86	5	2.56E-05
87	5	2.69E-05
88	5	2.86E-05
89	5	3.06E-05
90	5	3.31E-05
91	5	3.60E-05
92	5	3.90E-05
93	5	4.18E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	4.43E-05
95	5	4.62E-05
96	5	4.74E-05
97	5	4.78E-05
98	5	4.73E-05
99	5	4.62E-05
100	5	4.45E-05
101	5	1.27E-05
102	5	1.35E-05
103	5	1.39E-05
104	5	2.09E-05
105	5	2.22E-05
106	5	2.36E-05
107	5	2.49E-05
108	5	2.62E-05
109	5	2.75E-05
110	5	2.88E-05
111	5	3.04E-05
112	5	3.21E-05
113	5	3.44E-05
114	5	3.73E-05
115	5	4.07E-05
116	5	4.45E-05
117	5	4.83E-05
118	5	5.16E-05
119	5	5.43E-05
120	5	5.59E-05
121	5	5.63E-05
122	5	5.57E-05
123	5	5.41E-05
124	5	5.18E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.38E-05
126	5	1.47E-05
127	5	1.53E-05
128	5	2.56E-05
129	5	2.74E-05
130	5	2.92E-05
131	5	3.09E-05
132	5	3.26E-05
133	5	3.45E-05
134	5	3.66E-05
135	5	3.91E-05
136	5	4.23E-05
137	5	4.64E-05
138	5	5.13E-05
139	5	5.63E-05
140	5	6.09E-05
141	5	6.46E-05
142	5	6.69E-05
143	5	6.75E-05
144	5	6.66E-05
145	5	6.44E-05
146	5	6.11E-05
147	5	1.51E-05
148	5	1.62E-05
149	5	1.69E-05
150	5	2.98E-05
151	5	3.23E-05
152	5	3.47E-05
153	5	3.72E-05
154	5	3.95E-05
155	5	4.23E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
156	5	4.51E-05
157	5	4.87E-05
158	5	5.35E-05
159	5	5.95E-05
160	5	6.63E-05
161	5	7.28E-05
162	5	7.81E-05
163	5	8.15E-05
164	5	8.25E-05
165	5	8.11E-05
166	5	7.78E-05
167	5	7.32E-05
168	5	6.77E-05
169	5	1.65E-05
170	5	1.78E-05
171	5	1.89E-05
172	5	1.99E-05
173	5	3.51E-05
174	5	3.85E-05
175	5	4.20E-05
176	5	4.55E-05
177	5	4.91E-05
178	5	5.30E-05
179	5	5.71E-05
180	5	6.26E-05
181	5	6.99E-05
182	5	7.89E-05
183	5	9.61E-05
184	5	8.92E-05
185	5	1.95E-05
186	5	2.10E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	2.24E-05
188	5	4.19E-05
189	5	4.68E-05
190	5	5.19E-05
191	5	5.72E-05
192	5	6.28E-05
193	5	6.83E-05
194	5	7.47E-05
195	5	8.35E-05
196	5	9.53E-05
197	5	1.09E-04
198	5	2.32E-05
199	5	2.52E-05
200	5	2.57E-05
201	5	2.84E-05
202	5	3.11E-05
203	5	3.17E-05
204	5	3.57E-05
205	5	4.01E-05
206	5	4.05E-05
207	5	4.63E-05
208	5	5.36E-05
209	5	4.54E-05
210	5	5.34E-05
211	5	6.28E-05
212	5	6.06E-05
213	5	7.37E-05
214	5	8.98E-05
215	5	6.87E-05
216	5	8.51E-05
217	5	1.06E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	1.25E-04
219	5	1.68E-04
220	5	1.45E-04
221	5	1.95E-04
222	5	1.59E-04
223	5	2.10E-04
224	5	2.91E-04
225	5	2.05E-04
226	5	2.64E-04
227	5	2.98E-05
228	5	2.62E-05
229	5	2.32E-05
230	5	2.07E-05
231	5	2.70E-05
232	5	2.39E-05
233	5	2.13E-05
234	5	1.91E-05
235	5	2.44E-05
236	5	2.18E-05
237	5	1.96E-05
238	5	1.77E-05
239	5	2.93E-04
240	5	2.44E-04
241	5	2.06E-04
242	5	1.75E-04
243	5	2.42E-04
244	5	2.06E-04
245	5	1.76E-04
246	5	1.52E-04
247	5	2.02E-04
248	5	1.75E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	1.52E-04
250	5	1.33E-04
251	5	6.83E-05
252	5	6.25E-05
253	5	8.04E-05
254	5	7.37E-05
255	5	6.21E-05
256	5	5.71E-05
257	5	4.49E-05
258	5	7.19E-05
259	5	6.63E-05
260	5	6.12E-05
261	5	5.66E-05
262	5	5.23E-05
263	5	4.17E-05
264	5	5.99E-05
265	5	5.56E-05
266	5	5.17E-05
267	5	4.80E-05
268	5	3.88E-05
269	5	6.00E-05
270	5	5.05E-05
271	5	4.30E-05
272	5	3.70E-05
273	5	3.21E-05
274	5	2.82E-05
275	5	2.49E-05
276	5	5.43E-05
277	5	4.57E-05
278	5	3.90E-05
279	5	3.37E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
280	5	2.94E-05
281	5	2.58E-05
282	5	2.29E-05
283	5	4.84E-05
284	5	4.09E-05
285	5	3.51E-05
286	5	3.05E-05
287	5	2.67E-05
288	5	2.36E-05
289	5	2.11E-05
290	5	4.28E-05
291	5	3.65E-05
292	5	3.16E-05
293	5	2.76E-05
294	5	2.43E-05
295	5	2.16E-05
296	5	1.94E-05
297	5	3.79E-05
298	5	3.26E-05
299	5	2.84E-05
300	5	2.50E-05
301	5	2.22E-05
302	5	1.99E-05
303	5	1.79E-05
304	5	3.38E-05
305	5	2.93E-05
306	5	2.58E-05
307	5	2.28E-05
308	5	2.04E-05
309	5	1.83E-05
310	5	1.66E-05



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 3 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	3.04E-05
312	5	2.66E-05
313	5	2.35E-05
314	5	2.09E-05
315	5	1.88E-05
316	5	1.70E-05
317	5	1.54E-05

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**5: Unmitigated Parcel 4 Risk**



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## **Unmitigated Construction Health Risk for Parcel 4**

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Parcel 4-A: Unmitigated Construction Health Risk for Parcel 4 - Assumptions

Parcel 4-B: Unmitigated - Parcel 4 - Emissions

Parcel 4-C: Unmitigated - Parcel 4 - Risk Summary

Parcel 4-D: Unmitigated - Parcel 4 - Site Preparation Risk

Parcel 4-E: Unmitigated - Parcel 4 - Grading Risk

Parcel 4-F: Unmitigated - Parcel 4 - Building Construction Risk

Parcel 4-G: Unmitigated - Parcel 4 - Paving Risk

Parcel 4-H: Unmitigated - Parcel 4 - Architectural Coating Risk



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Parcel 4-A: Unmitigated Construction Health Risk for Parcel 4 - Assumptions



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## Manning Ave. Annexation 2020-01 Project

### Unmitigated Construction Health Risk for Parcel 4 - Assumptions

Date: 4/28/2022

	3rd	0-2	2-16	>16	Units
DBR	361	1090	631	261	L/kg
A	1				no units
EF	0.95890411				years
Constant 1	0.000001				no units
CPF	1.1				mg/kg-day-1
ASF	10	10	3	1	no units
Site Preparation	0.00	0.003	0.00	0.00	years
Grading	0.00	0.005	0.00	0.00	years
Building Construction	0.00	0.274	0.00	0.00	years
Paving	0.00	0.014	0.00	0.00	years
Architectural Coating	0.00	0.014	0.00	0.00	years
AT	70				years
FAH	1	1	1	0.73	day
Constant 2	1,000,000				no units
Dose Constant	3.46E-04	1.05E-03	6.05E-04	2.50E-04	
Risk Constant	0.00E+00	4.31E-04	0.00E+00	0.00E+00	

Source: OEHHA 2015

Dose =

(Cair X DBR X A X EF X Constant 1)

Cair = concentration in air ( $\mu\text{g}/\text{m}^3$ )

DBR = daily breathing rate normalized to body weight (l/kg bod weight -day)

A = Inhalation adsorption factor (unitless)

EF = Exposure frequency (unitless), days/365 days

Constant 1 = micrograms to milligrams conversion, liters to cubic meters conversion

Cancer Risk =

Dose X CPF x ASF x (ED/AT) X FAH

Dose = Daily inhalation dose (mg/kg-day)

CPF = Inhalation cancer potency factor ( $\text{mg}/\text{kg}\cdot\text{day}^{-1}$ )

ASF = Age sensitivity factor for a specified age group (unitless)

ED = Exposure duration (in years) for a specified age group

AT = Averaging time for lifetime cancer risk (years)

FAH = Fraction of time spent at home (unitless)

Risk per Million =

Cancer Risk X Constant 2

FAH

If school is within the 1 per million cancer bracket:

3rd to 2 years 1

2 to 16 1

16-30 0.73

If school is not within the 1 per million cancer bracket:

3rd to 2 years 0.85

2 to 16 0.72

16-30 0.73

Source: OEHHA 2015

**Onsite Concentrations**

	<b>Source ID</b>	<b>PM10 (lbs/day)</b>	<b>PM10 (gr/day)</b>	<b>PM10 (gr/sec)</b>	<b>Days</b>	<b>Years</b>
Site Preparation	P4A	0.23	102.78403	0.0028551	1	0.003
Grading	P4A	0.42	190.55415	0.0052932	2	0.005
Building Construction	P4B	0.32	145.28564	0.0040357	100	0.274
Paving	P4A	0.26	119.88446	0.0033301	5	0.014
Architectural Coating	P4B	0.07	32.11434	0.0008921	5	0.014

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Construction Health Risk for Parcel 4 - Assumptions**

**Sources**

P4A	Parcel 4	Site Preparation, grading, and paving
P4B	Parcel 4	Building Construction and Architectural Coating

Meteorological Data Fresno Airport 2013 - 2017. Supplied by SJVAPCD  
Elevation 101 M.

**Assumptions and Constants:**

- 365 days per year construction
- 453.59237 conversion from lbs to grams
- 10 hours per day construction
- 60 minutes per hour
- 60 seconds per minute
- 1 year construction per parcel
- 0-2 year age bin as conservative risk.

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Parcel 4-B: Unmitigated - Parcel 4 - Emissions



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**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Emissions**

	<b>PM10 Exhaust</b>	<b>days/phase</b>
Site Preparation	0.2266	1
Grading	0.4201	2
Building Construction	0.3203	100
Paving	0.2643	5
Architectural Coating	0.0708	5

Source: CalEEMod Title: Annexation 2020-01 Kings River Development Fast Food with Drive thru Parcel #4  
CalEEMod Date: 4/28/2022

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Parcel 4-C: Unmitigated - Parcel 4 - Risk Summary



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**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
1	3.735E-04	6.51E-05	1.2E-04	9.17E-05	7.59E-05	2.03E-05
2	3.904E-04	6.80E-05	1.3E-04	9.58E-05	7.93E-05	2.12E-05
3	3.957E-04	6.89E-05	1.3E-04	9.71E-05	8.04E-05	2.15E-05
4	5.428E-04	9.45E-05	1.8E-04	1.33E-04	1.10E-04	2.95E-05
5	5.689E-04	9.90E-05	1.8E-04	1.40E-04	1.15E-04	3.10E-05
6	5.944E-04	1.03E-04	1.9E-04	1.46E-04	1.21E-04	3.24E-05
7	6.189E-04	1.08E-04	2.0E-04	1.53E-04	1.25E-04	3.37E-05
8	6.423E-04	1.12E-04	2.1E-04	1.59E-04	1.30E-04	3.50E-05
9	6.643E-04	1.15E-04	2.1E-04	1.64E-04	1.35E-04	3.63E-05
10	6.857E-04	1.19E-04	2.2E-04	1.70E-04	1.39E-04	3.75E-05
11	7.072E-04	1.23E-04	2.3E-04	1.75E-04	1.43E-04	3.86E-05
12	7.304E-04	1.27E-04	2.4E-04	1.81E-04	1.48E-04	3.99E-05
13	7.581E-04	1.32E-04	2.4E-04	1.87E-04	1.54E-04	4.14E-05
14	7.893E-04	1.37E-04	2.5E-04	1.95E-04	1.60E-04	4.30E-05
15	8.267E-04	1.44E-04	2.7E-04	2.04E-04	1.68E-04	4.50E-05
16	8.735E-04	1.52E-04	2.8E-04	2.15E-04	1.77E-04	4.75E-05
17	9.295E-04	1.62E-04	3.0E-04	2.29E-04	1.89E-04	5.05E-05
18	9.927E-04	1.73E-04	3.2E-04	2.44E-04	2.02E-04	5.40E-05
19	1.062E-03	1.85E-04	3.4E-04	2.61E-04	2.16E-04	5.78E-05
20	1.134E-03	1.97E-04	3.7E-04	2.79E-04	2.30E-04	6.17E-05
21	1.204E-03	2.09E-04	3.9E-04	2.97E-04	2.44E-04	6.57E-05
22	1.268E-03	2.20E-04	4.1E-04	3.14E-04	2.57E-04	6.93E-05
23	1.322E-03	2.29E-04	4.3E-04	3.28E-04	2.68E-04	7.24E-05
24	1.363E-03	2.36E-04	4.4E-04	3.38E-04	2.76E-04	7.48E-05
25	1.388E-03	2.40E-04	4.5E-04	3.45E-04	2.80E-04	7.63E-05
26	4.012E-04	6.99E-05	1.3E-04	9.85E-05	8.15E-05	2.18E-05
27	4.203E-04	7.32E-05	1.4E-04	1.03E-04	8.54E-05	2.28E-05
28	4.266E-04	7.43E-05	1.4E-04	1.05E-04	8.67E-05	2.31E-05
29	5.989E-04	1.04E-04	1.9E-04	1.47E-04	1.22E-04	3.25E-05
30	6.312E-04	1.10E-04	2.0E-04	1.55E-04	1.28E-04	3.43E-05

Max	Receptor #
0.017	239

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
31	6.632E-04	1.15E-04	2.1E-04	1.63E-04	1.35E-04	3.61E-05
32	6.942E-04	1.21E-04	2.2E-04	1.71E-04	1.41E-04	3.78E-05
33	7.236E-04	1.26E-04	2.3E-04	1.79E-04	1.47E-04	3.95E-05
34	7.516E-04	1.31E-04	2.4E-04	1.86E-04	1.52E-04	4.10E-05
35	7.786E-04	1.35E-04	2.5E-04	1.92E-04	1.58E-04	4.25E-05
36	8.056E-04	1.40E-04	2.6E-04	1.99E-04	1.63E-04	4.40E-05
37	8.365E-04	1.45E-04	2.7E-04	2.07E-04	1.69E-04	4.57E-05
38	8.717E-04	1.51E-04	2.8E-04	2.15E-04	1.77E-04	4.76E-05
39	9.108E-04	1.58E-04	2.9E-04	2.25E-04	1.85E-04	4.97E-05
40	9.597E-04	1.67E-04	3.1E-04	2.36E-04	1.95E-04	5.22E-05
41	1.022E-03	1.78E-04	3.3E-04	2.51E-04	2.07E-04	5.56E-05
42	1.095E-03	1.91E-04	3.5E-04	2.69E-04	2.22E-04	5.95E-05
43	1.177E-03	2.05E-04	3.8E-04	2.89E-04	2.39E-04	6.40E-05
44	1.265E-03	2.20E-04	4.1E-04	3.11E-04	2.57E-04	6.88E-05
45	1.353E-03	2.35E-04	4.4E-04	3.34E-04	2.74E-04	7.37E-05
46	1.434E-03	2.49E-04	4.6E-04	3.54E-04	2.91E-04	7.83E-05
47	1.504E-03	2.61E-04	4.8E-04	3.73E-04	3.04E-04	8.23E-05
48	1.556E-03	2.70E-04	5.0E-04	3.86E-04	3.15E-04	8.54E-05
49	1.588E-03	2.75E-04	5.1E-04	3.95E-04	3.21E-04	8.73E-05
50	1.598E-03	2.76E-04	5.1E-04	3.98E-04	3.22E-04	8.81E-05
51	4.321E-04	7.53E-05	1.4E-04	1.06E-04	8.78E-05	2.34E-05
52	4.540E-04	7.91E-05	1.5E-04	1.11E-04	9.23E-05	2.46E-05
53	4.621E-04	8.05E-05	1.5E-04	1.13E-04	9.39E-05	2.51E-05
54	6.642E-04	1.16E-04	2.1E-04	1.63E-04	1.35E-04	3.61E-05
55	7.045E-04	1.23E-04	2.3E-04	1.73E-04	1.43E-04	3.83E-05
56	7.448E-04	1.30E-04	2.4E-04	1.83E-04	1.51E-04	4.05E-05
57	7.844E-04	1.36E-04	2.5E-04	1.93E-04	1.59E-04	4.27E-05
58	8.223E-04	1.43E-04	2.6E-04	2.03E-04	1.67E-04	4.49E-05
59	8.586E-04	1.49E-04	2.8E-04	2.12E-04	1.74E-04	4.69E-05
60	8.936E-04	1.55E-04	2.9E-04	2.21E-04	1.81E-04	4.88E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
61	9.283E-04	1.61E-04	3.0E-04	2.30E-04	1.88E-04	5.07E-05
62	9.690E-04	1.68E-04	3.1E-04	2.40E-04	1.96E-04	5.29E-05
63	1.013E-03	1.76E-04	3.3E-04	2.50E-04	2.05E-04	5.53E-05
64	1.065E-03	1.85E-04	3.4E-04	2.63E-04	2.16E-04	5.80E-05
65	1.131E-03	1.97E-04	3.6E-04	2.78E-04	2.29E-04	6.15E-05
66	1.214E-03	2.11E-04	3.9E-04	2.99E-04	2.47E-04	6.60E-05
67	1.311E-03	2.28E-04	4.2E-04	3.22E-04	2.66E-04	7.12E-05
68	1.419E-03	2.47E-04	4.6E-04	3.49E-04	2.88E-04	7.71E-05
69	1.530E-03	2.66E-04	4.9E-04	3.77E-04	3.10E-04	8.33E-05
70	1.635E-03	2.84E-04	5.3E-04	4.04E-04	3.31E-04	8.93E-05
71	1.726E-03	2.99E-04	5.6E-04	4.28E-04	3.49E-04	9.45E-05
72	1.795E-03	3.11E-04	5.8E-04	4.46E-04	3.63E-04	9.86E-05
73	1.837E-03	3.18E-04	5.9E-04	4.57E-04	3.71E-04	1.01E-04
74	1.849E-03	3.20E-04	5.9E-04	4.62E-04	3.73E-04	1.02E-04
75	1.833E-03	3.17E-04	5.9E-04	4.58E-04	3.69E-04	1.01E-04
76	4.662E-04	8.12E-05	1.5E-04	1.14E-04	9.48E-05	2.53E-05
77	4.917E-04	8.57E-05	1.6E-04	1.21E-04	1.00E-04	2.67E-05
78	5.030E-04	8.76E-05	1.6E-04	1.23E-04	1.02E-04	2.73E-05
79	7.408E-04	1.29E-04	2.4E-04	1.82E-04	1.51E-04	4.02E-05
80	7.913E-04	1.38E-04	2.6E-04	1.94E-04	1.61E-04	4.30E-05
81	8.427E-04	1.47E-04	2.7E-04	2.07E-04	1.71E-04	4.58E-05
82	8.939E-04	1.55E-04	2.9E-04	2.20E-04	1.81E-04	4.87E-05
83	9.437E-04	1.64E-04	3.0E-04	2.33E-04	1.91E-04	5.15E-05
84	9.918E-04	1.72E-04	3.2E-04	2.45E-04	2.01E-04	5.41E-05
85	1.038E-03	1.80E-04	3.3E-04	2.57E-04	2.10E-04	5.67E-05
86	1.088E-03	1.89E-04	3.5E-04	2.69E-04	2.20E-04	5.95E-05
87	1.139E-03	1.98E-04	3.7E-04	2.82E-04	2.31E-04	6.23E-05
88	1.195E-03	2.08E-04	3.9E-04	2.95E-04	2.42E-04	6.52E-05
89	1.265E-03	2.20E-04	4.1E-04	3.12E-04	2.57E-04	6.89E-05
90	1.357E-03	2.36E-04	4.4E-04	3.34E-04	2.75E-04	7.37E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
91	1.470E-03	2.56E-04	4.7E-04	3.61E-04	2.99E-04	7.98E-05
92	1.601E-03	2.79E-04	5.2E-04	3.93E-04	3.25E-04	8.70E-05
93	1.742E-03	3.03E-04	5.6E-04	4.29E-04	3.54E-04	9.48E-05
94	1.880E-03	3.27E-04	6.1E-04	4.64E-04	3.81E-04	1.03E-04
95	2.002E-03	3.47E-04	6.4E-04	4.96E-04	4.05E-04	1.10E-04
96	2.095E-03	3.63E-04	6.7E-04	5.21E-04	4.23E-04	1.15E-04
97	2.151E-03	3.72E-04	6.9E-04	5.36E-04	4.34E-04	1.19E-04
98	2.167E-03	3.75E-04	6.9E-04	5.42E-04	4.37E-04	1.20E-04
99	2.144E-03	3.70E-04	6.9E-04	5.37E-04	4.32E-04	1.19E-04
100	2.087E-03	3.60E-04	6.7E-04	5.24E-04	4.20E-04	1.16E-04
101	5.037E-04	8.78E-05	1.6E-04	1.23E-04	1.02E-04	2.73E-05
102	5.338E-04	9.30E-05	1.7E-04	1.31E-04	1.09E-04	2.89E-05
103	5.495E-04	9.58E-05	1.8E-04	1.35E-04	1.12E-04	2.98E-05
104	8.316E-04	1.45E-04	2.7E-04	2.04E-04	1.69E-04	4.51E-05
105	8.952E-04	1.56E-04	2.9E-04	2.20E-04	1.82E-04	4.85E-05
106	9.616E-04	1.67E-04	3.1E-04	2.36E-04	1.95E-04	5.22E-05
107	1.029E-03	1.79E-04	3.3E-04	2.53E-04	2.09E-04	5.60E-05
108	1.096E-03	1.90E-04	3.5E-04	2.70E-04	2.22E-04	5.97E-05
109	1.160E-03	2.02E-04	3.7E-04	2.86E-04	2.35E-04	6.33E-05
110	1.224E-03	2.13E-04	3.9E-04	3.03E-04	2.48E-04	6.69E-05
111	1.293E-03	2.25E-04	4.2E-04	3.20E-04	2.62E-04	7.07E-05
112	1.358E-03	2.36E-04	4.4E-04	3.36E-04	2.75E-04	7.42E-05
113	1.434E-03	2.49E-04	4.6E-04	3.54E-04	2.91E-04	7.82E-05
114	1.533E-03	2.67E-04	4.9E-04	3.77E-04	3.11E-04	8.34E-05
115	1.662E-03	2.89E-04	5.4E-04	4.08E-04	3.38E-04	9.02E-05
116	1.821E-03	3.17E-04	5.9E-04	4.47E-04	3.70E-04	9.88E-05
117	2.000E-03	3.48E-04	6.5E-04	4.92E-04	4.06E-04	1.09E-04
118	2.184E-03	3.80E-04	7.0E-04	5.38E-04	4.43E-04	1.19E-04
119	2.350E-03	4.08E-04	7.6E-04	5.82E-04	4.76E-04	1.29E-04
120	2.479E-03	4.30E-04	8.0E-04	6.16E-04	5.01E-04	1.36E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
121	2.558E-03	4.42E-04	8.2E-04	6.38E-04	5.16E-04	1.41E-04
122	2.579E-03	4.45E-04	8.3E-04	6.46E-04	5.20E-04	1.43E-04
123	2.546E-03	4.39E-04	8.1E-04	6.39E-04	5.12E-04	1.41E-04
124	2.465E-03	4.25E-04	7.9E-04	6.20E-04	4.96E-04	1.37E-04
125	5.445E-04	9.50E-05	1.8E-04	1.33E-04	1.11E-04	2.95E-05
126	5.800E-04	1.01E-04	1.9E-04	1.42E-04	1.18E-04	3.14E-05
127	6.015E-04	1.05E-04	1.9E-04	1.47E-04	1.22E-04	3.26E-05
128	1.021E-03	1.78E-04	3.3E-04	2.50E-04	2.08E-04	5.53E-05
129	1.108E-03	1.93E-04	3.6E-04	2.72E-04	2.25E-04	6.01E-05
130	1.198E-03	2.09E-04	3.9E-04	2.95E-04	2.43E-04	6.51E-05
131	1.289E-03	2.24E-04	4.2E-04	3.17E-04	2.61E-04	7.02E-05
132	1.378E-03	2.39E-04	4.4E-04	3.40E-04	2.79E-04	7.52E-05
133	1.470E-03	2.55E-04	4.7E-04	3.63E-04	2.98E-04	8.03E-05
134	1.560E-03	2.71E-04	5.0E-04	3.86E-04	3.16E-04	8.53E-05
135	1.650E-03	2.87E-04	5.3E-04	4.08E-04	3.34E-04	9.01E-05
136	1.758E-03	3.06E-04	5.7E-04	4.33E-04	3.56E-04	9.58E-05
137	1.901E-03	3.31E-04	6.1E-04	4.67E-04	3.86E-04	1.03E-04
138	2.089E-03	3.64E-04	6.7E-04	5.13E-04	4.25E-04	1.13E-04
139	2.314E-03	4.03E-04	7.5E-04	5.68E-04	4.70E-04	1.25E-04
140	2.560E-03	4.46E-04	8.3E-04	6.30E-04	5.20E-04	1.39E-04
141	2.794E-03	4.85E-04	9.0E-04	6.91E-04	5.66E-04	1.53E-04
142	2.980E-03	5.16E-04	9.6E-04	7.41E-04	6.02E-04	1.64E-04
143	3.093E-03	5.35E-04	9.9E-04	7.73E-04	6.24E-04	1.71E-04
144	3.124E-03	5.39E-04	1.0E-03	7.83E-04	6.29E-04	1.73E-04
145	3.074E-03	5.30E-04	9.8E-04	7.73E-04	6.18E-04	1.71E-04
146	2.958E-03	5.09E-04	9.4E-04	7.45E-04	5.94E-04	1.65E-04
147	5.887E-04	1.03E-04	1.9E-04	1.44E-04	1.20E-04	3.18E-05
148	6.307E-04	1.10E-04	2.0E-04	1.54E-04	1.28E-04	3.41E-05
149	6.609E-04	1.15E-04	2.1E-04	1.62E-04	1.34E-04	3.57E-05
150	1.175E-03	2.05E-04	3.8E-04	2.88E-04	2.39E-04	6.36E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
151	1.289E-03	2.25E-04	4.2E-04	3.16E-04	2.62E-04	6.98E-05
152	1.412E-03	2.46E-04	4.6E-04	3.47E-04	2.87E-04	7.66E-05
153	1.538E-03	2.68E-04	5.0E-04	3.79E-04	3.12E-04	8.37E-05
154	1.664E-03	2.89E-04	5.4E-04	4.10E-04	3.37E-04	9.07E-05
155	1.802E-03	3.13E-04	5.8E-04	4.45E-04	3.65E-04	9.84E-05
156	1.923E-03	3.34E-04	6.2E-04	4.76E-04	3.89E-04	1.05E-04
157	2.052E-03	3.56E-04	6.6E-04	5.07E-04	4.16E-04	1.12E-04
158	2.211E-03	3.85E-04	7.1E-04	5.44E-04	4.49E-04	1.20E-04
159	2.427E-03	4.23E-04	7.8E-04	5.95E-04	4.93E-04	1.32E-04
160	2.709E-03	4.72E-04	8.8E-04	6.63E-04	5.51E-04	1.47E-04
161	3.034E-03	5.29E-04	9.8E-04	7.45E-04	6.17E-04	1.65E-04
162	3.367E-03	5.85E-04	1.1E-03	8.31E-04	6.83E-04	1.84E-04
163	3.644E-03	6.32E-04	1.2E-03	9.05E-04	7.37E-04	2.00E-04
164	3.818E-03	6.60E-04	1.2E-03	9.54E-04	7.70E-04	2.11E-04
165	3.865E-03	6.66E-04	1.2E-03	9.71E-04	7.77E-04	2.15E-04
166	3.789E-03	6.52E-04	1.2E-03	9.56E-04	7.61E-04	2.11E-04
167	3.616E-03	6.22E-04	1.2E-03	9.14E-04	7.25E-04	2.02E-04
168	3.375E-03	5.80E-04	1.1E-03	8.54E-04	6.77E-04	1.89E-04
169	6.358E-04	1.11E-04	2.1E-04	1.55E-04	1.29E-04	3.43E-05
170	6.855E-04	1.20E-04	2.2E-04	1.67E-04	1.40E-04	3.70E-05
171	7.279E-04	1.27E-04	2.4E-04	1.78E-04	1.48E-04	3.93E-05
172	7.703E-04	1.34E-04	2.5E-04	1.88E-04	1.57E-04	4.16E-05
173	1.366E-03	2.38E-04	4.4E-04	3.34E-04	2.78E-04	7.38E-05
174	1.519E-03	2.65E-04	4.9E-04	3.71E-04	3.09E-04	8.21E-05
175	1.689E-03	2.94E-04	5.5E-04	4.14E-04	3.43E-04	9.14E-05
176	1.869E-03	3.25E-04	6.0E-04	4.59E-04	3.80E-04	1.01E-04
177	2.059E-03	3.58E-04	6.6E-04	5.07E-04	4.18E-04	1.12E-04
178	2.255E-03	3.92E-04	7.3E-04	5.57E-04	4.57E-04	1.23E-04
179	2.434E-03	4.23E-04	7.8E-04	6.02E-04	4.93E-04	1.33E-04
180	2.627E-03	4.57E-04	8.5E-04	6.48E-04	5.32E-04	1.43E-04



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
181	2.872E-03	5.00E-04	9.3E-04	7.06E-04	5.83E-04	1.56E-04
182	3.212E-03	5.60E-04	1.0E-03	7.86E-04	6.53E-04	1.74E-04
183	4.789E-03	8.23E-04	1.5E-03	1.21E-03	9.60E-04	2.68E-04
184	4.522E-03	7.76E-04	1.4E-03	1.15E-03	9.05E-04	2.54E-04
185	7.441E-04	1.30E-04	2.4E-04	1.81E-04	1.52E-04	4.01E-05
186	8.006E-04	1.40E-04	2.6E-04	1.95E-04	1.63E-04	4.32E-05
187	8.521E-04	1.49E-04	2.8E-04	2.08E-04	1.74E-04	4.59E-05
188	1.606E-03	2.80E-04	5.2E-04	3.92E-04	3.27E-04	8.65E-05
189	1.813E-03	3.17E-04	5.9E-04	4.42E-04	3.69E-04	9.77E-05
190	2.052E-03	3.58E-04	6.6E-04	5.01E-04	4.18E-04	1.11E-04
191	2.318E-03	4.04E-04	7.5E-04	5.68E-04	4.71E-04	1.26E-04
192	2.619E-03	4.56E-04	8.5E-04	6.44E-04	5.32E-04	1.42E-04
193	2.907E-03	5.05E-04	9.4E-04	7.17E-04	5.89E-04	1.59E-04
194	3.186E-03	5.53E-04	1.0E-03	7.87E-04	6.46E-04	1.74E-04
195	3.488E-03	6.07E-04	1.1E-03	8.60E-04	7.07E-04	1.90E-04
196	3.887E-03	6.78E-04	1.3E-03	9.52E-04	7.90E-04	2.10E-04
197	4.455E-03	7.78E-04	1.4E-03	1.09E-03	9.08E-04	2.40E-04
198	8.713E-04	1.52E-04	2.8E-04	2.12E-04	1.78E-04	4.69E-05
199	9.468E-04	1.66E-04	3.1E-04	2.30E-04	1.93E-04	5.09E-05
200	9.491E-04	1.66E-04	3.1E-04	2.31E-04	1.94E-04	5.10E-05
201	1.047E-03	1.83E-04	3.4E-04	2.54E-04	2.14E-04	5.62E-05
202	1.142E-03	2.00E-04	3.7E-04	2.77E-04	2.33E-04	6.13E-05
203	1.146E-03	2.01E-04	3.7E-04	2.78E-04	2.34E-04	6.13E-05
204	1.284E-03	2.25E-04	4.2E-04	3.11E-04	2.62E-04	6.87E-05
205	1.432E-03	2.51E-04	4.7E-04	3.47E-04	2.93E-04	7.66E-05
206	1.419E-03	2.49E-04	4.6E-04	3.43E-04	2.90E-04	7.57E-05
207	1.612E-03	2.83E-04	5.2E-04	3.89E-04	3.30E-04	8.59E-05
208	1.848E-03	3.24E-04	6.0E-04	4.45E-04	3.78E-04	9.84E-05
209	1.557E-03	2.73E-04	5.1E-04	3.75E-04	3.19E-04	8.29E-05
210	1.807E-03	3.18E-04	5.9E-04	4.34E-04	3.70E-04	9.60E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
211	2.094E-03	3.68E-04	6.8E-04	5.02E-04	4.30E-04	1.11E-04
212	2.007E-03	3.53E-04	6.5E-04	4.81E-04	4.12E-04	1.06E-04
213	2.390E-03	4.21E-04	7.8E-04	5.71E-04	4.91E-04	1.26E-04
214	2.840E-03	5.01E-04	9.3E-04	6.77E-04	5.84E-04	1.50E-04
215	2.234E-03	3.93E-04	7.3E-04	5.34E-04	4.59E-04	1.18E-04
216	2.692E-03	4.75E-04	8.8E-04	6.42E-04	5.54E-04	1.42E-04
217	3.250E-03	5.74E-04	1.1E-03	7.72E-04	6.69E-04	1.71E-04
218	3.715E-03	6.57E-04	1.2E-03	8.80E-04	7.66E-04	1.95E-04
219	4.721E-03	8.37E-04	1.6E-03	1.11E-03	9.76E-04	2.46E-04
220	4.169E-03	7.37E-04	1.4E-03	9.86E-04	8.60E-04	2.18E-04
221	5.267E-03	9.34E-04	1.7E-03	1.24E-03	1.09E-03	2.74E-04
222	4.466E-03	7.90E-04	1.5E-03	1.06E-03	9.22E-04	2.33E-04
223	5.577E-03	9.89E-04	1.8E-03	1.31E-03	1.15E-03	2.90E-04
224	7.197E-03	1.28E-03	2.4E-03	1.68E-03	1.49E-03	3.72E-04
225	5.527E-03	9.80E-04	1.8E-03	1.30E-03	1.14E-03	2.87E-04
226	6.819E-03	1.21E-03	2.2E-03	1.60E-03	1.41E-03	3.53E-04
227	1.442E-03	2.50E-04	4.6E-04	3.60E-04	2.91E-04	7.95E-05
228	1.256E-03	2.17E-04	4.0E-04	3.13E-04	2.54E-04	6.92E-05
229	1.103E-03	1.91E-04	3.5E-04	2.75E-04	2.23E-04	6.07E-05
230	9.771E-04	1.69E-04	3.1E-04	2.43E-04	1.97E-04	5.38E-05
231	1.285E-03	2.23E-04	4.1E-04	3.20E-04	2.60E-04	7.07E-05
232	1.131E-03	1.96E-04	3.6E-04	2.81E-04	2.28E-04	6.22E-05
233	1.003E-03	1.74E-04	3.2E-04	2.49E-04	2.03E-04	5.51E-05
234	8.949E-04	1.55E-04	2.9E-04	2.23E-04	1.81E-04	4.92E-05
235	1.149E-03	1.99E-04	3.7E-04	2.86E-04	2.32E-04	6.31E-05
236	1.021E-03	1.77E-04	3.3E-04	2.54E-04	2.06E-04	5.61E-05
237	9.130E-04	1.58E-04	2.9E-04	2.27E-04	1.85E-04	5.02E-05
238	8.211E-04	1.42E-04	2.6E-04	2.04E-04	1.66E-04	4.51E-05
239	1.707E-02	2.99E-03	5.5E-03	4.14E-03	3.49E-03	9.15E-04
240	1.431E-02	2.49E-03	4.6E-03	3.51E-03	2.91E-03	7.75E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
241	1.202E-02	2.09E-03	3.9E-03	2.97E-03	2.44E-03	6.56E-04
242	1.014E-02	1.76E-03	3.3E-03	2.52E-03	2.05E-03	5.57E-04
243	1.321E-02	2.31E-03	4.3E-03	3.21E-03	2.70E-03	7.08E-04
244	1.139E-02	1.99E-03	3.7E-03	2.79E-03	2.32E-03	6.16E-04
245	9.806E-03	1.70E-03	3.2E-03	2.42E-03	1.99E-03	5.34E-04
246	8.458E-03	1.47E-03	2.7E-03	2.10E-03	1.71E-03	4.63E-04
247	1.050E-02	1.84E-03	3.4E-03	2.55E-03	2.14E-03	5.63E-04
248	9.240E-03	1.61E-03	3.0E-03	2.26E-03	1.88E-03	5.00E-04
249	8.118E-03	1.41E-03	2.6E-03	2.00E-03	1.65E-03	4.42E-04
250	7.127E-03	1.24E-03	2.3E-03	1.76E-03	1.44E-03	3.90E-04
251	3.326E-03	5.78E-04	1.1E-03	8.22E-04	6.74E-04	1.82E-04
252	3.051E-03	5.30E-04	9.8E-04	7.55E-04	6.18E-04	1.67E-04
253	3.744E-03	6.53E-04	1.2E-03	9.17E-04	7.61E-04	2.03E-04
254	3.471E-03	6.04E-04	1.1E-03	8.52E-04	7.05E-04	1.88E-04
255	2.970E-03	5.16E-04	9.6E-04	7.33E-04	6.02E-04	1.62E-04
256	2.744E-03	4.76E-04	8.8E-04	6.78E-04	5.56E-04	1.50E-04
257	2.167E-03	3.76E-04	7.0E-04	5.38E-04	4.38E-04	1.19E-04
258	3.294E-03	5.74E-04	1.1E-03	8.07E-04	6.70E-04	1.78E-04
259	3.074E-03	5.35E-04	9.9E-04	7.54E-04	6.24E-04	1.67E-04
260	2.863E-03	4.98E-04	9.2E-04	7.04E-04	5.81E-04	1.56E-04
261	2.664E-03	4.63E-04	8.6E-04	6.57E-04	5.40E-04	1.45E-04
262	2.477E-03	4.30E-04	8.0E-04	6.12E-04	5.02E-04	1.35E-04
263	1.990E-03	3.45E-04	6.4E-04	4.93E-04	4.03E-04	1.09E-04
264	2.738E-03	4.77E-04	8.8E-04	6.72E-04	5.56E-04	1.48E-04
265	2.566E-03	4.47E-04	8.3E-04	6.31E-04	5.21E-04	1.39E-04
266	2.401E-03	4.18E-04	7.7E-04	5.91E-04	4.87E-04	1.31E-04
267	2.245E-03	3.90E-04	7.2E-04	5.54E-04	4.55E-04	1.22E-04
268	1.831E-03	3.18E-04	5.9E-04	4.54E-04	3.71E-04	1.00E-04
269	3.174E-03	5.46E-04	1.0E-03	8.02E-04	6.37E-04	1.77E-04
270	2.610E-03	4.50E-04	8.3E-04	6.58E-04	5.24E-04	1.45E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
271	2.179E-03	3.76E-04	7.0E-04	5.48E-04	4.38E-04	1.21E-04
272	1.843E-03	3.18E-04	5.9E-04	4.62E-04	3.71E-04	1.02E-04
273	1.578E-03	2.73E-04	5.1E-04	3.95E-04	3.18E-04	8.73E-05
274	1.366E-03	2.36E-04	4.4E-04	3.41E-04	2.75E-04	7.55E-05
275	1.195E-03	2.07E-04	3.8E-04	2.98E-04	2.41E-04	6.59E-05
276	2.835E-03	4.88E-04	9.1E-04	7.14E-04	5.70E-04	1.58E-04
277	2.336E-03	4.03E-04	7.5E-04	5.87E-04	4.70E-04	1.30E-04
278	1.956E-03	3.38E-04	6.3E-04	4.90E-04	3.94E-04	1.08E-04
279	1.661E-03	2.87E-04	5.3E-04	4.16E-04	3.35E-04	9.19E-05
280	1.429E-03	2.47E-04	4.6E-04	3.57E-04	2.88E-04	7.89E-05
281	1.242E-03	2.15E-04	4.0E-04	3.10E-04	2.51E-04	6.85E-05
282	1.091E-03	1.89E-04	3.5E-04	2.72E-04	2.20E-04	6.01E-05
283	2.485E-03	4.29E-04	8.0E-04	6.23E-04	5.00E-04	1.38E-04
284	2.063E-03	3.56E-04	6.6E-04	5.17E-04	4.16E-04	1.14E-04
285	1.740E-03	3.01E-04	5.6E-04	4.35E-04	3.51E-04	9.62E-05
286	1.488E-03	2.57E-04	4.8E-04	3.72E-04	3.00E-04	8.21E-05
287	1.288E-03	2.23E-04	4.1E-04	3.21E-04	2.60E-04	7.10E-05
288	1.127E-03	1.95E-04	3.6E-04	2.81E-04	2.27E-04	6.21E-05
289	9.951E-04	1.72E-04	3.2E-04	2.48E-04	2.01E-04	5.47E-05
290	2.164E-03	3.74E-04	6.9E-04	5.41E-04	4.36E-04	1.20E-04
291	1.815E-03	3.14E-04	5.8E-04	4.54E-04	3.66E-04	1.00E-04
292	1.546E-03	2.67E-04	5.0E-04	3.86E-04	3.12E-04	8.53E-05
293	1.333E-03	2.31E-04	4.3E-04	3.32E-04	2.69E-04	7.34E-05
294	1.162E-03	2.01E-04	3.7E-04	2.89E-04	2.35E-04	6.40E-05
295	1.023E-03	1.77E-04	3.3E-04	2.55E-04	2.07E-04	5.63E-05
296	9.092E-04	1.57E-04	2.9E-04	2.26E-04	1.84E-04	5.00E-05
297	1.892E-03	3.27E-04	6.1E-04	4.73E-04	3.81E-04	1.04E-04
298	1.604E-03	2.77E-04	5.1E-04	4.00E-04	3.24E-04	8.85E-05
299	1.379E-03	2.39E-04	4.4E-04	3.44E-04	2.78E-04	7.60E-05
300	1.199E-03	2.08E-04	3.8E-04	2.99E-04	2.42E-04	6.60E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
301	1.053E-03	1.82E-04	3.4E-04	2.62E-04	2.13E-04	5.80E-05
302	9.336E-04	1.62E-04	3.0E-04	2.32E-04	1.89E-04	5.13E-05
303	8.342E-04	1.45E-04	2.7E-04	2.07E-04	1.69E-04	4.58E-05
304	1.668E-03	2.88E-04	5.3E-04	4.16E-04	3.36E-04	9.20E-05
305	1.429E-03	2.47E-04	4.6E-04	3.57E-04	2.88E-04	7.88E-05
306	1.240E-03	2.14E-04	4.0E-04	3.09E-04	2.50E-04	6.83E-05
307	1.086E-03	1.88E-04	3.5E-04	2.71E-04	2.19E-04	5.98E-05
308	9.607E-04	1.66E-04	3.1E-04	2.39E-04	1.94E-04	5.29E-05
309	8.567E-04	1.48E-04	2.8E-04	2.13E-04	1.73E-04	4.71E-05
310	7.696E-04	1.33E-04	2.5E-04	1.91E-04	1.56E-04	4.23E-05
311	1.485E-03	2.57E-04	4.8E-04	3.71E-04	2.99E-04	8.19E-05
312	1.284E-03	2.22E-04	4.1E-04	3.20E-04	2.59E-04	7.08E-05
313	1.123E-03	1.94E-04	3.6E-04	2.80E-04	2.27E-04	6.19E-05
314	9.911E-04	1.72E-04	3.2E-04	2.47E-04	2.00E-04	5.45E-05
315	8.820E-04	1.53E-04	2.8E-04	2.19E-04	1.78E-04	4.85E-05
316	7.908E-04	1.37E-04	2.5E-04	1.97E-04	1.60E-04	4.35E-05
317	7.138E-04	1.24E-04	2.3E-04	1.77E-04	1.44E-04	3.92E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
1	1.660E-04	2.89E-05	5.36E-05	4.08E-05	3.37E-05	9.01E-06
2	1.735E-04	3.02E-05	5.60E-05	4.26E-05	3.53E-05	9.41E-06
3	1.759E-04	3.06E-05	5.68E-05	4.32E-05	3.57E-05	9.54E-06
4	2.413E-04	4.20E-05	7.79E-05	5.93E-05	4.90E-05	1.31E-05
5	2.529E-04	4.40E-05	8.16E-05	6.22E-05	5.13E-05	1.38E-05
6	2.642E-04	4.59E-05	8.52E-05	6.51E-05	5.36E-05	1.44E-05
7	2.751E-04	4.78E-05	8.87E-05	6.78E-05	5.58E-05	1.50E-05
8	2.855E-04	4.96E-05	9.20E-05	7.05E-05	5.79E-05	1.56E-05
9	2.953E-04	5.13E-05	9.51E-05	7.29E-05	5.98E-05	1.61E-05
10	3.048E-04	5.29E-05	9.81E-05	7.53E-05	6.17E-05	1.67E-05
11	3.143E-04	5.46E-05	1.01E-04	7.77E-05	6.37E-05	1.72E-05
12	3.246E-04	5.64E-05	1.05E-04	8.02E-05	6.58E-05	1.77E-05
13	3.370E-04	5.85E-05	1.09E-04	8.32E-05	6.83E-05	1.84E-05
14	3.508E-04	6.10E-05	1.13E-04	8.66E-05	7.11E-05	1.91E-05
15	3.674E-04	6.39E-05	1.18E-04	9.05E-05	7.45E-05	2.00E-05
16	3.882E-04	6.75E-05	1.25E-04	9.55E-05	7.88E-05	2.11E-05
17	4.131E-04	7.19E-05	1.33E-04	1.02E-04	8.39E-05	2.25E-05
18	4.412E-04	7.68E-05	1.42E-04	1.08E-04	8.96E-05	2.40E-05
19	4.720E-04	8.21E-05	1.52E-04	1.16E-04	9.58E-05	2.57E-05
20	5.040E-04	8.77E-05	1.63E-04	1.24E-04	1.02E-04	2.74E-05
21	5.352E-04	9.30E-05	1.72E-04	1.32E-04	1.08E-04	2.92E-05
22	5.637E-04	9.79E-05	1.81E-04	1.39E-04	1.14E-04	3.08E-05
23	5.877E-04	1.02E-04	1.89E-04	1.46E-04	1.19E-04	3.22E-05
24	6.058E-04	1.05E-04	1.95E-04	1.50E-04	1.22E-04	3.32E-05
25	6.168E-04	1.07E-04	1.98E-04	1.53E-04	1.25E-04	3.39E-05
26	1.783E-04	3.11E-05	5.76E-05	4.38E-05	3.62E-05	9.67E-06
27	1.868E-04	3.25E-05	6.03E-05	4.58E-05	3.80E-05	1.01E-05
28	1.896E-04	3.30E-05	6.12E-05	4.65E-05	3.85E-05	1.03E-05
29	2.662E-04	4.63E-05	8.59E-05	6.54E-05	5.40E-05	1.45E-05
30	2.806E-04	4.88E-05	9.05E-05	6.90E-05	5.69E-05	1.53E-05

Max	Receptor #
0.0076	239

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
31	2.947E-04	5.13E-05	9.50E-05	7.26E-05	5.98E-05	1.60E-05
32	3.085E-04	5.36E-05	9.94E-05	7.61E-05	6.26E-05	1.68E-05
33	3.216E-04	5.59E-05	1.04E-04	7.94E-05	6.52E-05	1.75E-05
34	3.341E-04	5.80E-05	1.08E-04	8.25E-05	6.77E-05	1.82E-05
35	3.461E-04	6.01E-05	1.11E-04	8.55E-05	7.01E-05	1.89E-05
36	3.580E-04	6.22E-05	1.15E-04	8.85E-05	7.25E-05	1.96E-05
37	3.718E-04	6.46E-05	1.20E-04	9.19E-05	7.53E-05	2.03E-05
38	3.874E-04	6.73E-05	1.25E-04	9.57E-05	7.85E-05	2.12E-05
39	4.048E-04	7.04E-05	1.30E-04	9.98E-05	8.21E-05	2.21E-05
40	4.266E-04	7.42E-05	1.38E-04	1.05E-04	8.65E-05	2.32E-05
41	4.542E-04	7.90E-05	1.47E-04	1.12E-04	9.22E-05	2.47E-05
42	4.865E-04	8.47E-05	1.57E-04	1.20E-04	9.88E-05	2.64E-05
43	5.230E-04	9.10E-05	1.69E-04	1.29E-04	1.06E-04	2.84E-05
44	5.621E-04	9.78E-05	1.81E-04	1.38E-04	1.14E-04	3.06E-05
45	6.011E-04	1.05E-04	1.94E-04	1.48E-04	1.22E-04	3.28E-05
46	6.374E-04	1.11E-04	2.05E-04	1.58E-04	1.29E-04	3.48E-05
47	6.683E-04	1.16E-04	2.15E-04	1.66E-04	1.35E-04	3.66E-05
48	6.915E-04	1.20E-04	2.22E-04	1.72E-04	1.40E-04	3.80E-05
49	7.057E-04	1.22E-04	2.27E-04	1.76E-04	1.43E-04	3.88E-05
50	7.102E-04	1.23E-04	2.28E-04	1.77E-04	1.43E-04	3.91E-05
51	1.921E-04	3.35E-05	6.20E-05	4.71E-05	3.90E-05	1.04E-05
52	2.018E-04	3.52E-05	6.52E-05	4.95E-05	4.10E-05	1.09E-05
53	2.054E-04	3.58E-05	6.63E-05	5.04E-05	4.17E-05	1.11E-05
54	2.952E-04	5.14E-05	9.53E-05	7.25E-05	6.00E-05	1.60E-05
55	3.131E-04	5.45E-05	1.01E-04	7.70E-05	6.36E-05	1.70E-05
56	3.310E-04	5.76E-05	1.07E-04	8.15E-05	6.72E-05	1.80E-05
57	3.486E-04	6.06E-05	1.12E-04	8.59E-05	7.07E-05	1.90E-05
58	3.655E-04	6.35E-05	1.18E-04	9.02E-05	7.41E-05	1.99E-05
59	3.816E-04	6.63E-05	1.23E-04	9.43E-05	7.73E-05	2.08E-05
60	3.972E-04	6.90E-05	1.28E-04	9.82E-05	8.04E-05	2.17E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
61	4.126E-04	7.16E-05	1.33E-04	1.02E-04	8.36E-05	2.26E-05
62	4.307E-04	7.48E-05	1.39E-04	1.06E-04	8.72E-05	2.35E-05
63	4.503E-04	7.82E-05	1.45E-04	1.11E-04	9.13E-05	2.46E-05
64	4.733E-04	8.23E-05	1.53E-04	1.17E-04	9.60E-05	2.58E-05
65	5.026E-04	8.74E-05	1.62E-04	1.24E-04	1.02E-04	2.73E-05
66	5.398E-04	9.40E-05	1.74E-04	1.33E-04	1.10E-04	2.93E-05
67	5.827E-04	1.01E-04	1.88E-04	1.43E-04	1.18E-04	3.17E-05
68	6.305E-04	1.10E-04	2.03E-04	1.55E-04	1.28E-04	3.43E-05
69	6.798E-04	1.18E-04	2.19E-04	1.68E-04	1.38E-04	3.70E-05
70	7.267E-04	1.26E-04	2.34E-04	1.80E-04	1.47E-04	3.97E-05
71	7.671E-04	1.33E-04	2.47E-04	1.90E-04	1.55E-04	4.20E-05
72	7.977E-04	1.38E-04	2.56E-04	1.98E-04	1.61E-04	4.38E-05
73	8.163E-04	1.41E-04	2.62E-04	2.03E-04	1.65E-04	4.49E-05
74	8.218E-04	1.42E-04	2.63E-04	2.05E-04	1.66E-04	4.53E-05
75	8.147E-04	1.41E-04	2.61E-04	2.04E-04	1.64E-04	4.50E-05
76	2.072E-04	3.61E-05	6.69E-05	5.08E-05	4.21E-05	1.12E-05
77	2.186E-04	3.81E-05	7.06E-05	5.36E-05	4.44E-05	1.18E-05
78	2.236E-04	3.90E-05	7.22E-05	5.48E-05	4.54E-05	1.21E-05
79	3.293E-04	5.74E-05	1.06E-04	8.08E-05	6.69E-05	1.79E-05
80	3.517E-04	6.12E-05	1.14E-04	8.64E-05	7.14E-05	1.91E-05
81	3.746E-04	6.52E-05	1.21E-04	9.21E-05	7.60E-05	2.04E-05
82	3.973E-04	6.91E-05	1.28E-04	9.79E-05	8.06E-05	2.16E-05
83	4.195E-04	7.29E-05	1.35E-04	1.03E-04	8.50E-05	2.29E-05
84	4.408E-04	7.66E-05	1.42E-04	1.09E-04	8.93E-05	2.41E-05
85	4.614E-04	8.01E-05	1.49E-04	1.14E-04	9.34E-05	2.52E-05
86	4.836E-04	8.40E-05	1.56E-04	1.20E-04	9.79E-05	2.64E-05
87	5.064E-04	8.79E-05	1.63E-04	1.25E-04	1.03E-04	2.77E-05
88	5.312E-04	9.23E-05	1.71E-04	1.31E-04	1.08E-04	2.90E-05
89	5.624E-04	9.78E-05	1.81E-04	1.39E-04	1.14E-04	3.06E-05
90	6.029E-04	1.05E-04	1.95E-04	1.48E-04	1.22E-04	3.28E-05



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
91	6.535E-04	1.14E-04	2.11E-04	1.61E-04	1.33E-04	3.55E-05
92	7.117E-04	1.24E-04	2.30E-04	1.75E-04	1.45E-04	3.87E-05
93	7.743E-04	1.35E-04	2.50E-04	1.91E-04	1.57E-04	4.21E-05
94	8.358E-04	1.45E-04	2.69E-04	2.06E-04	1.69E-04	4.56E-05
95	8.898E-04	1.54E-04	2.86E-04	2.20E-04	1.80E-04	4.87E-05
96	9.312E-04	1.61E-04	2.99E-04	2.31E-04	1.88E-04	5.11E-05
97	9.562E-04	1.65E-04	3.07E-04	2.38E-04	1.93E-04	5.27E-05
98	9.633E-04	1.66E-04	3.09E-04	2.41E-04	1.94E-04	5.32E-05
99	9.531E-04	1.65E-04	3.05E-04	2.39E-04	1.92E-04	5.28E-05
100	9.277E-04	1.60E-04	2.97E-04	2.33E-04	1.87E-04	5.14E-05
101	2.239E-04	3.90E-05	7.24E-05	5.49E-05	4.55E-05	1.21E-05
102	2.372E-04	4.14E-05	7.67E-05	5.81E-05	4.82E-05	1.28E-05
103	2.442E-04	4.26E-05	7.89E-05	5.99E-05	4.97E-05	1.32E-05
104	3.696E-04	6.44E-05	1.19E-04	9.06E-05	7.51E-05	2.00E-05
105	3.979E-04	6.93E-05	1.29E-04	9.76E-05	8.09E-05	2.16E-05
106	4.274E-04	7.44E-05	1.38E-04	1.05E-04	8.68E-05	2.32E-05
107	4.573E-04	7.96E-05	1.48E-04	1.13E-04	9.28E-05	2.49E-05
108	4.869E-04	8.47E-05	1.57E-04	1.20E-04	9.87E-05	2.65E-05
109	5.157E-04	8.96E-05	1.66E-04	1.27E-04	1.04E-04	2.81E-05
110	5.439E-04	9.45E-05	1.75E-04	1.34E-04	1.10E-04	2.97E-05
111	5.748E-04	9.98E-05	1.85E-04	1.42E-04	1.16E-04	3.14E-05
112	6.036E-04	1.05E-04	1.94E-04	1.49E-04	1.22E-04	3.30E-05
113	6.375E-04	1.11E-04	2.05E-04	1.57E-04	1.29E-04	3.48E-05
114	6.813E-04	1.19E-04	2.20E-04	1.68E-04	1.38E-04	3.71E-05
115	7.386E-04	1.29E-04	2.38E-04	1.81E-04	1.50E-04	4.01E-05
116	8.092E-04	1.41E-04	2.61E-04	1.99E-04	1.64E-04	4.39E-05
117	8.889E-04	1.55E-04	2.87E-04	2.18E-04	1.80E-04	4.83E-05
118	9.705E-04	1.69E-04	3.13E-04	2.39E-04	1.97E-04	5.29E-05
119	1.044E-03	1.81E-04	3.36E-04	2.58E-04	2.11E-04	5.71E-05
120	1.102E-03	1.91E-04	3.54E-04	2.74E-04	2.23E-04	6.05E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
121	1.137E-03	1.97E-04	3.64E-04	2.84E-04	2.29E-04	6.27E-05
122	1.146E-03	1.98E-04	3.67E-04	2.87E-04	2.31E-04	6.34E-05
123	1.131E-03	1.95E-04	3.62E-04	2.84E-04	2.28E-04	6.28E-05
124	1.096E-03	1.89E-04	3.50E-04	2.75E-04	2.20E-04	6.09E-05
125	2.420E-04	4.22E-05	7.82E-05	5.92E-05	4.92E-05	1.31E-05
126	2.578E-04	4.50E-05	8.33E-05	6.31E-05	5.24E-05	1.39E-05
127	2.673E-04	4.66E-05	8.64E-05	6.55E-05	5.44E-05	1.45E-05
128	4.538E-04	7.91E-05	1.47E-04	1.11E-04	9.23E-05	2.46E-05
129	4.923E-04	8.58E-05	1.59E-04	1.21E-04	1.00E-04	2.67E-05
130	5.324E-04	9.27E-05	1.72E-04	1.31E-04	1.08E-04	2.89E-05
131	5.727E-04	9.96E-05	1.85E-04	1.41E-04	1.16E-04	3.12E-05
132	6.122E-04	1.06E-04	1.97E-04	1.51E-04	1.24E-04	3.34E-05
133	6.532E-04	1.13E-04	2.10E-04	1.61E-04	1.32E-04	3.57E-05
134	6.934E-04	1.20E-04	2.23E-04	1.72E-04	1.40E-04	3.79E-05
135	7.333E-04	1.27E-04	2.36E-04	1.81E-04	1.49E-04	4.01E-05
136	7.814E-04	1.36E-04	2.52E-04	1.93E-04	1.58E-04	4.26E-05
137	8.449E-04	1.47E-04	2.73E-04	2.08E-04	1.72E-04	4.59E-05
138	9.287E-04	1.62E-04	3.00E-04	2.28E-04	1.89E-04	5.03E-05
139	1.029E-03	1.79E-04	3.32E-04	2.52E-04	2.09E-04	5.58E-05
140	1.138E-03	1.98E-04	3.67E-04	2.80E-04	2.31E-04	6.19E-05
141	1.242E-03	2.16E-04	4.00E-04	3.07E-04	2.52E-04	6.78E-05
142	1.324E-03	2.29E-04	4.25E-04	3.29E-04	2.68E-04	7.28E-05
143	1.375E-03	2.38E-04	4.41E-04	3.43E-04	2.77E-04	7.59E-05
144	1.388E-03	2.40E-04	4.44E-04	3.48E-04	2.79E-04	7.70E-05
145	1.366E-03	2.35E-04	4.37E-04	3.44E-04	2.75E-04	7.60E-05
146	1.314E-03	2.26E-04	4.20E-04	3.31E-04	2.64E-04	7.32E-05
147	2.616E-04	4.56E-05	8.46E-05	6.40E-05	5.32E-05	1.41E-05
148	2.803E-04	4.89E-05	9.07E-05	6.85E-05	5.70E-05	1.52E-05
149	2.937E-04	5.12E-05	9.50E-05	7.18E-05	5.98E-05	1.59E-05
150	5.223E-04	9.11E-05	1.69E-04	1.28E-04	1.06E-04	2.82E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
151	5.730E-04	9.99E-05	1.85E-04	1.40E-04	1.17E-04	3.10E-05
152	6.275E-04	1.09E-04	2.03E-04	1.54E-04	1.27E-04	3.40E-05
153	6.837E-04	1.19E-04	2.21E-04	1.68E-04	1.39E-04	3.72E-05
154	7.398E-04	1.29E-04	2.38E-04	1.82E-04	1.50E-04	4.03E-05
155	8.009E-04	1.39E-04	2.58E-04	1.98E-04	1.62E-04	4.37E-05
156	8.547E-04	1.48E-04	2.75E-04	2.11E-04	1.73E-04	4.67E-05
157	9.118E-04	1.58E-04	2.94E-04	2.25E-04	1.85E-04	4.98E-05
158	9.827E-04	1.71E-04	3.17E-04	2.42E-04	1.99E-04	5.35E-05
159	1.079E-03	1.88E-04	3.48E-04	2.65E-04	2.19E-04	5.85E-05
160	1.204E-03	2.10E-04	3.89E-04	2.95E-04	2.45E-04	6.52E-05
161	1.349E-03	2.35E-04	4.36E-04	3.31E-04	2.74E-04	7.31E-05
162	1.497E-03	2.60E-04	4.82E-04	3.69E-04	3.03E-04	8.16E-05
163	1.620E-03	2.81E-04	5.20E-04	4.02E-04	3.27E-04	8.89E-05
164	1.697E-03	2.93E-04	5.44E-04	4.24E-04	3.42E-04	9.38E-05
165	1.718E-03	2.96E-04	5.49E-04	4.32E-04	3.45E-04	9.54E-05
166	1.684E-03	2.90E-04	5.37E-04	4.25E-04	3.38E-04	9.39E-05
167	1.607E-03	2.76E-04	5.12E-04	4.06E-04	3.22E-04	8.98E-05
168	1.500E-03	2.58E-04	4.78E-04	3.80E-04	3.01E-04	8.39E-05
169	2.826E-04	4.93E-05	9.15E-05	6.90E-05	5.75E-05	1.53E-05
170	3.047E-04	5.32E-05	9.86E-05	7.44E-05	6.20E-05	1.64E-05
171	3.235E-04	5.65E-05	1.05E-04	7.90E-05	6.59E-05	1.75E-05
172	3.424E-04	5.98E-05	1.11E-04	8.36E-05	6.97E-05	1.85E-05
173	6.073E-04	1.06E-04	1.97E-04	1.48E-04	1.24E-04	3.28E-05
174	6.750E-04	1.18E-04	2.18E-04	1.65E-04	1.37E-04	3.65E-05
175	7.505E-04	1.31E-04	2.43E-04	1.84E-04	1.53E-04	4.06E-05
176	8.307E-04	1.45E-04	2.68E-04	2.04E-04	1.69E-04	4.51E-05
177	9.150E-04	1.59E-04	2.95E-04	2.25E-04	1.86E-04	4.98E-05
178	1.002E-03	1.74E-04	3.23E-04	2.48E-04	2.03E-04	5.47E-05
179	1.082E-03	1.88E-04	3.48E-04	2.67E-04	2.19E-04	5.91E-05
180	1.168E-03	2.03E-04	3.76E-04	2.88E-04	2.37E-04	6.37E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
181	1.276E-03	2.22E-04	4.12E-04	3.14E-04	2.59E-04	6.93E-05
182	1.428E-03	2.49E-04	4.62E-04	3.49E-04	2.90E-04	7.72E-05
183	2.129E-03	3.66E-04	6.78E-04	5.39E-04	4.27E-04	1.19E-04
184	2.010E-03	3.45E-04	6.40E-04	5.10E-04	4.02E-04	1.13E-04
185	3.307E-04	5.78E-05	1.07E-04	8.06E-05	6.74E-05	1.78E-05
186	3.558E-04	6.22E-05	1.15E-04	8.68E-05	7.25E-05	1.92E-05
187	3.787E-04	6.62E-05	1.23E-04	9.24E-05	7.72E-05	2.04E-05
188	7.136E-04	1.25E-04	2.31E-04	1.74E-04	1.45E-04	3.85E-05
189	8.056E-04	1.41E-04	2.61E-04	1.97E-04	1.64E-04	4.34E-05
190	9.119E-04	1.59E-04	2.95E-04	2.23E-04	1.86E-04	4.92E-05
191	1.030E-03	1.80E-04	3.33E-04	2.52E-04	2.10E-04	5.58E-05
192	1.164E-03	2.03E-04	3.76E-04	2.86E-04	2.36E-04	6.32E-05
193	1.292E-03	2.25E-04	4.16E-04	3.19E-04	2.62E-04	7.04E-05
194	1.416E-03	2.46E-04	4.56E-04	3.50E-04	2.87E-04	7.73E-05
195	1.550E-03	2.70E-04	5.00E-04	3.82E-04	3.14E-04	8.45E-05
196	1.727E-03	3.01E-04	5.58E-04	4.23E-04	3.51E-04	9.35E-05
197	1.980E-03	3.46E-04	6.41E-04	4.83E-04	4.03E-04	1.07E-04
198	3.872E-04	6.77E-05	1.26E-04	9.43E-05	7.90E-05	2.08E-05
199	4.208E-04	7.36E-05	1.36E-04	1.02E-04	8.58E-05	2.26E-05
200	4.218E-04	7.38E-05	1.37E-04	1.02E-04	8.61E-05	2.27E-05
201	4.653E-04	8.14E-05	1.51E-04	1.13E-04	9.50E-05	2.50E-05
202	5.074E-04	8.88E-05	1.65E-04	1.23E-04	1.04E-04	2.72E-05
203	5.092E-04	8.92E-05	1.65E-04	1.23E-04	1.04E-04	2.73E-05
204	5.705E-04	1.00E-04	1.85E-04	1.38E-04	1.17E-04	3.05E-05
205	6.366E-04	1.12E-04	2.07E-04	1.54E-04	1.30E-04	3.40E-05
206	6.306E-04	1.11E-04	2.05E-04	1.52E-04	1.29E-04	3.36E-05
207	7.163E-04	1.26E-04	2.33E-04	1.73E-04	1.47E-04	3.82E-05
208	8.212E-04	1.44E-04	2.67E-04	1.98E-04	1.68E-04	4.37E-05
209	6.921E-04	1.22E-04	2.25E-04	1.67E-04	1.42E-04	3.68E-05
210	8.033E-04	1.41E-04	2.62E-04	1.93E-04	1.65E-04	4.27E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
211	9.306E-04	1.64E-04	3.03E-04	2.23E-04	1.91E-04	4.93E-05
212	8.922E-04	1.57E-04	2.91E-04	2.14E-04	1.83E-04	4.73E-05
213	1.062E-03	1.87E-04	3.47E-04	2.54E-04	2.18E-04	5.61E-05
214	1.262E-03	2.23E-04	4.13E-04	3.01E-04	2.60E-04	6.65E-05
215	9.928E-04	1.75E-04	3.24E-04	2.38E-04	2.04E-04	5.25E-05
216	1.196E-03	2.11E-04	3.91E-04	2.85E-04	2.46E-04	6.31E-05
217	1.444E-03	2.55E-04	4.73E-04	3.43E-04	2.98E-04	7.58E-05
218	1.651E-03	2.92E-04	5.41E-04	3.91E-04	3.40E-04	8.65E-05
219	2.098E-03	3.72E-04	6.89E-04	4.94E-04	4.34E-04	1.09E-04
220	1.853E-03	3.28E-04	6.08E-04	4.38E-04	3.82E-04	9.69E-05
221	2.341E-03	4.15E-04	7.69E-04	5.51E-04	4.84E-04	1.22E-04
222	1.985E-03	3.51E-04	6.51E-04	4.69E-04	4.10E-04	1.04E-04
223	2.479E-03	4.39E-04	8.15E-04	5.83E-04	5.13E-04	1.29E-04
224	3.199E-03	5.69E-04	1.05E-03	7.47E-04	6.63E-04	1.65E-04
225	2.457E-03	4.36E-04	8.07E-04	5.78E-04	5.08E-04	1.28E-04
226	3.031E-03	5.38E-04	9.98E-04	7.09E-04	6.28E-04	1.57E-04
227	6.411E-04	1.11E-04	2.06E-04	1.60E-04	1.29E-04	3.53E-05
228	5.582E-04	9.66E-05	1.79E-04	1.39E-04	1.13E-04	3.07E-05
229	4.904E-04	8.49E-05	1.57E-04	1.22E-04	9.90E-05	2.70E-05
230	4.343E-04	7.52E-05	1.39E-04	1.08E-04	8.77E-05	2.39E-05
231	5.712E-04	9.89E-05	1.83E-04	1.42E-04	1.15E-04	3.14E-05
232	5.026E-04	8.70E-05	1.61E-04	1.25E-04	1.02E-04	2.76E-05
233	4.456E-04	7.72E-05	1.43E-04	1.11E-04	9.00E-05	2.45E-05
234	3.977E-04	6.89E-05	1.28E-04	9.89E-05	8.03E-05	2.19E-05
235	5.106E-04	8.85E-05	1.64E-04	1.27E-04	1.03E-04	2.81E-05
236	4.538E-04	7.86E-05	1.46E-04	1.13E-04	9.17E-05	2.49E-05
237	4.058E-04	7.03E-05	1.30E-04	1.01E-04	8.20E-05	2.23E-05
238	3.649E-04	6.32E-05	1.17E-04	9.07E-05	7.38E-05	2.00E-05
239	7.589E-03	1.33E-03	2.46E-03	1.84E-03	1.55E-03	4.07E-04
240	6.360E-03	1.11E-03	2.06E-03	1.56E-03	1.29E-03	3.45E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
241	5.342E-03	9.28E-04	1.72E-03	1.32E-03	1.08E-03	2.92E-04
242	4.508E-03	7.81E-04	1.45E-03	1.12E-03	9.11E-04	2.48E-04
243	5.872E-03	1.03E-03	1.91E-03	1.42E-03	1.20E-03	3.15E-04
244	5.060E-03	8.82E-04	1.64E-03	1.24E-03	1.03E-03	2.74E-04
245	4.358E-03	7.58E-04	1.40E-03	1.07E-03	8.84E-04	2.37E-04
246	3.759E-03	6.52E-04	1.21E-03	9.31E-04	7.61E-04	2.06E-04
247	4.665E-03	8.16E-04	1.51E-03	1.13E-03	9.52E-04	2.50E-04
248	4.107E-03	7.16E-04	1.33E-03	1.00E-03	8.36E-04	2.22E-04
249	3.608E-03	6.28E-04	1.16E-03	8.88E-04	7.32E-04	1.96E-04
250	3.168E-03	5.50E-04	1.02E-03	7.83E-04	6.42E-04	1.73E-04
251	1.478E-03	2.57E-04	4.76E-04	3.65E-04	2.99E-04	8.07E-05
252	1.356E-03	2.35E-04	4.36E-04	3.36E-04	2.75E-04	7.42E-05
253	1.664E-03	2.90E-04	5.38E-04	4.08E-04	3.38E-04	9.01E-05
254	1.543E-03	2.69E-04	4.98E-04	3.79E-04	3.13E-04	8.37E-05
255	1.320E-03	2.29E-04	4.25E-04	3.26E-04	2.68E-04	7.20E-05
256	1.219E-03	2.12E-04	3.93E-04	3.02E-04	2.47E-04	6.67E-05
257	9.633E-04	1.67E-04	3.10E-04	2.39E-04	1.95E-04	5.28E-05
258	1.464E-03	2.55E-04	4.73E-04	3.58E-04	2.98E-04	7.92E-05
259	1.366E-03	2.38E-04	4.41E-04	3.35E-04	2.78E-04	7.41E-05
260	1.273E-03	2.21E-04	4.11E-04	3.13E-04	2.58E-04	6.92E-05
261	1.184E-03	2.06E-04	3.82E-04	2.92E-04	2.40E-04	6.45E-05
262	1.101E-03	1.91E-04	3.55E-04	2.72E-04	2.23E-04	6.01E-05
263	8.843E-04	1.53E-04	2.84E-04	2.19E-04	1.79E-04	4.85E-05
264	1.217E-03	2.12E-04	3.93E-04	2.99E-04	2.47E-04	6.60E-05
265	1.140E-03	1.98E-04	3.68E-04	2.80E-04	2.32E-04	6.20E-05
266	1.067E-03	1.86E-04	3.44E-04	2.63E-04	2.16E-04	5.81E-05
267	9.977E-04	1.73E-04	3.21E-04	2.46E-04	2.02E-04	5.44E-05
268	8.139E-04	1.41E-04	2.62E-04	2.02E-04	1.65E-04	4.46E-05
269	1.411E-03	2.43E-04	4.50E-04	3.57E-04	2.83E-04	7.88E-05
270	1.160E-03	2.00E-04	3.70E-04	2.92E-04	2.33E-04	6.46E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
271	9.685E-04	1.67E-04	3.10E-04	2.43E-04	1.95E-04	5.38E-05
272	8.193E-04	1.41E-04	2.62E-04	2.05E-04	1.65E-04	4.54E-05
273	7.015E-04	1.21E-04	2.25E-04	1.76E-04	1.41E-04	3.88E-05
274	6.073E-04	1.05E-04	1.95E-04	1.52E-04	1.22E-04	3.35E-05
275	5.310E-04	9.18E-05	1.70E-04	1.33E-04	1.07E-04	2.93E-05
276	1.260E-03	2.17E-04	4.02E-04	3.17E-04	2.53E-04	7.01E-05
277	1.038E-03	1.79E-04	3.32E-04	2.61E-04	2.09E-04	5.76E-05
278	8.695E-04	1.50E-04	2.78E-04	2.18E-04	1.75E-04	4.82E-05
279	7.384E-04	1.28E-04	2.37E-04	1.85E-04	1.49E-04	4.08E-05
280	6.350E-04	1.10E-04	2.04E-04	1.59E-04	1.28E-04	3.51E-05
281	5.522E-04	9.55E-05	1.77E-04	1.38E-04	1.11E-04	3.04E-05
282	4.849E-04	8.39E-05	1.56E-04	1.21E-04	9.79E-05	2.67E-05
283	1.105E-03	1.91E-04	3.53E-04	2.77E-04	2.22E-04	6.12E-05
284	9.169E-04	1.58E-04	2.94E-04	2.30E-04	1.85E-04	5.07E-05
285	7.734E-04	1.34E-04	2.48E-04	1.93E-04	1.56E-04	4.27E-05
286	6.614E-04	1.14E-04	2.12E-04	1.65E-04	1.33E-04	3.65E-05
287	5.725E-04	9.90E-05	1.84E-04	1.43E-04	1.16E-04	3.16E-05
288	5.008E-04	8.67E-05	1.61E-04	1.25E-04	1.01E-04	2.76E-05
289	4.423E-04	7.66E-05	1.42E-04	1.10E-04	8.93E-05	2.43E-05
290	9.619E-04	1.66E-04	3.08E-04	2.41E-04	1.94E-04	5.32E-05
291	8.069E-04	1.39E-04	2.59E-04	2.02E-04	1.63E-04	4.46E-05
292	6.869E-04	1.19E-04	2.20E-04	1.71E-04	1.39E-04	3.79E-05
293	5.923E-04	1.02E-04	1.90E-04	1.48E-04	1.20E-04	3.26E-05
294	5.165E-04	8.94E-05	1.66E-04	1.29E-04	1.04E-04	2.84E-05
295	4.549E-04	7.88E-05	1.46E-04	1.13E-04	9.19E-05	2.50E-05
296	4.041E-04	7.00E-05	1.30E-04	1.01E-04	8.16E-05	2.22E-05
297	8.407E-04	1.45E-04	2.69E-04	2.10E-04	1.70E-04	4.64E-05
298	7.131E-04	1.23E-04	2.29E-04	1.78E-04	1.44E-04	3.93E-05
299	6.129E-04	1.06E-04	1.97E-04	1.53E-04	1.24E-04	3.38E-05
300	5.329E-04	9.22E-05	1.71E-04	1.33E-04	1.08E-04	2.93E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
301	4.682E-04	8.11E-05	1.50E-04	1.17E-04	9.45E-05	2.58E-05
302	4.150E-04	7.19E-05	1.33E-04	1.03E-04	8.38E-05	2.28E-05
303	3.708E-04	6.42E-05	1.19E-04	9.22E-05	7.49E-05	2.04E-05
304	7.412E-04	1.28E-04	2.38E-04	1.85E-04	1.49E-04	4.09E-05
305	6.352E-04	1.10E-04	2.04E-04	1.58E-04	1.28E-04	3.50E-05
306	5.509E-04	9.53E-05	1.77E-04	1.37E-04	1.11E-04	3.04E-05
307	4.828E-04	8.36E-05	1.55E-04	1.20E-04	9.75E-05	2.66E-05
308	4.270E-04	7.39E-05	1.37E-04	1.06E-04	8.62E-05	2.35E-05
309	3.808E-04	6.59E-05	1.22E-04	9.47E-05	7.69E-05	2.09E-05
310	3.421E-04	5.93E-05	1.10E-04	8.50E-05	6.91E-05	1.88E-05
311	6.598E-04	1.14E-04	2.12E-04	1.65E-04	1.33E-04	3.64E-05
312	5.708E-04	9.87E-05	1.83E-04	1.42E-04	1.15E-04	3.15E-05
313	4.991E-04	8.64E-05	1.60E-04	1.24E-04	1.01E-04	2.75E-05
314	4.405E-04	7.63E-05	1.41E-04	1.10E-04	8.89E-05	2.42E-05
315	3.920E-04	6.79E-05	1.26E-04	9.75E-05	7.92E-05	2.16E-05
316	3.515E-04	6.09E-05	1.13E-04	8.74E-05	7.10E-05	1.93E-05
317	3.173E-04	5.50E-05	1.02E-04	7.88E-05	6.41E-05	1.74E-05



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Parcel 4-D: Unmitigated - Parcel 4 - Site Preparation Risk



**RINCON CONSULTANTS, INC.**  
Environmental Scientists | Planners | Engineers  
[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL			
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million		
1	0.05064	2.86E-03	1.4E-04	1.05E-03	1.51E-07	4.31E-04	6.51E-11	1.0E+06	6.5E-05	Max 0.003	Receptor # 239	5
2	0.05293	2.86E-03	1.5E-04	1.05E-03	1.58E-07	4.31E-04	6.80E-11	1.0E+06	6.8E-05			5
3	0.05366	2.86E-03	1.5E-04	1.05E-03	1.60E-07	4.31E-04	6.89E-11	1.0E+06	6.9E-05			5
4	0.07354	2.86E-03	2.1E-04	1.05E-03	2.19E-07	4.31E-04	9.45E-11	1.0E+06	9.4E-05			5
5	0.07704	2.86E-03	2.2E-04	1.05E-03	2.30E-07	4.31E-04	9.90E-11	1.0E+06	9.9E-05			5
6	0.08046	2.86E-03	2.3E-04	1.05E-03	2.40E-07	4.31E-04	1.03E-10	1.0E+06	1.0E-04			5
7	0.08374	2.86E-03	2.4E-04	1.05E-03	2.50E-07	4.31E-04	1.08E-10	1.0E+06	1.1E-04			5
8	0.08686	2.86E-03	2.5E-04	1.05E-03	2.59E-07	4.31E-04	1.12E-10	1.0E+06	1.1E-04			5
9	0.08982	2.86E-03	2.6E-04	1.05E-03	2.68E-07	4.31E-04	1.15E-10	1.0E+06	1.2E-04			5
10	0.09269	2.86E-03	2.6E-04	1.05E-03	2.77E-07	4.31E-04	1.19E-10	1.0E+06	1.2E-04			5
11	0.09559	2.86E-03	2.7E-04	1.05E-03	2.85E-07	4.31E-04	1.23E-10	1.0E+06	1.2E-04			5
12	0.09874	2.86E-03	2.8E-04	1.05E-03	2.95E-07	4.31E-04	1.27E-10	1.0E+06	1.3E-04			5
13	0.10251	2.86E-03	2.9E-04	1.05E-03	3.06E-07	4.31E-04	1.32E-10	1.0E+06	1.3E-04			5
14	0.10678	2.86E-03	3.0E-04	1.05E-03	3.19E-07	4.31E-04	1.37E-10	1.0E+06	1.4E-04			5
15	0.11189	2.86E-03	3.2E-04	1.05E-03	3.34E-07	4.31E-04	1.44E-10	1.0E+06	1.4E-04			5
16	0.11829	2.86E-03	3.4E-04	1.05E-03	3.53E-07	4.31E-04	1.52E-10	1.0E+06	1.5E-04			5
17	0.12591	2.86E-03	3.6E-04	1.05E-03	3.76E-07	4.31E-04	1.62E-10	1.0E+06	1.6E-04			5
18	0.13449	2.86E-03	3.8E-04	1.05E-03	4.01E-07	4.31E-04	1.73E-10	1.0E+06	1.7E-04			5
19	0.14384	2.86E-03	4.1E-04	1.05E-03	4.29E-07	4.31E-04	1.85E-10	1.0E+06	1.8E-04			5
20	0.1535	2.86E-03	4.4E-04	1.05E-03	4.58E-07	4.31E-04	1.97E-10	1.0E+06	2.0E-04			5
21	0.16289	2.86E-03	4.7E-04	1.05E-03	4.86E-07	4.31E-04	2.09E-10	1.0E+06	2.1E-04			5
22	0.17143	2.86E-03	4.9E-04	1.05E-03	5.12E-07	4.31E-04	2.20E-10	1.0E+06	2.2E-04			5
23	0.17858	2.86E-03	5.1E-04	1.05E-03	5.33E-07	4.31E-04	2.29E-10	1.0E+06	2.3E-04			5
24	0.1839	2.86E-03	5.3E-04	1.05E-03	5.49E-07	4.31E-04	2.36E-10	1.0E+06	2.4E-04			5
25	0.18711	2.86E-03	5.3E-04	1.05E-03	5.58E-07	4.31E-04	2.40E-10	1.0E+06	2.4E-04			5
26	0.0544	2.86E-03	1.6E-04	1.05E-03	1.62E-07	4.31E-04	6.99E-11	1.0E+06	7.0E-05			5
27	0.05699	2.86E-03	1.6E-04	1.05E-03	1.70E-07	4.31E-04	7.32E-11	1.0E+06	7.3E-05			5
28	0.05785	2.86E-03	1.7E-04	1.05E-03	1.73E-07	4.31E-04	7.43E-11	1.0E+06	7.4E-05			5
29	0.08115	2.86E-03	2.3E-04	1.05E-03	2.42E-07	4.31E-04	1.04E-10	1.0E+06	1.0E-04			5
30	0.0855	2.86E-03	2.4E-04	1.05E-03	2.55E-07	4.31E-04	1.10E-10	1.0E+06	1.1E-04			5
31	0.08978	2.86E-03	2.6E-04	1.05E-03	2.68E-07	4.31E-04	1.15E-10	1.0E+06	1.2E-04			5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
32	0.09393	2.86E-03	2.7E-04	1.05E-03	2.80E-07	4.31E-04	1.21E-10	1.0E+06	1.2E-04	5
33	0.09787	2.86E-03	2.8E-04	1.05E-03	2.92E-07	4.31E-04	1.26E-10	1.0E+06	1.3E-04	5
34	0.10162	2.86E-03	2.9E-04	1.05E-03	3.03E-07	4.31E-04	1.31E-10	1.0E+06	1.3E-04	5
35	0.10524	2.86E-03	3.0E-04	1.05E-03	3.14E-07	4.31E-04	1.35E-10	1.0E+06	1.4E-04	5
36	0.10888	2.86E-03	3.1E-04	1.05E-03	3.25E-07	4.31E-04	1.40E-10	1.0E+06	1.4E-04	5
37	0.11307	2.86E-03	3.2E-04	1.05E-03	3.37E-07	4.31E-04	1.45E-10	1.0E+06	1.5E-04	5
38	0.11787	2.86E-03	3.4E-04	1.05E-03	3.52E-07	4.31E-04	1.51E-10	1.0E+06	1.5E-04	5
39	0.12322	2.86E-03	3.5E-04	1.05E-03	3.68E-07	4.31E-04	1.58E-10	1.0E+06	1.6E-04	5
40	0.12993	2.86E-03	3.7E-04	1.05E-03	3.88E-07	4.31E-04	1.67E-10	1.0E+06	1.7E-04	5
41	0.13843	2.86E-03	4.0E-04	1.05E-03	4.13E-07	4.31E-04	1.78E-10	1.0E+06	1.8E-04	5
42	0.14831	2.86E-03	4.2E-04	1.05E-03	4.43E-07	4.31E-04	1.91E-10	1.0E+06	1.9E-04	5
43	0.15943	2.86E-03	4.6E-04	1.05E-03	4.76E-07	4.31E-04	2.05E-10	1.0E+06	2.0E-04	5
44	0.17125	2.86E-03	4.9E-04	1.05E-03	5.11E-07	4.31E-04	2.20E-10	1.0E+06	2.2E-04	5
45	0.18301	2.86E-03	5.2E-04	1.05E-03	5.46E-07	4.31E-04	2.35E-10	1.0E+06	2.4E-04	5
46	0.19387	2.86E-03	5.5E-04	1.05E-03	5.79E-07	4.31E-04	2.49E-10	1.0E+06	2.5E-04	5
47	0.20305	2.86E-03	5.8E-04	1.05E-03	6.06E-07	4.31E-04	2.61E-10	1.0E+06	2.6E-04	5
48	0.2099	2.86E-03	6.0E-04	1.05E-03	6.26E-07	4.31E-04	2.70E-10	1.0E+06	2.7E-04	5
49	0.214	2.86E-03	6.1E-04	1.05E-03	6.39E-07	4.31E-04	2.75E-10	1.0E+06	2.7E-04	5
50	0.21519	2.86E-03	6.1E-04	1.05E-03	6.42E-07	4.31E-04	2.76E-10	1.0E+06	2.8E-04	5
51	0.0586	2.86E-03	1.7E-04	1.05E-03	1.75E-07	4.31E-04	7.53E-11	1.0E+06	7.5E-05	5
52	0.06157	2.86E-03	1.8E-04	1.05E-03	1.84E-07	4.31E-04	7.91E-11	1.0E+06	7.9E-05	5
53	0.06266	2.86E-03	1.8E-04	1.05E-03	1.87E-07	4.31E-04	8.05E-11	1.0E+06	8.1E-05	5
54	0.09004	2.86E-03	2.6E-04	1.05E-03	2.69E-07	4.31E-04	1.16E-10	1.0E+06	1.2E-04	5
55	0.09545	2.86E-03	2.7E-04	1.05E-03	2.85E-07	4.31E-04	1.23E-10	1.0E+06	1.2E-04	5
56	0.10086	2.86E-03	2.9E-04	1.05E-03	3.01E-07	4.31E-04	1.30E-10	1.0E+06	1.3E-04	5
57	0.10616	2.86E-03	3.0E-04	1.05E-03	3.17E-07	4.31E-04	1.36E-10	1.0E+06	1.4E-04	5
58	0.11123	2.86E-03	3.2E-04	1.05E-03	3.32E-07	4.31E-04	1.43E-10	1.0E+06	1.4E-04	5
59	0.11609	2.86E-03	3.3E-04	1.05E-03	3.46E-07	4.31E-04	1.49E-10	1.0E+06	1.5E-04	5
60	0.12078	2.86E-03	3.4E-04	1.05E-03	3.60E-07	4.31E-04	1.55E-10	1.0E+06	1.6E-04	5
61	0.12546	2.86E-03	3.6E-04	1.05E-03	3.74E-07	4.31E-04	1.61E-10	1.0E+06	1.6E-04	5
62	0.13098	2.86E-03	3.7E-04	1.05E-03	3.91E-07	4.31E-04	1.68E-10	1.0E+06	1.7E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
63	0.13702	2.86E-03	3.9E-04	1.05E-03	4.09E-07	4.31E-04	1.76E-10	1.0E+06	1.8E-04	5
64	0.14412	2.86E-03	4.1E-04	1.05E-03	4.30E-07	4.31E-04	1.85E-10	1.0E+06	1.9E-04	5
65	0.15313	2.86E-03	4.4E-04	1.05E-03	4.57E-07	4.31E-04	1.97E-10	1.0E+06	2.0E-04	5
66	0.16455	2.86E-03	4.7E-04	1.05E-03	4.91E-07	4.31E-04	2.11E-10	1.0E+06	2.1E-04	5
67	0.17767	2.86E-03	5.1E-04	1.05E-03	5.30E-07	4.31E-04	2.28E-10	1.0E+06	2.3E-04	5
68	0.19216	2.86E-03	5.5E-04	1.05E-03	5.73E-07	4.31E-04	2.47E-10	1.0E+06	2.5E-04	5
69	0.20703	2.86E-03	5.9E-04	1.05E-03	6.18E-07	4.31E-04	2.66E-10	1.0E+06	2.7E-04	5
70	0.22106	2.86E-03	6.3E-04	1.05E-03	6.60E-07	4.31E-04	2.84E-10	1.0E+06	2.8E-04	5
71	0.23308	2.86E-03	6.7E-04	1.05E-03	6.96E-07	4.31E-04	2.99E-10	1.0E+06	3.0E-04	5
72	0.24209	2.86E-03	6.9E-04	1.05E-03	7.22E-07	4.31E-04	3.11E-10	1.0E+06	3.1E-04	5
73	0.24745	2.86E-03	7.1E-04	1.05E-03	7.38E-07	4.31E-04	3.18E-10	1.0E+06	3.2E-04	5
74	0.24889	2.86E-03	7.1E-04	1.05E-03	7.43E-07	4.31E-04	3.20E-10	1.0E+06	3.2E-04	5
75	0.24655	2.86E-03	7.0E-04	1.05E-03	7.36E-07	4.31E-04	3.17E-10	1.0E+06	3.2E-04	5
76	0.06324	2.86E-03	1.8E-04	1.05E-03	1.89E-07	4.31E-04	8.12E-11	1.0E+06	8.1E-05	5
77	0.0667	2.86E-03	1.9E-04	1.05E-03	1.99E-07	4.31E-04	8.57E-11	1.0E+06	8.6E-05	5
78	0.06822	2.86E-03	1.9E-04	1.05E-03	2.04E-07	4.31E-04	8.76E-11	1.0E+06	8.8E-05	5
79	0.10046	2.86E-03	2.9E-04	1.05E-03	3.00E-07	4.31E-04	1.29E-10	1.0E+06	1.3E-04	5
80	0.10726	2.86E-03	3.1E-04	1.05E-03	3.20E-07	4.31E-04	1.38E-10	1.0E+06	1.4E-04	5
81	0.11416	2.86E-03	3.3E-04	1.05E-03	3.41E-07	4.31E-04	1.47E-10	1.0E+06	1.5E-04	5
82	0.12101	2.86E-03	3.5E-04	1.05E-03	3.61E-07	4.31E-04	1.55E-10	1.0E+06	1.6E-04	5
83	0.12768	2.86E-03	3.6E-04	1.05E-03	3.81E-07	4.31E-04	1.64E-10	1.0E+06	1.6E-04	5
84	0.1341	2.86E-03	3.8E-04	1.05E-03	4.00E-07	4.31E-04	1.72E-10	1.0E+06	1.7E-04	5
85	0.1403	2.86E-03	4.0E-04	1.05E-03	4.19E-07	4.31E-04	1.80E-10	1.0E+06	1.8E-04	5
86	0.14704	2.86E-03	4.2E-04	1.05E-03	4.39E-07	4.31E-04	1.89E-10	1.0E+06	1.9E-04	5
87	0.15399	2.86E-03	4.4E-04	1.05E-03	4.60E-07	4.31E-04	1.98E-10	1.0E+06	2.0E-04	5
88	0.16164	2.86E-03	4.6E-04	1.05E-03	4.82E-07	4.31E-04	2.08E-10	1.0E+06	2.1E-04	5
89	0.17129	2.86E-03	4.9E-04	1.05E-03	5.11E-07	4.31E-04	2.20E-10	1.0E+06	2.2E-04	5
90	0.18378	2.86E-03	5.2E-04	1.05E-03	5.48E-07	4.31E-04	2.36E-10	1.0E+06	2.4E-04	5
91	0.1993	2.86E-03	5.7E-04	1.05E-03	5.95E-07	4.31E-04	2.56E-10	1.0E+06	2.6E-04	5
92	0.21702	2.86E-03	6.2E-04	1.05E-03	6.48E-07	4.31E-04	2.79E-10	1.0E+06	2.8E-04	5
93	0.23593	2.86E-03	6.7E-04	1.05E-03	7.04E-07	4.31E-04	3.03E-10	1.0E+06	3.0E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
94	0.25434	2.86E-03	7.3E-04	1.05E-03	7.59E-07	4.31E-04	3.27E-10	1.0E+06	3.3E-04	5
95	0.2704	2.86E-03	7.7E-04	1.05E-03	8.07E-07	4.31E-04	3.47E-10	1.0E+06	3.5E-04	5
96	0.28256	2.86E-03	8.1E-04	1.05E-03	8.43E-07	4.31E-04	3.63E-10	1.0E+06	3.6E-04	5
97	0.28975	2.86E-03	8.3E-04	1.05E-03	8.65E-07	4.31E-04	3.72E-10	1.0E+06	3.7E-04	5
98	0.29157	2.86E-03	8.3E-04	1.05E-03	8.70E-07	4.31E-04	3.75E-10	1.0E+06	3.7E-04	5
99	0.28821	2.86E-03	8.2E-04	1.05E-03	8.60E-07	4.31E-04	3.70E-10	1.0E+06	3.7E-04	5
100	0.28034	2.86E-03	8.0E-04	1.05E-03	8.37E-07	4.31E-04	3.60E-10	1.0E+06	3.6E-04	5
101	0.06835	2.86E-03	2.0E-04	1.05E-03	2.04E-07	4.31E-04	8.78E-11	1.0E+06	8.8E-05	5
102	0.07242	2.86E-03	2.1E-04	1.05E-03	2.16E-07	4.31E-04	9.30E-11	1.0E+06	9.3E-05	5
103	0.07455	2.86E-03	2.1E-04	1.05E-03	2.22E-07	4.31E-04	9.58E-11	1.0E+06	9.6E-05	5
104	0.11282	2.86E-03	3.2E-04	1.05E-03	3.37E-07	4.31E-04	1.45E-10	1.0E+06	1.4E-04	5
105	0.1214	2.86E-03	3.5E-04	1.05E-03	3.62E-07	4.31E-04	1.56E-10	1.0E+06	1.6E-04	5
106	0.13032	2.86E-03	3.7E-04	1.05E-03	3.89E-07	4.31E-04	1.67E-10	1.0E+06	1.7E-04	5
107	0.13935	2.86E-03	4.0E-04	1.05E-03	4.16E-07	4.31E-04	1.79E-10	1.0E+06	1.8E-04	5
108	0.14826	2.86E-03	4.2E-04	1.05E-03	4.42E-07	4.31E-04	1.90E-10	1.0E+06	1.9E-04	5
109	0.1569	2.86E-03	4.5E-04	1.05E-03	4.68E-07	4.31E-04	2.02E-10	1.0E+06	2.0E-04	5
110	0.16542	2.86E-03	4.7E-04	1.05E-03	4.94E-07	4.31E-04	2.13E-10	1.0E+06	2.1E-04	5
111	0.17476	2.86E-03	5.0E-04	1.05E-03	5.22E-07	4.31E-04	2.25E-10	1.0E+06	2.2E-04	5
112	0.18356	2.86E-03	5.2E-04	1.05E-03	5.48E-07	4.31E-04	2.36E-10	1.0E+06	2.4E-04	5
113	0.19404	2.86E-03	5.5E-04	1.05E-03	5.79E-07	4.31E-04	2.49E-10	1.0E+06	2.5E-04	5
114	0.20759	2.86E-03	5.9E-04	1.05E-03	6.19E-07	4.31E-04	2.67E-10	1.0E+06	2.7E-04	5
115	0.22525	2.86E-03	6.4E-04	1.05E-03	6.72E-07	4.31E-04	2.89E-10	1.0E+06	2.9E-04	5
116	0.24686	2.86E-03	7.0E-04	1.05E-03	7.37E-07	4.31E-04	3.17E-10	1.0E+06	3.2E-04	5
117	0.27101	2.86E-03	7.7E-04	1.05E-03	8.09E-07	4.31E-04	3.48E-10	1.0E+06	3.5E-04	5
118	0.29549	2.86E-03	8.4E-04	1.05E-03	8.82E-07	4.31E-04	3.80E-10	1.0E+06	3.8E-04	5
119	0.31745	2.86E-03	9.1E-04	1.05E-03	9.47E-07	4.31E-04	4.08E-10	1.0E+06	4.1E-04	5
120	0.33432	2.86E-03	9.5E-04	1.05E-03	9.98E-07	4.31E-04	4.30E-10	1.0E+06	4.3E-04	5
121	0.3443	2.86E-03	9.8E-04	1.05E-03	1.03E-06	4.31E-04	4.42E-10	1.0E+06	4.4E-04	5
122	0.3467	2.86E-03	9.9E-04	1.05E-03	1.03E-06	4.31E-04	4.45E-10	1.0E+06	4.5E-04	5
123	0.34183	2.86E-03	9.8E-04	1.05E-03	1.02E-06	4.31E-04	4.39E-10	1.0E+06	4.4E-04	5
124	0.33074	2.86E-03	9.4E-04	1.05E-03	9.87E-07	4.31E-04	4.25E-10	1.0E+06	4.2E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
125	0.07391	2.86E-03	2.1E-04	1.05E-03	2.21E-07	4.31E-04	9.50E-11	1.0E+06	9.5E-05	5
126	0.07872	2.86E-03	2.2E-04	1.05E-03	2.35E-07	4.31E-04	1.01E-10	1.0E+06	1.0E-04	5
127	0.08163	2.86E-03	2.3E-04	1.05E-03	2.44E-07	4.31E-04	1.05E-10	1.0E+06	1.0E-04	5
128	0.13853	2.86E-03	4.0E-04	1.05E-03	4.13E-07	4.31E-04	1.78E-10	1.0E+06	1.8E-04	5
129	0.15019	2.86E-03	4.3E-04	1.05E-03	4.48E-07	4.31E-04	1.93E-10	1.0E+06	1.9E-04	5
130	0.16231	2.86E-03	4.6E-04	1.05E-03	4.84E-07	4.31E-04	2.09E-10	1.0E+06	2.1E-04	5
131	0.17444	2.86E-03	5.0E-04	1.05E-03	5.21E-07	4.31E-04	2.24E-10	1.0E+06	2.2E-04	5
132	0.18632	2.86E-03	5.3E-04	1.05E-03	5.56E-07	4.31E-04	2.39E-10	1.0E+06	2.4E-04	5
133	0.19865	2.86E-03	5.7E-04	1.05E-03	5.93E-07	4.31E-04	2.55E-10	1.0E+06	2.6E-04	5
134	0.21082	2.86E-03	6.0E-04	1.05E-03	6.29E-07	4.31E-04	2.71E-10	1.0E+06	2.7E-04	5
135	0.22303	2.86E-03	6.4E-04	1.05E-03	6.66E-07	4.31E-04	2.87E-10	1.0E+06	2.9E-04	5
136	0.2379	2.86E-03	6.8E-04	1.05E-03	7.10E-07	4.31E-04	3.06E-10	1.0E+06	3.1E-04	5
137	0.25759	2.86E-03	7.4E-04	1.05E-03	7.69E-07	4.31E-04	3.31E-10	1.0E+06	3.3E-04	5
138	0.28337	2.86E-03	8.1E-04	1.05E-03	8.46E-07	4.31E-04	3.64E-10	1.0E+06	3.6E-04	5
139	0.31386	2.86E-03	9.0E-04	1.05E-03	9.37E-07	4.31E-04	4.03E-10	1.0E+06	4.0E-04	5
140	0.34679	2.86E-03	9.9E-04	1.05E-03	1.03E-06	4.31E-04	4.46E-10	1.0E+06	4.5E-04	5
141	0.37764	2.86E-03	1.1E-03	1.05E-03	1.13E-06	4.31E-04	4.85E-10	1.0E+06	4.9E-04	5
142	0.40184	2.86E-03	1.1E-03	1.05E-03	1.20E-06	4.31E-04	5.16E-10	1.0E+06	5.2E-04	5
143	0.41624	2.86E-03	1.2E-03	1.05E-03	1.24E-06	4.31E-04	5.35E-10	1.0E+06	5.3E-04	5
144	0.41958	2.86E-03	1.2E-03	1.05E-03	1.25E-06	4.31E-04	5.39E-10	1.0E+06	5.4E-04	5
145	0.41236	2.86E-03	1.2E-03	1.05E-03	1.23E-06	4.31E-04	5.30E-10	1.0E+06	5.3E-04	5
146	0.39638	2.86E-03	1.1E-03	1.05E-03	1.18E-06	4.31E-04	5.09E-10	1.0E+06	5.1E-04	5
147	0.07994	2.86E-03	2.3E-04	1.05E-03	2.39E-07	4.31E-04	1.03E-10	1.0E+06	1.0E-04	5
148	0.08564	2.86E-03	2.4E-04	1.05E-03	2.56E-07	4.31E-04	1.10E-10	1.0E+06	1.1E-04	5
149	0.08974	2.86E-03	2.6E-04	1.05E-03	2.68E-07	4.31E-04	1.15E-10	1.0E+06	1.2E-04	5
150	0.15953	2.86E-03	4.6E-04	1.05E-03	4.76E-07	4.31E-04	2.05E-10	1.0E+06	2.0E-04	5
151	0.17493	2.86E-03	5.0E-04	1.05E-03	5.22E-07	4.31E-04	2.25E-10	1.0E+06	2.2E-04	5
152	0.19141	2.86E-03	5.5E-04	1.05E-03	5.71E-07	4.31E-04	2.46E-10	1.0E+06	2.5E-04	5
153	0.20836	2.86E-03	5.9E-04	1.05E-03	6.22E-07	4.31E-04	2.68E-10	1.0E+06	2.7E-04	5
154	0.2252	2.86E-03	6.4E-04	1.05E-03	6.72E-07	4.31E-04	2.89E-10	1.0E+06	2.9E-04	5
155	0.24361	2.86E-03	7.0E-04	1.05E-03	7.27E-07	4.31E-04	3.13E-10	1.0E+06	3.1E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
156	0.25988	2.86E-03	7.4E-04	1.05E-03	7.76E-07	4.31E-04	3.34E-10	1.0E+06	3.3E-04	5
157	0.27738	2.86E-03	7.9E-04	1.05E-03	8.28E-07	4.31E-04	3.56E-10	1.0E+06	3.6E-04	5
158	0.29936	2.86E-03	8.5E-04	1.05E-03	8.93E-07	4.31E-04	3.85E-10	1.0E+06	3.8E-04	5
159	0.32914	2.86E-03	9.4E-04	1.05E-03	9.82E-07	4.31E-04	4.23E-10	1.0E+06	4.2E-04	5
160	0.3676	2.86E-03	1.0E-03	1.05E-03	1.10E-06	4.31E-04	4.72E-10	1.0E+06	4.7E-04	5
161	0.41143	2.86E-03	1.2E-03	1.05E-03	1.23E-06	4.31E-04	5.29E-10	1.0E+06	5.3E-04	5
162	0.45558	2.86E-03	1.3E-03	1.05E-03	1.36E-06	4.31E-04	5.85E-10	1.0E+06	5.9E-04	5
163	0.4916	2.86E-03	1.4E-03	1.05E-03	1.47E-06	4.31E-04	6.32E-10	1.0E+06	6.3E-04	5
164	0.51355	2.86E-03	1.5E-03	1.05E-03	1.53E-06	4.31E-04	6.60E-10	1.0E+06	6.6E-04	5
165	0.51861	2.86E-03	1.5E-03	1.05E-03	1.55E-06	4.31E-04	6.66E-10	1.0E+06	6.7E-04	5
166	0.50767	2.86E-03	1.4E-03	1.05E-03	1.51E-06	4.31E-04	6.52E-10	1.0E+06	6.5E-04	5
167	0.48392	2.86E-03	1.4E-03	1.05E-03	1.44E-06	4.31E-04	6.22E-10	1.0E+06	6.2E-04	5
168	0.45146	2.86E-03	1.3E-03	1.05E-03	1.35E-06	4.31E-04	5.80E-10	1.0E+06	5.8E-04	5
169	0.08639	2.86E-03	2.5E-04	1.05E-03	2.58E-07	4.31E-04	1.11E-10	1.0E+06	1.1E-04	5
170	0.09314	2.86E-03	2.7E-04	1.05E-03	2.78E-07	4.31E-04	1.20E-10	1.0E+06	1.2E-04	5
171	0.0989	2.86E-03	2.8E-04	1.05E-03	2.95E-07	4.31E-04	1.27E-10	1.0E+06	1.3E-04	5
172	0.10465	2.86E-03	3.0E-04	1.05E-03	3.12E-07	4.31E-04	1.34E-10	1.0E+06	1.3E-04	5
173	0.18562	2.86E-03	5.3E-04	1.05E-03	5.54E-07	4.31E-04	2.38E-10	1.0E+06	2.4E-04	5
174	0.20624	2.86E-03	5.9E-04	1.05E-03	6.15E-07	4.31E-04	2.65E-10	1.0E+06	2.6E-04	5
175	0.22912	2.86E-03	6.5E-04	1.05E-03	6.84E-07	4.31E-04	2.94E-10	1.0E+06	2.9E-04	5
176	0.25332	2.86E-03	7.2E-04	1.05E-03	7.56E-07	4.31E-04	3.25E-10	1.0E+06	3.3E-04	5
177	0.27869	2.86E-03	8.0E-04	1.05E-03	8.32E-07	4.31E-04	3.58E-10	1.0E+06	3.6E-04	5
178	0.305	2.86E-03	8.7E-04	1.05E-03	9.10E-07	4.31E-04	3.92E-10	1.0E+06	3.9E-04	5
179	0.329	2.86E-03	9.4E-04	1.05E-03	9.82E-07	4.31E-04	4.23E-10	1.0E+06	4.2E-04	5
180	0.35532	2.86E-03	1.0E-03	1.05E-03	1.06E-06	4.31E-04	4.57E-10	1.0E+06	4.6E-04	5
181	0.38918	2.86E-03	1.1E-03	1.05E-03	1.16E-06	4.31E-04	5.00E-10	1.0E+06	5.0E-04	5
182	0.43607	2.86E-03	1.2E-03	1.05E-03	1.30E-06	4.31E-04	5.60E-10	1.0E+06	5.6E-04	5
183	0.64061	2.86E-03	1.8E-03	1.05E-03	1.91E-06	4.31E-04	8.23E-10	1.0E+06	8.2E-04	5
184	0.6041	2.86E-03	1.7E-03	1.05E-03	1.80E-06	4.31E-04	7.76E-10	1.0E+06	7.8E-04	5
185	0.10117	2.86E-03	2.9E-04	1.05E-03	3.02E-07	4.31E-04	1.30E-10	1.0E+06	1.3E-04	5
186	0.10884	2.86E-03	3.1E-04	1.05E-03	3.25E-07	4.31E-04	1.40E-10	1.0E+06	1.4E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
187	0.11585	2.86E-03	3.3E-04	1.05E-03	3.46E-07	4.31E-04	1.49E-10	1.0E+06	1.5E-04	5
188	0.21828	2.86E-03	6.2E-04	1.05E-03	6.51E-07	4.31E-04	2.80E-10	1.0E+06	2.8E-04	5
189	0.24638	2.86E-03	7.0E-04	1.05E-03	7.35E-07	4.31E-04	3.17E-10	1.0E+06	3.2E-04	5
190	0.27873	2.86E-03	8.0E-04	1.05E-03	8.32E-07	4.31E-04	3.58E-10	1.0E+06	3.6E-04	5
191	0.31456	2.86E-03	9.0E-04	1.05E-03	9.39E-07	4.31E-04	4.04E-10	1.0E+06	4.0E-04	5
192	0.35479	2.86E-03	1.0E-03	1.05E-03	1.06E-06	4.31E-04	4.56E-10	1.0E+06	4.6E-04	5
193	0.39332	2.86E-03	1.1E-03	1.05E-03	1.17E-06	4.31E-04	5.05E-10	1.0E+06	5.1E-04	5
194	0.43081	2.86E-03	1.2E-03	1.05E-03	1.29E-06	4.31E-04	5.53E-10	1.0E+06	5.5E-04	5
195	0.47211	2.86E-03	1.3E-03	1.05E-03	1.41E-06	4.31E-04	6.07E-10	1.0E+06	6.1E-04	5
196	0.52745	2.86E-03	1.5E-03	1.05E-03	1.57E-06	4.31E-04	6.78E-10	1.0E+06	6.8E-04	5
197	0.60567	2.86E-03	1.7E-03	1.05E-03	1.81E-06	4.31E-04	7.78E-10	1.0E+06	7.8E-04	5
198	0.11855	2.86E-03	3.4E-04	1.05E-03	3.54E-07	4.31E-04	1.52E-10	1.0E+06	1.5E-04	5
199	0.12882	2.86E-03	3.7E-04	1.05E-03	3.84E-07	4.31E-04	1.66E-10	1.0E+06	1.7E-04	5
200	0.12925	2.86E-03	3.7E-04	1.05E-03	3.86E-07	4.31E-04	1.66E-10	1.0E+06	1.7E-04	5
201	0.14258	2.86E-03	4.1E-04	1.05E-03	4.25E-07	4.31E-04	1.83E-10	1.0E+06	1.8E-04	5
202	0.15549	2.86E-03	4.4E-04	1.05E-03	4.64E-07	4.31E-04	2.00E-10	1.0E+06	2.0E-04	5
203	0.1562	2.86E-03	4.5E-04	1.05E-03	4.66E-07	4.31E-04	2.01E-10	1.0E+06	2.0E-04	5
204	0.17505	2.86E-03	5.0E-04	1.05E-03	5.22E-07	4.31E-04	2.25E-10	1.0E+06	2.2E-04	5
205	0.19538	2.86E-03	5.6E-04	1.05E-03	5.83E-07	4.31E-04	2.51E-10	1.0E+06	2.5E-04	5
206	0.19374	2.86E-03	5.5E-04	1.05E-03	5.78E-07	4.31E-04	2.49E-10	1.0E+06	2.5E-04	5
207	0.22017	2.86E-03	6.3E-04	1.05E-03	6.57E-07	4.31E-04	2.83E-10	1.0E+06	2.8E-04	5
208	0.25252	2.86E-03	7.2E-04	1.05E-03	7.54E-07	4.31E-04	3.24E-10	1.0E+06	3.2E-04	5
209	0.21285	2.86E-03	6.1E-04	1.05E-03	6.35E-07	4.31E-04	2.73E-10	1.0E+06	2.7E-04	5
210	0.24723	2.86E-03	7.1E-04	1.05E-03	7.38E-07	4.31E-04	3.18E-10	1.0E+06	3.2E-04	5
211	0.28666	2.86E-03	8.2E-04	1.05E-03	8.55E-07	4.31E-04	3.68E-10	1.0E+06	3.7E-04	5
212	0.2749	2.86E-03	7.8E-04	1.05E-03	8.20E-07	4.31E-04	3.53E-10	1.0E+06	3.5E-04	5
213	0.3276	2.86E-03	9.4E-04	1.05E-03	9.78E-07	4.31E-04	4.21E-10	1.0E+06	4.2E-04	5
214	0.38982	2.86E-03	1.1E-03	1.05E-03	1.16E-06	4.31E-04	5.01E-10	1.0E+06	5.0E-04	5
215	0.30613	2.86E-03	8.7E-04	1.05E-03	9.14E-07	4.31E-04	3.93E-10	1.0E+06	3.9E-04	5
216	0.36942	2.86E-03	1.1E-03	1.05E-03	1.10E-06	4.31E-04	4.75E-10	1.0E+06	4.7E-04	5
217	0.4467	2.86E-03	1.3E-03	1.05E-03	1.33E-06	4.31E-04	5.74E-10	1.0E+06	5.7E-04	5



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
218	0.51111	2.86E-03	1.5E-03	1.05E-03	1.53E-06	4.31E-04	6.57E-10	1.0E+06	6.6E-04	5
219	0.65113	2.86E-03	1.9E-03	1.05E-03	1.94E-06	4.31E-04	8.37E-10	1.0E+06	8.4E-04	5
220	0.57396	2.86E-03	1.6E-03	1.05E-03	1.71E-06	4.31E-04	7.37E-10	1.0E+06	7.4E-04	5
221	0.72683	2.86E-03	2.1E-03	1.05E-03	2.17E-06	4.31E-04	9.34E-10	1.0E+06	9.3E-04	5
222	0.61507	2.86E-03	1.8E-03	1.05E-03	1.84E-06	4.31E-04	7.90E-10	1.0E+06	7.9E-04	5
223	0.76966	2.86E-03	2.2E-03	1.05E-03	2.30E-06	4.31E-04	9.89E-10	1.0E+06	9.9E-04	5
224	0.99586	2.86E-03	2.8E-03	1.05E-03	2.97E-06	4.31E-04	1.28E-09	1.0E+06	1.3E-03	5
225	0.76269	2.86E-03	2.2E-03	1.05E-03	2.28E-06	4.31E-04	9.80E-10	1.0E+06	9.8E-04	5
226	0.94296	2.86E-03	2.7E-03	1.05E-03	2.81E-06	4.31E-04	1.21E-09	1.0E+06	1.2E-03	5
227	0.19427	2.86E-03	5.5E-04	1.05E-03	5.80E-07	4.31E-04	2.50E-10	1.0E+06	2.5E-04	5
228	0.16919	2.86E-03	4.8E-04	1.05E-03	5.05E-07	4.31E-04	2.17E-10	1.0E+06	2.2E-04	5
229	0.14866	2.86E-03	4.2E-04	1.05E-03	4.44E-07	4.31E-04	1.91E-10	1.0E+06	1.9E-04	5
230	0.13167	2.86E-03	3.8E-04	1.05E-03	3.93E-07	4.31E-04	1.69E-10	1.0E+06	1.7E-04	5
231	0.1732	2.86E-03	4.9E-04	1.05E-03	5.17E-07	4.31E-04	2.23E-10	1.0E+06	2.2E-04	5
232	0.15242	2.86E-03	4.4E-04	1.05E-03	4.55E-07	4.31E-04	1.96E-10	1.0E+06	2.0E-04	5
233	0.13515	2.86E-03	3.9E-04	1.05E-03	4.03E-07	4.31E-04	1.74E-10	1.0E+06	1.7E-04	5
234	0.12064	2.86E-03	3.4E-04	1.05E-03	3.60E-07	4.31E-04	1.55E-10	1.0E+06	1.5E-04	5
235	0.15491	2.86E-03	4.4E-04	1.05E-03	4.62E-07	4.31E-04	1.99E-10	1.0E+06	2.0E-04	5
236	0.1377	2.86E-03	3.9E-04	1.05E-03	4.11E-07	4.31E-04	1.77E-10	1.0E+06	1.8E-04	5
237	0.12313	2.86E-03	3.5E-04	1.05E-03	3.67E-07	4.31E-04	1.58E-10	1.0E+06	1.6E-04	5
238	0.11074	2.86E-03	3.2E-04	1.05E-03	3.30E-07	4.31E-04	1.42E-10	1.0E+06	1.4E-04	5
239	2.32737	2.86E-03	6.6E-03	1.05E-03	6.95E-06	4.31E-04	2.99E-09	1.0E+06	3.0E-03	5
240	1.94136	2.86E-03	5.5E-03	1.05E-03	5.79E-06	4.31E-04	2.49E-09	1.0E+06	2.5E-03	5
241	1.62497	2.86E-03	4.6E-03	1.05E-03	4.85E-06	4.31E-04	2.09E-09	1.0E+06	2.1E-03	5
242	1.36813	2.86E-03	3.9E-03	1.05E-03	4.08E-06	4.31E-04	1.76E-09	1.0E+06	1.8E-03	5
243	1.79999	2.86E-03	5.1E-03	1.05E-03	5.37E-06	4.31E-04	2.31E-09	1.0E+06	2.3E-03	5
244	1.54538	2.86E-03	4.4E-03	1.05E-03	4.61E-06	4.31E-04	1.99E-09	1.0E+06	2.0E-03	5
245	1.32696	2.86E-03	3.8E-03	1.05E-03	3.96E-06	4.31E-04	1.70E-09	1.0E+06	1.7E-03	5
246	1.14199	2.86E-03	3.3E-03	1.05E-03	3.41E-06	4.31E-04	1.47E-09	1.0E+06	1.5E-03	5
247	1.4297	2.86E-03	4.1E-03	1.05E-03	4.27E-06	4.31E-04	1.84E-09	1.0E+06	1.8E-03	5
248	1.25469	2.86E-03	3.6E-03	1.05E-03	3.74E-06	4.31E-04	1.61E-09	1.0E+06	1.6E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
249	1.09937	2.86E-03	3.1E-03	1.05E-03	3.28E-06	4.31E-04	1.41E-09	1.0E+06	1.4E-03	5
250	0.96327	2.86E-03	2.8E-03	1.05E-03	2.87E-06	4.31E-04	1.24E-09	1.0E+06	1.2E-03	5
251	0.44966	2.86E-03	1.3E-03	1.05E-03	1.34E-06	4.31E-04	5.78E-10	1.0E+06	5.8E-04	5
252	0.41215	2.86E-03	1.2E-03	1.05E-03	1.23E-06	4.31E-04	5.30E-10	1.0E+06	5.3E-04	5
253	0.50803	2.86E-03	1.5E-03	1.05E-03	1.52E-06	4.31E-04	6.53E-10	1.0E+06	6.5E-04	5
254	0.47041	2.86E-03	1.3E-03	1.05E-03	1.40E-06	4.31E-04	6.04E-10	1.0E+06	6.0E-04	5
255	0.40174	2.86E-03	1.1E-03	1.05E-03	1.20E-06	4.31E-04	5.16E-10	1.0E+06	5.2E-04	5
256	0.37082	2.86E-03	1.1E-03	1.05E-03	1.11E-06	4.31E-04	4.76E-10	1.0E+06	4.8E-04	5
257	0.29248	2.86E-03	8.4E-04	1.05E-03	8.73E-07	4.31E-04	3.76E-10	1.0E+06	3.8E-04	5
258	0.44707	2.86E-03	1.3E-03	1.05E-03	1.33E-06	4.31E-04	5.74E-10	1.0E+06	5.7E-04	5
259	0.41671	2.86E-03	1.2E-03	1.05E-03	1.24E-06	4.31E-04	5.35E-10	1.0E+06	5.4E-04	5
260	0.38781	2.86E-03	1.1E-03	1.05E-03	1.16E-06	4.31E-04	4.98E-10	1.0E+06	5.0E-04	5
261	0.36056	2.86E-03	1.0E-03	1.05E-03	1.08E-06	4.31E-04	4.63E-10	1.0E+06	4.6E-04	5
262	0.33495	2.86E-03	9.6E-04	1.05E-03	1.00E-06	4.31E-04	4.30E-10	1.0E+06	4.3E-04	5
263	0.26861	2.86E-03	7.7E-04	1.05E-03	8.02E-07	4.31E-04	3.45E-10	1.0E+06	3.5E-04	5
264	0.37128	2.86E-03	1.1E-03	1.05E-03	1.11E-06	4.31E-04	4.77E-10	1.0E+06	4.8E-04	5
265	0.34761	2.86E-03	9.9E-04	1.05E-03	1.04E-06	4.31E-04	4.47E-10	1.0E+06	4.5E-04	5
266	0.32505	2.86E-03	9.3E-04	1.05E-03	9.70E-07	4.31E-04	4.18E-10	1.0E+06	4.2E-04	5
267	0.30366	2.86E-03	8.7E-04	1.05E-03	9.06E-07	4.31E-04	3.90E-10	1.0E+06	3.9E-04	5
268	0.24733	2.86E-03	7.1E-04	1.05E-03	7.38E-07	4.31E-04	3.18E-10	1.0E+06	3.2E-04	5
269	0.42479	2.86E-03	1.2E-03	1.05E-03	1.27E-06	4.31E-04	5.46E-10	1.0E+06	5.5E-04	5
270	0.34992	2.86E-03	1.0E-03	1.05E-03	1.04E-06	4.31E-04	4.50E-10	1.0E+06	4.5E-04	5
271	0.29244	2.86E-03	8.3E-04	1.05E-03	8.73E-07	4.31E-04	3.76E-10	1.0E+06	3.8E-04	5
272	0.24763	2.86E-03	7.1E-04	1.05E-03	7.39E-07	4.31E-04	3.18E-10	1.0E+06	3.2E-04	5
273	0.2122	2.86E-03	6.1E-04	1.05E-03	6.33E-07	4.31E-04	2.73E-10	1.0E+06	2.7E-04	5
274	0.18383	2.86E-03	5.2E-04	1.05E-03	5.49E-07	4.31E-04	2.36E-10	1.0E+06	2.4E-04	5
275	0.16082	2.86E-03	4.6E-04	1.05E-03	4.80E-07	4.31E-04	2.07E-10	1.0E+06	2.1E-04	5
276	0.38014	2.86E-03	1.1E-03	1.05E-03	1.13E-06	4.31E-04	4.88E-10	1.0E+06	4.9E-04	5
277	0.31361	2.86E-03	9.0E-04	1.05E-03	9.36E-07	4.31E-04	4.03E-10	1.0E+06	4.0E-04	5
278	0.26286	2.86E-03	7.5E-04	1.05E-03	7.84E-07	4.31E-04	3.38E-10	1.0E+06	3.4E-04	5
279	0.22341	2.86E-03	6.4E-04	1.05E-03	6.67E-07	4.31E-04	2.87E-10	1.0E+06	2.9E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
280	0.19225	2.86E-03	5.5E-04	1.05E-03	5.74E-07	4.31E-04	2.47E-10	1.0E+06	2.5E-04	5
281	0.16727	2.86E-03	4.8E-04	1.05E-03	4.99E-07	4.31E-04	2.15E-10	1.0E+06	2.1E-04	5
282	0.14696	2.86E-03	4.2E-04	1.05E-03	4.39E-07	4.31E-04	1.89E-10	1.0E+06	1.9E-04	5
283	0.33378	2.86E-03	9.5E-04	1.05E-03	9.96E-07	4.31E-04	4.29E-10	1.0E+06	4.3E-04	5
284	0.2773	2.86E-03	7.9E-04	1.05E-03	8.28E-07	4.31E-04	3.56E-10	1.0E+06	3.6E-04	5
285	0.23407	2.86E-03	6.7E-04	1.05E-03	6.99E-07	4.31E-04	3.01E-10	1.0E+06	3.0E-04	5
286	0.20028	2.86E-03	5.7E-04	1.05E-03	5.98E-07	4.31E-04	2.57E-10	1.0E+06	2.6E-04	5
287	0.17344	2.86E-03	5.0E-04	1.05E-03	5.18E-07	4.31E-04	2.23E-10	1.0E+06	2.2E-04	5
288	0.15179	2.86E-03	4.3E-04	1.05E-03	4.53E-07	4.31E-04	1.95E-10	1.0E+06	2.0E-04	5
289	0.1341	2.86E-03	3.8E-04	1.05E-03	4.00E-07	4.31E-04	1.72E-10	1.0E+06	1.7E-04	5
290	0.29099	2.86E-03	8.3E-04	1.05E-03	8.68E-07	4.31E-04	3.74E-10	1.0E+06	3.7E-04	5
291	0.24425	2.86E-03	7.0E-04	1.05E-03	7.29E-07	4.31E-04	3.14E-10	1.0E+06	3.1E-04	5
292	0.20804	2.86E-03	5.9E-04	1.05E-03	6.21E-07	4.31E-04	2.67E-10	1.0E+06	2.7E-04	5
293	0.17947	2.86E-03	5.1E-04	1.05E-03	5.36E-07	4.31E-04	2.31E-10	1.0E+06	2.3E-04	5
294	0.15655	2.86E-03	4.5E-04	1.05E-03	4.67E-07	4.31E-04	2.01E-10	1.0E+06	2.0E-04	5
295	0.13792	2.86E-03	3.9E-04	1.05E-03	4.12E-07	4.31E-04	1.77E-10	1.0E+06	1.8E-04	5
296	0.12256	2.86E-03	3.5E-04	1.05E-03	3.66E-07	4.31E-04	1.57E-10	1.0E+06	1.6E-04	5
297	0.2545	2.86E-03	7.3E-04	1.05E-03	7.59E-07	4.31E-04	3.27E-10	1.0E+06	3.3E-04	5
298	0.21596	2.86E-03	6.2E-04	1.05E-03	6.44E-07	4.31E-04	2.77E-10	1.0E+06	2.8E-04	5
299	0.18569	2.86E-03	5.3E-04	1.05E-03	5.54E-07	4.31E-04	2.39E-10	1.0E+06	2.4E-04	5
300	0.16152	2.86E-03	4.6E-04	1.05E-03	4.82E-07	4.31E-04	2.08E-10	1.0E+06	2.1E-04	5
301	0.14194	2.86E-03	4.1E-04	1.05E-03	4.24E-07	4.31E-04	1.82E-10	1.0E+06	1.8E-04	5
302	0.12585	2.86E-03	3.6E-04	1.05E-03	3.76E-07	4.31E-04	1.62E-10	1.0E+06	1.6E-04	5
303	0.11248	2.86E-03	3.2E-04	1.05E-03	3.36E-07	4.31E-04	1.45E-10	1.0E+06	1.4E-04	5
304	0.22442	2.86E-03	6.4E-04	1.05E-03	6.70E-07	4.31E-04	2.88E-10	1.0E+06	2.9E-04	5
305	0.19242	2.86E-03	5.5E-04	1.05E-03	5.74E-07	4.31E-04	2.47E-10	1.0E+06	2.5E-04	5
306	0.16695	2.86E-03	4.8E-04	1.05E-03	4.98E-07	4.31E-04	2.14E-10	1.0E+06	2.1E-04	5
307	0.14635	2.86E-03	4.2E-04	1.05E-03	4.37E-07	4.31E-04	1.88E-10	1.0E+06	1.9E-04	5
308	0.12948	2.86E-03	3.7E-04	1.05E-03	3.86E-07	4.31E-04	1.66E-10	1.0E+06	1.7E-04	5
309	0.11549	2.86E-03	3.3E-04	1.05E-03	3.45E-07	4.31E-04	1.48E-10	1.0E+06	1.5E-04	5
310	0.10378	2.86E-03	3.0E-04	1.05E-03	3.10E-07	4.31E-04	1.33E-10	1.0E+06	1.3E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			Risk/ Million	REL
				Constant	Dose	Risk	Constant 2			
311	0.19983	2.86E-03	5.7E-04	1.05E-03	5.96E-07	4.31E-04	2.57E-10	1.0E+06	2.6E-04	5
312	0.17293	2.86E-03	4.9E-04	1.05E-03	5.16E-07	4.31E-04	2.22E-10	1.0E+06	2.2E-04	5
313	0.15126	2.86E-03	4.3E-04	1.05E-03	4.51E-07	4.31E-04	1.94E-10	1.0E+06	1.9E-04	5
314	0.13354	2.86E-03	3.8E-04	1.05E-03	3.99E-07	4.31E-04	1.72E-10	1.0E+06	1.7E-04	5
315	0.11888	2.86E-03	3.4E-04	1.05E-03	3.55E-07	4.31E-04	1.53E-10	1.0E+06	1.5E-04	5
316	0.10662	2.86E-03	3.0E-04	1.05E-03	3.18E-07	4.31E-04	1.37E-10	1.0E+06	1.4E-04	5
317	0.09626	2.86E-03	2.7E-04	1.05E-03	2.87E-07	4.31E-04	1.24E-10	1.0E+06	1.2E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk**

<b>Chronic Non Cancer Risk</b>	
<b>Receptor #</b>	<b>HI</b>
1	2.89E-05
2	3.02E-05
3	3.06E-05
4	4.20E-05
5	4.40E-05
6	4.59E-05
7	4.78E-05
8	4.96E-05
9	5.13E-05
10	5.29E-05
11	5.46E-05
12	5.64E-05
13	5.85E-05
14	6.10E-05
15	6.39E-05
16	6.75E-05
17	7.19E-05
18	7.68E-05
19	8.21E-05
20	8.77E-05
21	9.30E-05
22	9.79E-05
23	1.02E-04
24	1.05E-04
25	1.07E-04
26	3.11E-05
27	3.25E-05
28	3.30E-05
29	4.63E-05
30	4.88E-05
31	5.13E-05

<b>Max</b>	<b>Receptor #</b>
0.001	239

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
32	5.36E-05
33	5.59E-05
34	5.80E-05
35	6.01E-05
36	6.22E-05
37	6.46E-05
38	6.73E-05
39	7.04E-05
40	7.42E-05
41	7.90E-05
42	8.47E-05
43	9.10E-05
44	9.78E-05
45	1.05E-04
46	1.11E-04
47	1.16E-04
48	1.20E-04
49	1.22E-04
50	1.23E-04
51	3.35E-05
52	3.52E-05
53	3.58E-05
54	5.14E-05
55	5.45E-05
56	5.76E-05
57	6.06E-05
58	6.35E-05
59	6.63E-05
60	6.90E-05
61	7.16E-05
62	7.48E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
63	7.82E-05
64	8.23E-05
65	8.74E-05
66	9.40E-05
67	1.01E-04
68	1.10E-04
69	1.18E-04
70	1.26E-04
71	1.33E-04
72	1.38E-04
73	1.41E-04
74	1.42E-04
75	1.41E-04
76	3.61E-05
77	3.81E-05
78	3.90E-05
79	5.74E-05
80	6.12E-05
81	6.52E-05
82	6.91E-05
83	7.29E-05
84	7.66E-05
85	8.01E-05
86	8.40E-05
87	8.79E-05
88	9.23E-05
89	9.78E-05
90	1.05E-04
91	1.14E-04
92	1.24E-04
93	1.35E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
94	1.45E-04
95	1.54E-04
96	1.61E-04
97	1.65E-04
98	1.66E-04
99	1.65E-04
100	1.60E-04
101	3.90E-05
102	4.14E-05
103	4.26E-05
104	6.44E-05
105	6.93E-05
106	7.44E-05
107	7.96E-05
108	8.47E-05
109	8.96E-05
110	9.45E-05
111	9.98E-05
112	1.05E-04
113	1.11E-04
114	1.19E-04
115	1.29E-04
116	1.41E-04
117	1.55E-04
118	1.69E-04
119	1.81E-04
120	1.91E-04
121	1.97E-04
122	1.98E-04
123	1.95E-04
124	1.89E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
125	4.22E-05
126	4.50E-05
127	4.66E-05
128	7.91E-05
129	8.58E-05
130	9.27E-05
131	9.96E-05
132	1.06E-04
133	1.13E-04
134	1.20E-04
135	1.27E-04
136	1.36E-04
137	1.47E-04
138	1.62E-04
139	1.79E-04
140	1.98E-04
141	2.16E-04
142	2.29E-04
143	2.38E-04
144	2.40E-04
145	2.35E-04
146	2.26E-04
147	4.56E-05
148	4.89E-05
149	5.12E-05
150	9.11E-05
151	9.99E-05
152	1.09E-04
153	1.19E-04
154	1.29E-04
155	1.39E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
156	1.48E-04
157	1.58E-04
158	1.71E-04
159	1.88E-04
160	2.10E-04
161	2.35E-04
162	2.60E-04
163	2.81E-04
164	2.93E-04
165	2.96E-04
166	2.90E-04
167	2.76E-04
168	2.58E-04
169	4.93E-05
170	5.32E-05
171	5.65E-05
172	5.98E-05
173	1.06E-04
174	1.18E-04
175	1.31E-04
176	1.45E-04
177	1.59E-04
178	1.74E-04
179	1.88E-04
180	2.03E-04
181	2.22E-04
182	2.49E-04
183	3.66E-04
184	3.45E-04
185	5.78E-05
186	6.22E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
187	6.62E-05
188	1.25E-04
189	1.41E-04
190	1.59E-04
191	1.80E-04
192	2.03E-04
193	2.25E-04
194	2.46E-04
195	2.70E-04
196	3.01E-04
197	3.46E-04
198	6.77E-05
199	7.36E-05
200	7.38E-05
201	8.14E-05
202	8.88E-05
203	8.92E-05
204	1.00E-04
205	1.12E-04
206	1.11E-04
207	1.26E-04
208	1.44E-04
209	1.22E-04
210	1.41E-04
211	1.64E-04
212	1.57E-04
213	1.87E-04
214	2.23E-04
215	1.75E-04
216	2.11E-04
217	2.55E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
218	2.92E-04
219	3.72E-04
220	3.28E-04
221	4.15E-04
222	3.51E-04
223	4.39E-04
224	5.69E-04
225	4.36E-04
226	5.38E-04
227	1.11E-04
228	9.66E-05
229	8.49E-05
230	7.52E-05
231	9.89E-05
232	8.70E-05
233	7.72E-05
234	6.89E-05
235	8.85E-05
236	7.86E-05
237	7.03E-05
238	6.32E-05
239	1.33E-03
240	1.11E-03
241	9.28E-04
242	7.81E-04
243	1.03E-03
244	8.82E-04
245	7.58E-04
246	6.52E-04
247	8.16E-04
248	7.16E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
249	6.28E-04
250	5.50E-04
251	2.57E-04
252	2.35E-04
253	2.90E-04
254	2.69E-04
255	2.29E-04
256	2.12E-04
257	1.67E-04
258	2.55E-04
259	2.38E-04
260	2.21E-04
261	2.06E-04
262	1.91E-04
263	1.53E-04
264	2.12E-04
265	1.98E-04
266	1.86E-04
267	1.73E-04
268	1.41E-04
269	2.43E-04
270	2.00E-04
271	1.67E-04
272	1.41E-04
273	1.21E-04
274	1.05E-04
275	9.18E-05
276	2.17E-04
277	1.79E-04
278	1.50E-04
279	1.28E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
280	1.10E-04
281	9.55E-05
282	8.39E-05
283	1.91E-04
284	1.58E-04
285	1.34E-04
286	1.14E-04
287	9.90E-05
288	8.67E-05
289	7.66E-05
290	1.66E-04
291	1.39E-04
292	1.19E-04
293	1.02E-04
294	8.94E-05
295	7.88E-05
296	7.00E-05
297	1.45E-04
298	1.23E-04
299	1.06E-04
300	9.22E-05
301	8.11E-05
302	7.19E-05
303	6.42E-05
304	1.28E-04
305	1.10E-04
306	9.53E-05
307	8.36E-05
308	7.39E-05
309	6.59E-05
310	5.93E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Site Preparation Risk**

*Chronic Non Cancer Risk*

Receptor #	HI
311	1.14E-04
312	9.87E-05
313	8.64E-05
314	7.63E-05
315	6.79E-05
316	6.09E-05
317	5.50E-05

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Parcel 4-E: Unmitigated - Parcel 4 - Grading Risk



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05064	5.29E-03	2.7E-04	1.05E-03	2.80E-07	4.31E-04	1.21E-10	1.0E+06	1.2E-04
2	0.05293	5.29E-03	2.8E-04	1.05E-03	2.93E-07	4.31E-04	1.26E-10	1.0E+06	1.3E-04
3	0.05366	5.29E-03	2.8E-04	1.05E-03	2.97E-07	4.31E-04	1.28E-10	1.0E+06	1.3E-04
4	0.07354	5.29E-03	3.9E-04	1.05E-03	4.07E-07	4.31E-04	1.75E-10	1.0E+06	1.8E-04
5	0.07704	5.29E-03	4.1E-04	1.05E-03	4.26E-07	4.31E-04	1.83E-10	1.0E+06	1.8E-04
6	0.08046	5.29E-03	4.3E-04	1.05E-03	4.45E-07	4.31E-04	1.92E-10	1.0E+06	1.9E-04
7	0.08374	5.29E-03	4.4E-04	1.05E-03	4.63E-07	4.31E-04	1.99E-10	1.0E+06	2.0E-04
8	0.08686	5.29E-03	4.6E-04	1.05E-03	4.81E-07	4.31E-04	2.07E-10	1.0E+06	2.1E-04
9	0.08982	5.29E-03	4.8E-04	1.05E-03	4.97E-07	4.31E-04	2.14E-10	1.0E+06	2.1E-04
10	0.09269	5.29E-03	4.9E-04	1.05E-03	5.13E-07	4.31E-04	2.21E-10	1.0E+06	2.2E-04
11	0.09559	5.29E-03	5.1E-04	1.05E-03	5.29E-07	4.31E-04	2.28E-10	1.0E+06	2.3E-04
12	0.09874	5.29E-03	5.2E-04	1.05E-03	5.46E-07	4.31E-04	2.35E-10	1.0E+06	2.4E-04
13	0.10251	5.29E-03	5.4E-04	1.05E-03	5.67E-07	4.31E-04	2.44E-10	1.0E+06	2.4E-04
14	0.10678	5.29E-03	5.7E-04	1.05E-03	5.91E-07	4.31E-04	2.54E-10	1.0E+06	2.5E-04
15	0.11189	5.29E-03	5.9E-04	1.05E-03	6.19E-07	4.31E-04	2.67E-10	1.0E+06	2.7E-04
16	0.11829	5.29E-03	6.3E-04	1.05E-03	6.54E-07	4.31E-04	2.82E-10	1.0E+06	2.8E-04
17	0.12591	5.29E-03	6.7E-04	1.05E-03	6.97E-07	4.31E-04	3.00E-10	1.0E+06	3.0E-04
18	0.13449	5.29E-03	7.1E-04	1.05E-03	7.44E-07	4.31E-04	3.20E-10	1.0E+06	3.2E-04
19	0.14384	5.29E-03	7.6E-04	1.05E-03	7.96E-07	4.31E-04	3.43E-10	1.0E+06	3.4E-04
20	0.1535	5.29E-03	8.1E-04	1.05E-03	8.49E-07	4.31E-04	3.66E-10	1.0E+06	3.7E-04
21	0.16289	5.29E-03	8.6E-04	1.05E-03	9.01E-07	4.31E-04	3.88E-10	1.0E+06	3.9E-04
22	0.17143	5.29E-03	9.1E-04	1.05E-03	9.48E-07	4.31E-04	4.08E-10	1.0E+06	4.1E-04
23	0.17858	5.29E-03	9.5E-04	1.05E-03	9.88E-07	4.31E-04	4.25E-10	1.0E+06	4.3E-04
24	0.1839	5.29E-03	9.7E-04	1.05E-03	1.02E-06	4.31E-04	4.38E-10	1.0E+06	4.4E-04
25	0.18711	5.29E-03	9.9E-04	1.05E-03	1.04E-06	4.31E-04	4.46E-10	1.0E+06	4.5E-04
26	0.0544	5.29E-03	2.9E-04	1.05E-03	3.01E-07	4.31E-04	1.30E-10	1.0E+06	1.3E-04
27	0.05699	5.29E-03	3.0E-04	1.05E-03	3.15E-07	4.31E-04	1.36E-10	1.0E+06	1.4E-04
28	0.05785	5.29E-03	3.1E-04	1.05E-03	3.20E-07	4.31E-04	1.38E-10	1.0E+06	1.4E-04
29	0.08115	5.29E-03	4.3E-04	1.05E-03	4.49E-07	4.31E-04	1.93E-10	1.0E+06	1.9E-04
30	0.0855	5.29E-03	4.5E-04	1.05E-03	4.73E-07	4.31E-04	2.04E-10	1.0E+06	2.0E-04
31	0.08978	5.29E-03	4.8E-04	1.05E-03	4.97E-07	4.31E-04	2.14E-10	1.0E+06	2.1E-04

<b>Max</b>	<b>Receptor #</b>
0.006	239

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.09393	5.29E-03	5.0E-04	1.05E-03	5.20E-07	4.31E-04	2.24E-10	1.0E+06	2.2E-04
33	0.09787	5.29E-03	5.2E-04	1.05E-03	5.41E-07	4.31E-04	2.33E-10	1.0E+06	2.3E-04
34	0.10162	5.29E-03	5.4E-04	1.05E-03	5.62E-07	4.31E-04	2.42E-10	1.0E+06	2.4E-04
35	0.10524	5.29E-03	5.6E-04	1.05E-03	5.82E-07	4.31E-04	2.51E-10	1.0E+06	2.5E-04
36	0.10888	5.29E-03	5.8E-04	1.05E-03	6.02E-07	4.31E-04	2.59E-10	1.0E+06	2.6E-04
37	0.11307	5.29E-03	6.0E-04	1.05E-03	6.26E-07	4.31E-04	2.69E-10	1.0E+06	2.7E-04
38	0.11787	5.29E-03	6.2E-04	1.05E-03	6.52E-07	4.31E-04	2.81E-10	1.0E+06	2.8E-04
39	0.12322	5.29E-03	6.5E-04	1.05E-03	6.82E-07	4.31E-04	2.93E-10	1.0E+06	2.9E-04
40	0.12993	5.29E-03	6.9E-04	1.05E-03	7.19E-07	4.31E-04	3.09E-10	1.0E+06	3.1E-04
41	0.13843	5.29E-03	7.3E-04	1.05E-03	7.66E-07	4.31E-04	3.30E-10	1.0E+06	3.3E-04
42	0.14831	5.29E-03	7.9E-04	1.05E-03	8.21E-07	4.31E-04	3.53E-10	1.0E+06	3.5E-04
43	0.15943	5.29E-03	8.4E-04	1.05E-03	8.82E-07	4.31E-04	3.80E-10	1.0E+06	3.8E-04
44	0.17125	5.29E-03	9.1E-04	1.05E-03	9.47E-07	4.31E-04	4.08E-10	1.0E+06	4.1E-04
45	0.18301	5.29E-03	9.7E-04	1.05E-03	1.01E-06	4.31E-04	4.36E-10	1.0E+06	4.4E-04
46	0.19387	5.29E-03	1.0E-03	1.05E-03	1.07E-06	4.31E-04	4.62E-10	1.0E+06	4.6E-04
47	0.20305	5.29E-03	1.1E-03	1.05E-03	1.12E-06	4.31E-04	4.84E-10	1.0E+06	4.8E-04
48	0.2099	5.29E-03	1.1E-03	1.05E-03	1.16E-06	4.31E-04	5.00E-10	1.0E+06	5.0E-04
49	0.214	5.29E-03	1.1E-03	1.05E-03	1.18E-06	4.31E-04	5.10E-10	1.0E+06	5.1E-04
50	0.21519	5.29E-03	1.1E-03	1.05E-03	1.19E-06	4.31E-04	5.13E-10	1.0E+06	5.1E-04
51	0.0586	5.29E-03	3.1E-04	1.05E-03	3.24E-07	4.31E-04	1.40E-10	1.0E+06	1.4E-04
52	0.06157	5.29E-03	3.3E-04	1.05E-03	3.41E-07	4.31E-04	1.47E-10	1.0E+06	1.5E-04
53	0.06266	5.29E-03	3.3E-04	1.05E-03	3.47E-07	4.31E-04	1.49E-10	1.0E+06	1.5E-04
54	0.09004	5.29E-03	4.8E-04	1.05E-03	4.98E-07	4.31E-04	2.14E-10	1.0E+06	2.1E-04
55	0.09545	5.29E-03	5.1E-04	1.05E-03	5.28E-07	4.31E-04	2.27E-10	1.0E+06	2.3E-04
56	0.10086	5.29E-03	5.3E-04	1.05E-03	5.58E-07	4.31E-04	2.40E-10	1.0E+06	2.4E-04
57	0.10616	5.29E-03	5.6E-04	1.05E-03	5.87E-07	4.31E-04	2.53E-10	1.0E+06	2.5E-04
58	0.11123	5.29E-03	5.9E-04	1.05E-03	6.15E-07	4.31E-04	2.65E-10	1.0E+06	2.6E-04
59	0.11609	5.29E-03	6.1E-04	1.05E-03	6.42E-07	4.31E-04	2.77E-10	1.0E+06	2.8E-04
60	0.12078	5.29E-03	6.4E-04	1.05E-03	6.68E-07	4.31E-04	2.88E-10	1.0E+06	2.9E-04
61	0.12546	5.29E-03	6.6E-04	1.05E-03	6.94E-07	4.31E-04	2.99E-10	1.0E+06	3.0E-04
62	0.13098	5.29E-03	6.9E-04	1.05E-03	7.25E-07	4.31E-04	3.12E-10	1.0E+06	3.1E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.13702	5.29E-03	7.3E-04	1.05E-03	7.58E-07	4.31E-04	3.26E-10	1.0E+06	3.3E-04
64	0.14412	5.29E-03	7.6E-04	1.05E-03	7.97E-07	4.31E-04	3.43E-10	1.0E+06	3.4E-04
65	0.15313	5.29E-03	8.1E-04	1.05E-03	8.47E-07	4.31E-04	3.65E-10	1.0E+06	3.6E-04
66	0.16455	5.29E-03	8.7E-04	1.05E-03	9.10E-07	4.31E-04	3.92E-10	1.0E+06	3.9E-04
67	0.17767	5.29E-03	9.4E-04	1.05E-03	9.83E-07	4.31E-04	4.23E-10	1.0E+06	4.2E-04
68	0.19216	5.29E-03	1.0E-03	1.05E-03	1.06E-06	4.31E-04	4.58E-10	1.0E+06	4.6E-04
69	0.20703	5.29E-03	1.1E-03	1.05E-03	1.15E-06	4.31E-04	4.93E-10	1.0E+06	4.9E-04
70	0.22106	5.29E-03	1.2E-03	1.05E-03	1.22E-06	4.31E-04	5.27E-10	1.0E+06	5.3E-04
71	0.23308	5.29E-03	1.2E-03	1.05E-03	1.29E-06	4.31E-04	5.55E-10	1.0E+06	5.6E-04
72	0.24209	5.29E-03	1.3E-03	1.05E-03	1.34E-06	4.31E-04	5.77E-10	1.0E+06	5.8E-04
73	0.24745	5.29E-03	1.3E-03	1.05E-03	1.37E-06	4.31E-04	5.89E-10	1.0E+06	5.9E-04
74	0.24889	5.29E-03	1.3E-03	1.05E-03	1.38E-06	4.31E-04	5.93E-10	1.0E+06	5.9E-04
75	0.24655	5.29E-03	1.3E-03	1.05E-03	1.36E-06	4.31E-04	5.87E-10	1.0E+06	5.9E-04
76	0.06324	5.29E-03	3.3E-04	1.05E-03	3.50E-07	4.31E-04	1.51E-10	1.0E+06	1.5E-04
77	0.0667	5.29E-03	3.5E-04	1.05E-03	3.69E-07	4.31E-04	1.59E-10	1.0E+06	1.6E-04
78	0.06822	5.29E-03	3.6E-04	1.05E-03	3.77E-07	4.31E-04	1.62E-10	1.0E+06	1.6E-04
79	0.10046	5.29E-03	5.3E-04	1.05E-03	5.56E-07	4.31E-04	2.39E-10	1.0E+06	2.4E-04
80	0.10726	5.29E-03	5.7E-04	1.05E-03	5.93E-07	4.31E-04	2.55E-10	1.0E+06	2.6E-04
81	0.11416	5.29E-03	6.0E-04	1.05E-03	6.32E-07	4.31E-04	2.72E-10	1.0E+06	2.7E-04
82	0.12101	5.29E-03	6.4E-04	1.05E-03	6.69E-07	4.31E-04	2.88E-10	1.0E+06	2.9E-04
83	0.12768	5.29E-03	6.8E-04	1.05E-03	7.06E-07	4.31E-04	3.04E-10	1.0E+06	3.0E-04
84	0.1341	5.29E-03	7.1E-04	1.05E-03	7.42E-07	4.31E-04	3.19E-10	1.0E+06	3.2E-04
85	0.1403	5.29E-03	7.4E-04	1.05E-03	7.76E-07	4.31E-04	3.34E-10	1.0E+06	3.3E-04
86	0.14704	5.29E-03	7.8E-04	1.05E-03	8.13E-07	4.31E-04	3.50E-10	1.0E+06	3.5E-04
87	0.15399	5.29E-03	8.2E-04	1.05E-03	8.52E-07	4.31E-04	3.67E-10	1.0E+06	3.7E-04
88	0.16164	5.29E-03	8.6E-04	1.05E-03	8.94E-07	4.31E-04	3.85E-10	1.0E+06	3.9E-04
89	0.17129	5.29E-03	9.1E-04	1.05E-03	9.48E-07	4.31E-04	4.08E-10	1.0E+06	4.1E-04
90	0.18378	5.29E-03	9.7E-04	1.05E-03	1.02E-06	4.31E-04	4.38E-10	1.0E+06	4.4E-04
91	0.1993	5.29E-03	1.1E-03	1.05E-03	1.10E-06	4.31E-04	4.75E-10	1.0E+06	4.7E-04
92	0.21702	5.29E-03	1.1E-03	1.05E-03	1.20E-06	4.31E-04	5.17E-10	1.0E+06	5.2E-04
93	0.23593	5.29E-03	1.2E-03	1.05E-03	1.31E-06	4.31E-04	5.62E-10	1.0E+06	5.6E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.25434	5.29E-03	1.3E-03	1.05E-03	1.41E-06	4.31E-04	6.06E-10	1.0E+06	6.1E-04
95	0.2704	5.29E-03	1.4E-03	1.05E-03	1.50E-06	4.31E-04	6.44E-10	1.0E+06	6.4E-04
96	0.28256	5.29E-03	1.5E-03	1.05E-03	1.56E-06	4.31E-04	6.73E-10	1.0E+06	6.7E-04
97	0.28975	5.29E-03	1.5E-03	1.05E-03	1.60E-06	4.31E-04	6.90E-10	1.0E+06	6.9E-04
98	0.29157	5.29E-03	1.5E-03	1.05E-03	1.61E-06	4.31E-04	6.94E-10	1.0E+06	6.9E-04
99	0.28821	5.29E-03	1.5E-03	1.05E-03	1.59E-06	4.31E-04	6.86E-10	1.0E+06	6.9E-04
100	0.28034	5.29E-03	1.5E-03	1.05E-03	1.55E-06	4.31E-04	6.68E-10	1.0E+06	6.7E-04
101	0.06835	5.29E-03	3.6E-04	1.05E-03	3.78E-07	4.31E-04	1.63E-10	1.0E+06	1.6E-04
102	0.07242	5.29E-03	3.8E-04	1.05E-03	4.01E-07	4.31E-04	1.72E-10	1.0E+06	1.7E-04
103	0.07455	5.29E-03	3.9E-04	1.05E-03	4.12E-07	4.31E-04	1.78E-10	1.0E+06	1.8E-04
104	0.11282	5.29E-03	6.0E-04	1.05E-03	6.24E-07	4.31E-04	2.69E-10	1.0E+06	2.7E-04
105	0.1214	5.29E-03	6.4E-04	1.05E-03	6.72E-07	4.31E-04	2.89E-10	1.0E+06	2.9E-04
106	0.13032	5.29E-03	6.9E-04	1.05E-03	7.21E-07	4.31E-04	3.10E-10	1.0E+06	3.1E-04
107	0.13935	5.29E-03	7.4E-04	1.05E-03	7.71E-07	4.31E-04	3.32E-10	1.0E+06	3.3E-04
108	0.14826	5.29E-03	7.8E-04	1.05E-03	8.20E-07	4.31E-04	3.53E-10	1.0E+06	3.5E-04
109	0.1569	5.29E-03	8.3E-04	1.05E-03	8.68E-07	4.31E-04	3.74E-10	1.0E+06	3.7E-04
110	0.16542	5.29E-03	8.8E-04	1.05E-03	9.15E-07	4.31E-04	3.94E-10	1.0E+06	3.9E-04
111	0.17476	5.29E-03	9.3E-04	1.05E-03	9.67E-07	4.31E-04	4.16E-10	1.0E+06	4.2E-04
112	0.18356	5.29E-03	9.7E-04	1.05E-03	1.02E-06	4.31E-04	4.37E-10	1.0E+06	4.4E-04
113	0.19404	5.29E-03	1.0E-03	1.05E-03	1.07E-06	4.31E-04	4.62E-10	1.0E+06	4.6E-04
114	0.20759	5.29E-03	1.1E-03	1.05E-03	1.15E-06	4.31E-04	4.94E-10	1.0E+06	4.9E-04
115	0.22525	5.29E-03	1.2E-03	1.05E-03	1.25E-06	4.31E-04	5.37E-10	1.0E+06	5.4E-04
116	0.24686	5.29E-03	1.3E-03	1.05E-03	1.37E-06	4.31E-04	5.88E-10	1.0E+06	5.9E-04
117	0.27101	5.29E-03	1.4E-03	1.05E-03	1.50E-06	4.31E-04	6.46E-10	1.0E+06	6.5E-04
118	0.29549	5.29E-03	1.6E-03	1.05E-03	1.63E-06	4.31E-04	7.04E-10	1.0E+06	7.0E-04
119	0.31745	5.29E-03	1.7E-03	1.05E-03	1.76E-06	4.31E-04	7.56E-10	1.0E+06	7.6E-04
120	0.33432	5.29E-03	1.8E-03	1.05E-03	1.85E-06	4.31E-04	7.96E-10	1.0E+06	8.0E-04
121	0.3443	5.29E-03	1.8E-03	1.05E-03	1.90E-06	4.31E-04	8.20E-10	1.0E+06	8.2E-04
122	0.3467	5.29E-03	1.8E-03	1.05E-03	1.92E-06	4.31E-04	8.26E-10	1.0E+06	8.3E-04
123	0.34183	5.29E-03	1.8E-03	1.05E-03	1.89E-06	4.31E-04	8.14E-10	1.0E+06	8.1E-04
124	0.33074	5.29E-03	1.8E-03	1.05E-03	1.83E-06	4.31E-04	7.88E-10	1.0E+06	7.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
125	0.07391	5.29E-03	3.9E-04	1.05E-03	4.09E-07	4.31E-04	1.76E-10	1.0E+06	1.8E-04
126	0.07872	5.29E-03	4.2E-04	1.05E-03	4.36E-07	4.31E-04	1.88E-10	1.0E+06	1.9E-04
127	0.08163	5.29E-03	4.3E-04	1.05E-03	4.52E-07	4.31E-04	1.94E-10	1.0E+06	1.9E-04
128	0.13853	5.29E-03	7.3E-04	1.05E-03	7.66E-07	4.31E-04	3.30E-10	1.0E+06	3.3E-04
129	0.15019	5.29E-03	7.9E-04	1.05E-03	8.31E-07	4.31E-04	3.58E-10	1.0E+06	3.6E-04
130	0.16231	5.29E-03	8.6E-04	1.05E-03	8.98E-07	4.31E-04	3.87E-10	1.0E+06	3.9E-04
131	0.17444	5.29E-03	9.2E-04	1.05E-03	9.65E-07	4.31E-04	4.15E-10	1.0E+06	4.2E-04
132	0.18632	5.29E-03	9.9E-04	1.05E-03	1.03E-06	4.31E-04	4.44E-10	1.0E+06	4.4E-04
133	0.19865	5.29E-03	1.1E-03	1.05E-03	1.10E-06	4.31E-04	4.73E-10	1.0E+06	4.7E-04
134	0.21082	5.29E-03	1.1E-03	1.05E-03	1.17E-06	4.31E-04	5.02E-10	1.0E+06	5.0E-04
135	0.22303	5.29E-03	1.2E-03	1.05E-03	1.23E-06	4.31E-04	5.31E-10	1.0E+06	5.3E-04
136	0.2379	5.29E-03	1.3E-03	1.05E-03	1.32E-06	4.31E-04	5.67E-10	1.0E+06	5.7E-04
137	0.25759	5.29E-03	1.4E-03	1.05E-03	1.43E-06	4.31E-04	6.14E-10	1.0E+06	6.1E-04
138	0.28337	5.29E-03	1.5E-03	1.05E-03	1.57E-06	4.31E-04	6.75E-10	1.0E+06	6.7E-04
139	0.31386	5.29E-03	1.7E-03	1.05E-03	1.74E-06	4.31E-04	7.48E-10	1.0E+06	7.5E-04
140	0.34679	5.29E-03	1.8E-03	1.05E-03	1.92E-06	4.31E-04	8.26E-10	1.0E+06	8.3E-04
141	0.37764	5.29E-03	2.0E-03	1.05E-03	2.09E-06	4.31E-04	8.99E-10	1.0E+06	9.0E-04
142	0.40184	5.29E-03	2.1E-03	1.05E-03	2.22E-06	4.31E-04	9.57E-10	1.0E+06	9.6E-04
143	0.41624	5.29E-03	2.2E-03	1.05E-03	2.30E-06	4.31E-04	9.91E-10	1.0E+06	9.9E-04
144	0.41958	5.29E-03	2.2E-03	1.05E-03	2.32E-06	4.31E-04	9.99E-10	1.0E+06	1.0E-03
145	0.41236	5.29E-03	2.2E-03	1.05E-03	2.28E-06	4.31E-04	9.82E-10	1.0E+06	9.8E-04
146	0.39638	5.29E-03	2.1E-03	1.05E-03	2.19E-06	4.31E-04	9.44E-10	1.0E+06	9.4E-04
147	0.07994	5.29E-03	4.2E-04	1.05E-03	4.42E-07	4.31E-04	1.90E-10	1.0E+06	1.9E-04
148	0.08564	5.29E-03	4.5E-04	1.05E-03	4.74E-07	4.31E-04	2.04E-10	1.0E+06	2.0E-04
149	0.08974	5.29E-03	4.8E-04	1.05E-03	4.96E-07	4.31E-04	2.14E-10	1.0E+06	2.1E-04
150	0.15953	5.29E-03	8.4E-04	1.05E-03	8.83E-07	4.31E-04	3.80E-10	1.0E+06	3.8E-04
151	0.17493	5.29E-03	9.3E-04	1.05E-03	9.68E-07	4.31E-04	4.17E-10	1.0E+06	4.2E-04
152	0.19141	5.29E-03	1.0E-03	1.05E-03	1.06E-06	4.31E-04	4.56E-10	1.0E+06	4.6E-04
153	0.20836	5.29E-03	1.1E-03	1.05E-03	1.15E-06	4.31E-04	4.96E-10	1.0E+06	5.0E-04
154	0.2252	5.29E-03	1.2E-03	1.05E-03	1.25E-06	4.31E-04	5.36E-10	1.0E+06	5.4E-04
155	0.24361	5.29E-03	1.3E-03	1.05E-03	1.35E-06	4.31E-04	5.80E-10	1.0E+06	5.8E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.25988	5.29E-03	1.4E-03	1.05E-03	1.44E-06	4.31E-04	6.19E-10	1.0E+06	6.2E-04
157	0.27738	5.29E-03	1.5E-03	1.05E-03	1.53E-06	4.31E-04	6.61E-10	1.0E+06	6.6E-04
158	0.29936	5.29E-03	1.6E-03	1.05E-03	1.66E-06	4.31E-04	7.13E-10	1.0E+06	7.1E-04
159	0.32914	5.29E-03	1.7E-03	1.05E-03	1.82E-06	4.31E-04	7.84E-10	1.0E+06	7.8E-04
160	0.3676	5.29E-03	1.9E-03	1.05E-03	2.03E-06	4.31E-04	8.76E-10	1.0E+06	8.8E-04
161	0.41143	5.29E-03	2.2E-03	1.05E-03	2.28E-06	4.31E-04	9.80E-10	1.0E+06	9.8E-04
162	0.45558	5.29E-03	2.4E-03	1.05E-03	2.52E-06	4.31E-04	1.09E-09	1.0E+06	1.1E-03
163	0.4916	5.29E-03	2.6E-03	1.05E-03	2.72E-06	4.31E-04	1.17E-09	1.0E+06	1.2E-03
164	0.51355	5.29E-03	2.7E-03	1.05E-03	2.84E-06	4.31E-04	1.22E-09	1.0E+06	1.2E-03
165	0.51861	5.29E-03	2.7E-03	1.05E-03	2.87E-06	4.31E-04	1.24E-09	1.0E+06	1.2E-03
166	0.50767	5.29E-03	2.7E-03	1.05E-03	2.81E-06	4.31E-04	1.21E-09	1.0E+06	1.2E-03
167	0.48392	5.29E-03	2.6E-03	1.05E-03	2.68E-06	4.31E-04	1.15E-09	1.0E+06	1.2E-03
168	0.45146	5.29E-03	2.4E-03	1.05E-03	2.50E-06	4.31E-04	1.08E-09	1.0E+06	1.1E-03
169	0.08639	5.29E-03	4.6E-04	1.05E-03	4.78E-07	4.31E-04	2.06E-10	1.0E+06	2.1E-04
170	0.09314	5.29E-03	4.9E-04	1.05E-03	5.15E-07	4.31E-04	2.22E-10	1.0E+06	2.2E-04
171	0.0989	5.29E-03	5.2E-04	1.05E-03	5.47E-07	4.31E-04	2.36E-10	1.0E+06	2.4E-04
172	0.10465	5.29E-03	5.5E-04	1.05E-03	5.79E-07	4.31E-04	2.49E-10	1.0E+06	2.5E-04
173	0.18562	5.29E-03	9.8E-04	1.05E-03	1.03E-06	4.31E-04	4.42E-10	1.0E+06	4.4E-04
174	0.20624	5.29E-03	1.1E-03	1.05E-03	1.14E-06	4.31E-04	4.91E-10	1.0E+06	4.9E-04
175	0.22912	5.29E-03	1.2E-03	1.05E-03	1.27E-06	4.31E-04	5.46E-10	1.0E+06	5.5E-04
176	0.25332	5.29E-03	1.3E-03	1.05E-03	1.40E-06	4.31E-04	6.03E-10	1.0E+06	6.0E-04
177	0.27869	5.29E-03	1.5E-03	1.05E-03	1.54E-06	4.31E-04	6.64E-10	1.0E+06	6.6E-04
178	0.305	5.29E-03	1.6E-03	1.05E-03	1.69E-06	4.31E-04	7.26E-10	1.0E+06	7.3E-04
179	0.329	5.29E-03	1.7E-03	1.05E-03	1.82E-06	4.31E-04	7.84E-10	1.0E+06	7.8E-04
180	0.35532	5.29E-03	1.9E-03	1.05E-03	1.97E-06	4.31E-04	8.46E-10	1.0E+06	8.5E-04
181	0.38918	5.29E-03	2.1E-03	1.05E-03	2.15E-06	4.31E-04	9.27E-10	1.0E+06	9.3E-04
182	0.43607	5.29E-03	2.3E-03	1.05E-03	2.41E-06	4.31E-04	1.04E-09	1.0E+06	1.0E-03
183	0.64061	5.29E-03	3.4E-03	1.05E-03	3.54E-06	4.31E-04	1.53E-09	1.0E+06	1.5E-03
184	0.6041	5.29E-03	3.2E-03	1.05E-03	3.34E-06	4.31E-04	1.44E-09	1.0E+06	1.4E-03
185	0.10117	5.29E-03	5.4E-04	1.05E-03	5.60E-07	4.31E-04	2.41E-10	1.0E+06	2.4E-04
186	0.10884	5.29E-03	5.8E-04	1.05E-03	6.02E-07	4.31E-04	2.59E-10	1.0E+06	2.6E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
187	0.11585	5.29E-03	6.1E-04	1.05E-03	6.41E-07	4.31E-04	2.76E-10	1.0E+06	2.8E-04
188	0.21828	5.29E-03	1.2E-03	1.05E-03	1.21E-06	4.31E-04	5.20E-10	1.0E+06	5.2E-04
189	0.24638	5.29E-03	1.3E-03	1.05E-03	1.36E-06	4.31E-04	5.87E-10	1.0E+06	5.9E-04
190	0.27873	5.29E-03	1.5E-03	1.05E-03	1.54E-06	4.31E-04	6.64E-10	1.0E+06	6.6E-04
191	0.31456	5.29E-03	1.7E-03	1.05E-03	1.74E-06	4.31E-04	7.49E-10	1.0E+06	7.5E-04
192	0.35479	5.29E-03	1.9E-03	1.05E-03	1.96E-06	4.31E-04	8.45E-10	1.0E+06	8.5E-04
193	0.39332	5.29E-03	2.1E-03	1.05E-03	2.18E-06	4.31E-04	9.37E-10	1.0E+06	9.4E-04
194	0.43081	5.29E-03	2.3E-03	1.05E-03	2.38E-06	4.31E-04	1.03E-09	1.0E+06	1.0E-03
195	0.47211	5.29E-03	2.5E-03	1.05E-03	2.61E-06	4.31E-04	1.12E-09	1.0E+06	1.1E-03
196	0.52745	5.29E-03	2.8E-03	1.05E-03	2.92E-06	4.31E-04	1.26E-09	1.0E+06	1.3E-03
197	0.60567	5.29E-03	3.2E-03	1.05E-03	3.35E-06	4.31E-04	1.44E-09	1.0E+06	1.4E-03
198	0.11855	5.29E-03	6.3E-04	1.05E-03	6.56E-07	4.31E-04	2.82E-10	1.0E+06	2.8E-04
199	0.12882	5.29E-03	6.8E-04	1.05E-03	7.13E-07	4.31E-04	3.07E-10	1.0E+06	3.1E-04
200	0.12925	5.29E-03	6.8E-04	1.05E-03	7.15E-07	4.31E-04	3.08E-10	1.0E+06	3.1E-04
201	0.14258	5.29E-03	7.5E-04	1.05E-03	7.89E-07	4.31E-04	3.40E-10	1.0E+06	3.4E-04
202	0.15549	5.29E-03	8.2E-04	1.05E-03	8.60E-07	4.31E-04	3.70E-10	1.0E+06	3.7E-04
203	0.1562	5.29E-03	8.3E-04	1.05E-03	8.64E-07	4.31E-04	3.72E-10	1.0E+06	3.7E-04
204	0.17505	5.29E-03	9.3E-04	1.05E-03	9.68E-07	4.31E-04	4.17E-10	1.0E+06	4.2E-04
205	0.19538	5.29E-03	1.0E-03	1.05E-03	1.08E-06	4.31E-04	4.65E-10	1.0E+06	4.7E-04
206	0.19374	5.29E-03	1.0E-03	1.05E-03	1.07E-06	4.31E-04	4.61E-10	1.0E+06	4.6E-04
207	0.22017	5.29E-03	1.2E-03	1.05E-03	1.22E-06	4.31E-04	5.24E-10	1.0E+06	5.2E-04
208	0.25252	5.29E-03	1.3E-03	1.05E-03	1.40E-06	4.31E-04	6.01E-10	1.0E+06	6.0E-04
209	0.21285	5.29E-03	1.1E-03	1.05E-03	1.18E-06	4.31E-04	5.07E-10	1.0E+06	5.1E-04
210	0.24723	5.29E-03	1.3E-03	1.05E-03	1.37E-06	4.31E-04	5.89E-10	1.0E+06	5.9E-04
211	0.28666	5.29E-03	1.5E-03	1.05E-03	1.59E-06	4.31E-04	6.83E-10	1.0E+06	6.8E-04
212	0.2749	5.29E-03	1.5E-03	1.05E-03	1.52E-06	4.31E-04	6.55E-10	1.0E+06	6.5E-04
213	0.3276	5.29E-03	1.7E-03	1.05E-03	1.81E-06	4.31E-04	7.80E-10	1.0E+06	7.8E-04
214	0.38982	5.29E-03	2.1E-03	1.05E-03	2.16E-06	4.31E-04	9.29E-10	1.0E+06	9.3E-04
215	0.30613	5.29E-03	1.6E-03	1.05E-03	1.69E-06	4.31E-04	7.29E-10	1.0E+06	7.3E-04
216	0.36942	5.29E-03	2.0E-03	1.05E-03	2.04E-06	4.31E-04	8.80E-10	1.0E+06	8.8E-04
217	0.4467	5.29E-03	2.4E-03	1.05E-03	2.47E-06	4.31E-04	1.06E-09	1.0E+06	1.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
218	0.51111	5.29E-03	2.7E-03	1.05E-03	2.83E-06	4.31E-04	1.22E-09	1.0E+06	1.2E-03
219	0.65113	5.29E-03	3.4E-03	1.05E-03	3.60E-06	4.31E-04	1.55E-09	1.0E+06	1.6E-03
220	0.57396	5.29E-03	3.0E-03	1.05E-03	3.18E-06	4.31E-04	1.37E-09	1.0E+06	1.4E-03
221	0.72683	5.29E-03	3.8E-03	1.05E-03	4.02E-06	4.31E-04	1.73E-09	1.0E+06	1.7E-03
222	0.61507	5.29E-03	3.3E-03	1.05E-03	3.40E-06	4.31E-04	1.47E-09	1.0E+06	1.5E-03
223	0.76966	5.29E-03	4.1E-03	1.05E-03	4.26E-06	4.31E-04	1.83E-09	1.0E+06	1.8E-03
224	0.99586	5.29E-03	5.3E-03	1.05E-03	5.51E-06	4.31E-04	2.37E-09	1.0E+06	2.4E-03
225	0.76269	5.29E-03	4.0E-03	1.05E-03	4.22E-06	4.31E-04	1.82E-09	1.0E+06	1.8E-03
226	0.94296	5.29E-03	5.0E-03	1.05E-03	5.22E-06	4.31E-04	2.25E-09	1.0E+06	2.2E-03
227	0.19427	5.29E-03	1.0E-03	1.05E-03	1.07E-06	4.31E-04	4.63E-10	1.0E+06	4.6E-04
228	0.16919	5.29E-03	9.0E-04	1.05E-03	9.36E-07	4.31E-04	4.03E-10	1.0E+06	4.0E-04
229	0.14866	5.29E-03	7.9E-04	1.05E-03	8.22E-07	4.31E-04	3.54E-10	1.0E+06	3.5E-04
230	0.13167	5.29E-03	7.0E-04	1.05E-03	7.28E-07	4.31E-04	3.14E-10	1.0E+06	3.1E-04
231	0.1732	5.29E-03	9.2E-04	1.05E-03	9.58E-07	4.31E-04	4.13E-10	1.0E+06	4.1E-04
232	0.15242	5.29E-03	8.1E-04	1.05E-03	8.43E-07	4.31E-04	3.63E-10	1.0E+06	3.6E-04
233	0.13515	5.29E-03	7.2E-04	1.05E-03	7.48E-07	4.31E-04	3.22E-10	1.0E+06	3.2E-04
234	0.12064	5.29E-03	6.4E-04	1.05E-03	6.67E-07	4.31E-04	2.87E-10	1.0E+06	2.9E-04
235	0.15491	5.29E-03	8.2E-04	1.05E-03	8.57E-07	4.31E-04	3.69E-10	1.0E+06	3.7E-04
236	0.1377	5.29E-03	7.3E-04	1.05E-03	7.62E-07	4.31E-04	3.28E-10	1.0E+06	3.3E-04
237	0.12313	5.29E-03	6.5E-04	1.05E-03	6.81E-07	4.31E-04	2.93E-10	1.0E+06	2.9E-04
238	0.11074	5.29E-03	5.9E-04	1.05E-03	6.13E-07	4.31E-04	2.64E-10	1.0E+06	2.6E-04
239	2.32737	5.29E-03	1.2E-02	1.05E-03	1.29E-05	4.31E-04	5.54E-09	1.0E+06	5.5E-03
240	1.94136	5.29E-03	1.0E-02	1.05E-03	1.07E-05	4.31E-04	4.62E-09	1.0E+06	4.6E-03
241	1.62497	5.29E-03	8.6E-03	1.05E-03	8.99E-06	4.31E-04	3.87E-09	1.0E+06	3.9E-03
242	1.36813	5.29E-03	7.2E-03	1.05E-03	7.57E-06	4.31E-04	3.26E-09	1.0E+06	3.3E-03
243	1.79999	5.29E-03	9.5E-03	1.05E-03	9.96E-06	4.31E-04	4.29E-09	1.0E+06	4.3E-03
244	1.54538	5.29E-03	8.2E-03	1.05E-03	8.55E-06	4.31E-04	3.68E-09	1.0E+06	3.7E-03
245	1.32696	5.29E-03	7.0E-03	1.05E-03	7.34E-06	4.31E-04	3.16E-09	1.0E+06	3.2E-03
246	1.14199	5.29E-03	6.0E-03	1.05E-03	6.32E-06	4.31E-04	2.72E-09	1.0E+06	2.7E-03
247	1.4297	5.29E-03	7.6E-03	1.05E-03	7.91E-06	4.31E-04	3.41E-09	1.0E+06	3.4E-03
248	1.25469	5.29E-03	6.6E-03	1.05E-03	6.94E-06	4.31E-04	2.99E-09	1.0E+06	3.0E-03



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
249	1.09937	5.29E-03	5.8E-03	1.05E-03	6.08E-06	4.31E-04	2.62E-09	1.0E+06	2.6E-03
250	0.96327	5.29E-03	5.1E-03	1.05E-03	5.33E-06	4.31E-04	2.29E-09	1.0E+06	2.3E-03
251	0.44966	5.29E-03	2.4E-03	1.05E-03	2.49E-06	4.31E-04	1.07E-09	1.0E+06	1.1E-03
252	0.41215	5.29E-03	2.2E-03	1.05E-03	2.28E-06	4.31E-04	9.82E-10	1.0E+06	9.8E-04
253	0.50803	5.29E-03	2.7E-03	1.05E-03	2.81E-06	4.31E-04	1.21E-09	1.0E+06	1.2E-03
254	0.47041	5.29E-03	2.5E-03	1.05E-03	2.60E-06	4.31E-04	1.12E-09	1.0E+06	1.1E-03
255	0.40174	5.29E-03	2.1E-03	1.05E-03	2.22E-06	4.31E-04	9.57E-10	1.0E+06	9.6E-04
256	0.37082	5.29E-03	2.0E-03	1.05E-03	2.05E-06	4.31E-04	8.83E-10	1.0E+06	8.8E-04
257	0.29248	5.29E-03	1.5E-03	1.05E-03	1.62E-06	4.31E-04	6.97E-10	1.0E+06	7.0E-04
258	0.44707	5.29E-03	2.4E-03	1.05E-03	2.47E-06	4.31E-04	1.06E-09	1.0E+06	1.1E-03
259	0.41671	5.29E-03	2.2E-03	1.05E-03	2.31E-06	4.31E-04	9.93E-10	1.0E+06	9.9E-04
260	0.38781	5.29E-03	2.1E-03	1.05E-03	2.15E-06	4.31E-04	9.24E-10	1.0E+06	9.2E-04
261	0.36056	5.29E-03	1.9E-03	1.05E-03	1.99E-06	4.31E-04	8.59E-10	1.0E+06	8.6E-04
262	0.33495	5.29E-03	1.8E-03	1.05E-03	1.85E-06	4.31E-04	7.98E-10	1.0E+06	8.0E-04
263	0.26861	5.29E-03	1.4E-03	1.05E-03	1.49E-06	4.31E-04	6.40E-10	1.0E+06	6.4E-04
264	0.37128	5.29E-03	2.0E-03	1.05E-03	2.05E-06	4.31E-04	8.84E-10	1.0E+06	8.8E-04
265	0.34761	5.29E-03	1.8E-03	1.05E-03	1.92E-06	4.31E-04	8.28E-10	1.0E+06	8.3E-04
266	0.32505	5.29E-03	1.7E-03	1.05E-03	1.80E-06	4.31E-04	7.74E-10	1.0E+06	7.7E-04
267	0.30366	5.29E-03	1.6E-03	1.05E-03	1.68E-06	4.31E-04	7.23E-10	1.0E+06	7.2E-04
268	0.24733	5.29E-03	1.3E-03	1.05E-03	1.37E-06	4.31E-04	5.89E-10	1.0E+06	5.9E-04
269	0.42479	5.29E-03	2.2E-03	1.05E-03	2.35E-06	4.31E-04	1.01E-09	1.0E+06	1.0E-03
270	0.34992	5.29E-03	1.9E-03	1.05E-03	1.94E-06	4.31E-04	8.33E-10	1.0E+06	8.3E-04
271	0.29244	5.29E-03	1.5E-03	1.05E-03	1.62E-06	4.31E-04	6.97E-10	1.0E+06	7.0E-04
272	0.24763	5.29E-03	1.3E-03	1.05E-03	1.37E-06	4.31E-04	5.90E-10	1.0E+06	5.9E-04
273	0.2122	5.29E-03	1.1E-03	1.05E-03	1.17E-06	4.31E-04	5.05E-10	1.0E+06	5.1E-04
274	0.18383	5.29E-03	9.7E-04	1.05E-03	1.02E-06	4.31E-04	4.38E-10	1.0E+06	4.4E-04
275	0.16082	5.29E-03	8.5E-04	1.05E-03	8.90E-07	4.31E-04	3.83E-10	1.0E+06	3.8E-04
276	0.38014	5.29E-03	2.0E-03	1.05E-03	2.10E-06	4.31E-04	9.05E-10	1.0E+06	9.1E-04
277	0.31361	5.29E-03	1.7E-03	1.05E-03	1.74E-06	4.31E-04	7.47E-10	1.0E+06	7.5E-04
278	0.26286	5.29E-03	1.4E-03	1.05E-03	1.45E-06	4.31E-04	6.26E-10	1.0E+06	6.3E-04
279	0.22341	5.29E-03	1.2E-03	1.05E-03	1.24E-06	4.31E-04	5.32E-10	1.0E+06	5.3E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
280	0.19225	5.29E-03	1.0E-03	1.05E-03	1.06E-06	4.31E-04	4.58E-10	1.0E+06	4.6E-04
281	0.16727	5.29E-03	8.9E-04	1.05E-03	9.25E-07	4.31E-04	3.98E-10	1.0E+06	4.0E-04
282	0.14696	5.29E-03	7.8E-04	1.05E-03	8.13E-07	4.31E-04	3.50E-10	1.0E+06	3.5E-04
283	0.33378	5.29E-03	1.8E-03	1.05E-03	1.85E-06	4.31E-04	7.95E-10	1.0E+06	8.0E-04
284	0.2773	5.29E-03	1.5E-03	1.05E-03	1.53E-06	4.31E-04	6.60E-10	1.0E+06	6.6E-04
285	0.23407	5.29E-03	1.2E-03	1.05E-03	1.29E-06	4.31E-04	5.58E-10	1.0E+06	5.6E-04
286	0.20028	5.29E-03	1.1E-03	1.05E-03	1.11E-06	4.31E-04	4.77E-10	1.0E+06	4.8E-04
287	0.17344	5.29E-03	9.2E-04	1.05E-03	9.60E-07	4.31E-04	4.13E-10	1.0E+06	4.1E-04
288	0.15179	5.29E-03	8.0E-04	1.05E-03	8.40E-07	4.31E-04	3.62E-10	1.0E+06	3.6E-04
289	0.1341	5.29E-03	7.1E-04	1.05E-03	7.42E-07	4.31E-04	3.19E-10	1.0E+06	3.2E-04
290	0.29099	5.29E-03	1.5E-03	1.05E-03	1.61E-06	4.31E-04	6.93E-10	1.0E+06	6.9E-04
291	0.24425	5.29E-03	1.3E-03	1.05E-03	1.35E-06	4.31E-04	5.82E-10	1.0E+06	5.8E-04
292	0.20804	5.29E-03	1.1E-03	1.05E-03	1.15E-06	4.31E-04	4.96E-10	1.0E+06	5.0E-04
293	0.17947	5.29E-03	9.5E-04	1.05E-03	9.93E-07	4.31E-04	4.27E-10	1.0E+06	4.3E-04
294	0.15655	5.29E-03	8.3E-04	1.05E-03	8.66E-07	4.31E-04	3.73E-10	1.0E+06	3.7E-04
295	0.13792	5.29E-03	7.3E-04	1.05E-03	7.63E-07	4.31E-04	3.29E-10	1.0E+06	3.3E-04
296	0.12256	5.29E-03	6.5E-04	1.05E-03	6.78E-07	4.31E-04	2.92E-10	1.0E+06	2.9E-04
297	0.2545	5.29E-03	1.3E-03	1.05E-03	1.41E-06	4.31E-04	6.06E-10	1.0E+06	6.1E-04
298	0.21596	5.29E-03	1.1E-03	1.05E-03	1.19E-06	4.31E-04	5.14E-10	1.0E+06	5.1E-04
299	0.18569	5.29E-03	9.8E-04	1.05E-03	1.03E-06	4.31E-04	4.42E-10	1.0E+06	4.4E-04
300	0.16152	5.29E-03	8.5E-04	1.05E-03	8.94E-07	4.31E-04	3.85E-10	1.0E+06	3.8E-04
301	0.14194	5.29E-03	7.5E-04	1.05E-03	7.85E-07	4.31E-04	3.38E-10	1.0E+06	3.4E-04
302	0.12585	5.29E-03	6.7E-04	1.05E-03	6.96E-07	4.31E-04	3.00E-10	1.0E+06	3.0E-04
303	0.11248	5.29E-03	6.0E-04	1.05E-03	6.22E-07	4.31E-04	2.68E-10	1.0E+06	2.7E-04
304	0.22442	5.29E-03	1.2E-03	1.05E-03	1.24E-06	4.31E-04	5.35E-10	1.0E+06	5.3E-04
305	0.19242	5.29E-03	1.0E-03	1.05E-03	1.06E-06	4.31E-04	4.58E-10	1.0E+06	4.6E-04
306	0.16695	5.29E-03	8.8E-04	1.05E-03	9.24E-07	4.31E-04	3.98E-10	1.0E+06	4.0E-04
307	0.14635	5.29E-03	7.7E-04	1.05E-03	8.10E-07	4.31E-04	3.49E-10	1.0E+06	3.5E-04
308	0.12948	5.29E-03	6.9E-04	1.05E-03	7.16E-07	4.31E-04	3.08E-10	1.0E+06	3.1E-04
309	0.11549	5.29E-03	6.1E-04	1.05E-03	6.39E-07	4.31E-04	2.75E-10	1.0E+06	2.8E-04
310	0.10378	5.29E-03	5.5E-04	1.05E-03	5.74E-07	4.31E-04	2.47E-10	1.0E+06	2.5E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.19983	5.29E-03	1.1E-03	1.05E-03	1.11E-06	4.31E-04	4.76E-10	1.0E+06	4.8E-04
312	0.17293	5.29E-03	9.2E-04	1.05E-03	9.57E-07	4.31E-04	4.12E-10	1.0E+06	4.1E-04
313	0.15126	5.29E-03	8.0E-04	1.05E-03	8.37E-07	4.31E-04	3.60E-10	1.0E+06	3.6E-04
314	0.13354	5.29E-03	7.1E-04	1.05E-03	7.39E-07	4.31E-04	3.18E-10	1.0E+06	3.2E-04
315	0.11888	5.29E-03	6.3E-04	1.05E-03	6.58E-07	4.31E-04	2.83E-10	1.0E+06	2.8E-04
316	0.10662	5.29E-03	5.6E-04	1.05E-03	5.90E-07	4.31E-04	2.54E-10	1.0E+06	2.5E-04
317	0.09626	5.29E-03	5.1E-04	1.05E-03	5.33E-07	4.31E-04	2.29E-10	1.0E+06	2.3E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Grading Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	5.36E-05
2	5	5.60E-05
3	5	5.68E-05
4	5	7.79E-05
5	5	8.16E-05
6	5	8.52E-05
7	5	8.87E-05
8	5	9.20E-05
9	5	9.51E-05
10	5	9.81E-05
11	5	1.01E-04
12	5	1.05E-04
13	5	1.09E-04
14	5	1.13E-04
15	5	1.18E-04
16	5	1.25E-04
17	5	1.33E-04
18	5	1.42E-04
19	5	1.52E-04
20	5	1.63E-04
21	5	1.72E-04
22	5	1.81E-04
23	5	1.89E-04
24	5	1.95E-04
25	5	1.98E-04
26	5	5.76E-05
27	5	6.03E-05
28	5	6.12E-05
29	5	8.59E-05
30	5	9.05E-05
31	5	9.50E-05

Max	Receptor #
0.002	239

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	9.94E-05
33	5	1.04E-04
34	5	1.08E-04
35	5	1.11E-04
36	5	1.15E-04
37	5	1.20E-04
38	5	1.25E-04
39	5	1.30E-04
40	5	1.38E-04
41	5	1.47E-04
42	5	1.57E-04
43	5	1.69E-04
44	5	1.81E-04
45	5	1.94E-04
46	5	2.05E-04
47	5	2.15E-04
48	5	2.22E-04
49	5	2.27E-04
50	5	2.28E-04
51	5	6.20E-05
52	5	6.52E-05
53	5	6.63E-05
54	5	9.53E-05
55	5	1.01E-04
56	5	1.07E-04
57	5	1.12E-04
58	5	1.18E-04
59	5	1.23E-04
60	5	1.28E-04
61	5	1.33E-04
62	5	1.39E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	1.45E-04
64	5	1.53E-04
65	5	1.62E-04
66	5	1.74E-04
67	5	1.88E-04
68	5	2.03E-04
69	5	2.19E-04
70	5	2.34E-04
71	5	2.47E-04
72	5	2.56E-04
73	5	2.62E-04
74	5	2.63E-04
75	5	2.61E-04
76	5	6.69E-05
77	5	7.06E-05
78	5	7.22E-05
79	5	1.06E-04
80	5	1.14E-04
81	5	1.21E-04
82	5	1.28E-04
83	5	1.35E-04
84	5	1.42E-04
85	5	1.49E-04
86	5	1.56E-04
87	5	1.63E-04
88	5	1.71E-04
89	5	1.81E-04
90	5	1.95E-04
91	5	2.11E-04
92	5	2.30E-04
93	5	2.50E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	2.69E-04
95	5	2.86E-04
96	5	2.99E-04
97	5	3.07E-04
98	5	3.09E-04
99	5	3.05E-04
100	5	2.97E-04
101	5	7.24E-05
102	5	7.67E-05
103	5	7.89E-05
104	5	1.19E-04
105	5	1.29E-04
106	5	1.38E-04
107	5	1.48E-04
108	5	1.57E-04
109	5	1.66E-04
110	5	1.75E-04
111	5	1.85E-04
112	5	1.94E-04
113	5	2.05E-04
114	5	2.20E-04
115	5	2.38E-04
116	5	2.61E-04
117	5	2.87E-04
118	5	3.13E-04
119	5	3.36E-04
120	5	3.54E-04
121	5	3.64E-04
122	5	3.67E-04
123	5	3.62E-04
124	5	3.50E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	7.82E-05
126	5	8.33E-05
127	5	8.64E-05
128	5	1.47E-04
129	5	1.59E-04
130	5	1.72E-04
131	5	1.85E-04
132	5	1.97E-04
133	5	2.10E-04
134	5	2.23E-04
135	5	2.36E-04
136	5	2.52E-04
137	5	2.73E-04
138	5	3.00E-04
139	5	3.32E-04
140	5	3.67E-04
141	5	4.00E-04
142	5	4.25E-04
143	5	4.41E-04
144	5	4.44E-04
145	5	4.37E-04
146	5	4.20E-04
147	5	8.46E-05
148	5	9.07E-05
149	5	9.50E-05
150	5	1.69E-04
151	5	1.85E-04
152	5	2.03E-04
153	5	2.21E-04
154	5	2.38E-04
155	5	2.58E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	2.75E-04
157	5	2.94E-04
158	5	3.17E-04
159	5	3.48E-04
160	5	3.89E-04
161	5	4.36E-04
162	5	4.82E-04
163	5	5.20E-04
164	5	5.44E-04
165	5	5.49E-04
166	5	5.37E-04
167	5	5.12E-04
168	5	4.78E-04
169	5	9.15E-05
170	5	9.86E-05
171	5	1.05E-04
172	5	1.11E-04
173	5	1.97E-04
174	5	2.18E-04
175	5	2.43E-04
176	5	2.68E-04
177	5	2.95E-04
178	5	3.23E-04
179	5	3.48E-04
180	5	3.76E-04
181	5	4.12E-04
182	5	4.62E-04
183	5	6.78E-04
184	5	6.40E-04
185	5	1.07E-04
186	5	1.15E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	1.23E-04
188	5	2.31E-04
189	5	2.61E-04
190	5	2.95E-04
191	5	3.33E-04
192	5	3.76E-04
193	5	4.16E-04
194	5	4.56E-04
195	5	5.00E-04
196	5	5.58E-04
197	5	6.41E-04
198	5	1.26E-04
199	5	1.36E-04
200	5	1.37E-04
201	5	1.51E-04
202	5	1.65E-04
203	5	1.65E-04
204	5	1.85E-04
205	5	2.07E-04
206	5	2.05E-04
207	5	2.33E-04
208	5	2.67E-04
209	5	2.25E-04
210	5	2.62E-04
211	5	3.03E-04
212	5	2.91E-04
213	5	3.47E-04
214	5	4.13E-04
215	5	3.24E-04
216	5	3.91E-04
217	5	4.73E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	5.41E-04
219	5	6.89E-04
220	5	6.08E-04
221	5	7.69E-04
222	5	6.51E-04
223	5	8.15E-04
224	5	1.05E-03
225	5	8.07E-04
226	5	9.98E-04
227	5	2.06E-04
228	5	1.79E-04
229	5	1.57E-04
230	5	1.39E-04
231	5	1.83E-04
232	5	1.61E-04
233	5	1.43E-04
234	5	1.28E-04
235	5	1.64E-04
236	5	1.46E-04
237	5	1.30E-04
238	5	1.17E-04
239	5	2.46E-03
240	5	2.06E-03
241	5	1.72E-03
242	5	1.45E-03
243	5	1.91E-03
244	5	1.64E-03
245	5	1.40E-03
246	5	1.21E-03
247	5	1.51E-03
248	5	1.33E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	1.16E-03
250	5	1.02E-03
251	5	4.76E-04
252	5	4.36E-04
253	5	5.38E-04
254	5	4.98E-04
255	5	4.25E-04
256	5	3.93E-04
257	5	3.10E-04
258	5	4.73E-04
259	5	4.41E-04
260	5	4.11E-04
261	5	3.82E-04
262	5	3.55E-04
263	5	2.84E-04
264	5	3.93E-04
265	5	3.68E-04
266	5	3.44E-04
267	5	3.21E-04
268	5	2.62E-04
269	5	4.50E-04
270	5	3.70E-04
271	5	3.10E-04
272	5	2.62E-04
273	5	2.25E-04
274	5	1.95E-04
275	5	1.70E-04
276	5	4.02E-04
277	5	3.32E-04
278	5	2.78E-04
279	5	2.37E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	2.04E-04
281	5	1.77E-04
282	5	1.56E-04
283	5	3.53E-04
284	5	2.94E-04
285	5	2.48E-04
286	5	2.12E-04
287	5	1.84E-04
288	5	1.61E-04
289	5	1.42E-04
290	5	3.08E-04
291	5	2.59E-04
292	5	2.20E-04
293	5	1.90E-04
294	5	1.66E-04
295	5	1.46E-04
296	5	1.30E-04
297	5	2.69E-04
298	5	2.29E-04
299	5	1.97E-04
300	5	1.71E-04
301	5	1.50E-04
302	5	1.33E-04
303	5	1.19E-04
304	5	2.38E-04
305	5	2.04E-04
306	5	1.77E-04
307	5	1.55E-04
308	5	1.37E-04
309	5	1.22E-04
310	5	1.10E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	2.12E-04
312	5	1.83E-04
313	5	1.60E-04
314	5	1.41E-04
315	5	1.26E-04
316	5	1.13E-04
317	5	1.02E-04

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Parcel 4-F: Unmitigated - Parcel 4 - Building Construction Risk

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05049	4.04E-03	2.0E-04	1.05E-03	2.13E-07	4.31E-04	9.17E-11	1.0E+06	9.2E-05
2	0.05275	4.04E-03	2.1E-04	1.05E-03	2.23E-07	4.31E-04	9.58E-11	1.0E+06	9.6E-05
3	0.05347	4.04E-03	2.2E-04	1.05E-03	2.26E-07	4.31E-04	9.71E-11	1.0E+06	9.7E-05
4	0.0735	4.04E-03	3.0E-04	1.05E-03	3.10E-07	4.31E-04	1.33E-10	1.0E+06	1.3E-04
5	0.07711	4.04E-03	3.1E-04	1.05E-03	3.25E-07	4.31E-04	1.40E-10	1.0E+06	1.4E-04
6	0.08065	4.04E-03	3.3E-04	1.05E-03	3.40E-07	4.31E-04	1.46E-10	1.0E+06	1.5E-04
7	0.08406	4.04E-03	3.4E-04	1.05E-03	3.55E-07	4.31E-04	1.53E-10	1.0E+06	1.5E-04
8	0.08731	4.04E-03	3.5E-04	1.05E-03	3.68E-07	4.31E-04	1.59E-10	1.0E+06	1.6E-04
9	0.09038	4.04E-03	3.6E-04	1.05E-03	3.81E-07	4.31E-04	1.64E-10	1.0E+06	1.6E-04
10	0.09334	4.04E-03	3.8E-04	1.05E-03	3.94E-07	4.31E-04	1.70E-10	1.0E+06	1.7E-04
11	0.09627	4.04E-03	3.9E-04	1.05E-03	4.06E-07	4.31E-04	1.75E-10	1.0E+06	1.7E-04
12	0.09941	4.04E-03	4.0E-04	1.05E-03	4.19E-07	4.31E-04	1.81E-10	1.0E+06	1.8E-04
13	0.10311	4.04E-03	4.2E-04	1.05E-03	4.35E-07	4.31E-04	1.87E-10	1.0E+06	1.9E-04
14	0.10724	4.04E-03	4.3E-04	1.05E-03	4.52E-07	4.31E-04	1.95E-10	1.0E+06	1.9E-04
15	0.11217	4.04E-03	4.5E-04	1.05E-03	4.73E-07	4.31E-04	2.04E-10	1.0E+06	2.0E-04
16	0.11838	4.04E-03	4.8E-04	1.05E-03	4.99E-07	4.31E-04	2.15E-10	1.0E+06	2.1E-04
17	0.12587	4.04E-03	5.1E-04	1.05E-03	5.31E-07	4.31E-04	2.29E-10	1.0E+06	2.3E-04
18	0.13442	4.04E-03	5.4E-04	1.05E-03	5.67E-07	4.31E-04	2.44E-10	1.0E+06	2.4E-04
19	0.14389	4.04E-03	5.8E-04	1.05E-03	6.07E-07	4.31E-04	2.61E-10	1.0E+06	2.6E-04
20	0.15382	4.04E-03	6.2E-04	1.05E-03	6.49E-07	4.31E-04	2.79E-10	1.0E+06	2.8E-04
21	0.16361	4.04E-03	6.6E-04	1.05E-03	6.90E-07	4.31E-04	2.97E-10	1.0E+06	3.0E-04
22	0.17267	4.04E-03	7.0E-04	1.05E-03	7.28E-07	4.31E-04	3.14E-10	1.0E+06	3.1E-04
23	0.18039	4.04E-03	7.3E-04	1.05E-03	7.61E-07	4.31E-04	3.28E-10	1.0E+06	3.3E-04
24	0.18629	4.04E-03	7.5E-04	1.05E-03	7.86E-07	4.31E-04	3.38E-10	1.0E+06	3.4E-04
25	0.19003	4.04E-03	7.7E-04	1.05E-03	8.02E-07	4.31E-04	3.45E-10	1.0E+06	3.5E-04
26	0.05422	4.04E-03	2.2E-04	1.05E-03	2.29E-07	4.31E-04	9.85E-11	1.0E+06	9.8E-05
27	0.05679	4.04E-03	2.3E-04	1.05E-03	2.40E-07	4.31E-04	1.03E-10	1.0E+06	1.0E-04
28	0.05764	4.04E-03	2.3E-04	1.05E-03	2.43E-07	4.31E-04	1.05E-10	1.0E+06	1.0E-04
29	0.08104	4.04E-03	3.3E-04	1.05E-03	3.42E-07	4.31E-04	1.47E-10	1.0E+06	1.5E-04
30	0.08551	4.04E-03	3.5E-04	1.05E-03	3.61E-07	4.31E-04	1.55E-10	1.0E+06	1.6E-04
31	0.08994	4.04E-03	3.6E-04	1.05E-03	3.79E-07	4.31E-04	1.63E-10	1.0E+06	1.6E-04

<b>Max</b>	<b>Receptor #</b>
0.004	239



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.09425	4.04E-03	3.8E-04	1.05E-03	3.98E-07	4.31E-04	1.71E-10	1.0E+06	1.7E-04
33	0.09835	4.04E-03	4.0E-04	1.05E-03	4.15E-07	4.31E-04	1.79E-10	1.0E+06	1.8E-04
34	0.10225	4.04E-03	4.1E-04	1.05E-03	4.31E-07	4.31E-04	1.86E-10	1.0E+06	1.9E-04
35	0.10599	4.04E-03	4.3E-04	1.05E-03	4.47E-07	4.31E-04	1.92E-10	1.0E+06	1.9E-04
36	0.10968	4.04E-03	4.4E-04	1.05E-03	4.63E-07	4.31E-04	1.99E-10	1.0E+06	2.0E-04
37	0.11385	4.04E-03	4.6E-04	1.05E-03	4.80E-07	4.31E-04	2.07E-10	1.0E+06	2.1E-04
38	0.11855	4.04E-03	4.8E-04	1.05E-03	5.00E-07	4.31E-04	2.15E-10	1.0E+06	2.2E-04
39	0.1237	4.04E-03	5.0E-04	1.05E-03	5.22E-07	4.31E-04	2.25E-10	1.0E+06	2.2E-04
40	0.13016	4.04E-03	5.3E-04	1.05E-03	5.49E-07	4.31E-04	2.36E-10	1.0E+06	2.4E-04
41	0.13841	4.04E-03	5.6E-04	1.05E-03	5.84E-07	4.31E-04	2.51E-10	1.0E+06	2.5E-04
42	0.14817	4.04E-03	6.0E-04	1.05E-03	6.25E-07	4.31E-04	2.69E-10	1.0E+06	2.7E-04
43	0.15934	4.04E-03	6.4E-04	1.05E-03	6.72E-07	4.31E-04	2.89E-10	1.0E+06	2.9E-04
44	0.17143	4.04E-03	6.9E-04	1.05E-03	7.23E-07	4.31E-04	3.11E-10	1.0E+06	3.1E-04
45	0.18367	4.04E-03	7.4E-04	1.05E-03	7.75E-07	4.31E-04	3.34E-10	1.0E+06	3.3E-04
46	0.19518	4.04E-03	7.9E-04	1.05E-03	8.23E-07	4.31E-04	3.54E-10	1.0E+06	3.5E-04
47	0.20512	4.04E-03	8.3E-04	1.05E-03	8.65E-07	4.31E-04	3.73E-10	1.0E+06	3.7E-04
48	0.21275	4.04E-03	8.6E-04	1.05E-03	8.97E-07	4.31E-04	3.86E-10	1.0E+06	3.9E-04
49	0.21758	4.04E-03	8.8E-04	1.05E-03	9.18E-07	4.31E-04	3.95E-10	1.0E+06	4.0E-04
50	0.21936	4.04E-03	8.9E-04	1.05E-03	9.25E-07	4.31E-04	3.98E-10	1.0E+06	4.0E-04
51	0.05837	4.04E-03	2.4E-04	1.05E-03	2.46E-07	4.31E-04	1.06E-10	1.0E+06	1.1E-04
52	0.06133	4.04E-03	2.5E-04	1.05E-03	2.59E-07	4.31E-04	1.11E-10	1.0E+06	1.1E-04
53	0.06242	4.04E-03	2.5E-04	1.05E-03	2.63E-07	4.31E-04	1.13E-10	1.0E+06	1.1E-04
54	0.08981	4.04E-03	3.6E-04	1.05E-03	3.79E-07	4.31E-04	1.63E-10	1.0E+06	1.6E-04
55	0.09536	4.04E-03	3.8E-04	1.05E-03	4.02E-07	4.31E-04	1.73E-10	1.0E+06	1.7E-04
56	0.10095	4.04E-03	4.1E-04	1.05E-03	4.26E-07	4.31E-04	1.83E-10	1.0E+06	1.8E-04
57	0.10645	4.04E-03	4.3E-04	1.05E-03	4.49E-07	4.31E-04	1.93E-10	1.0E+06	1.9E-04
58	0.11174	4.04E-03	4.5E-04	1.05E-03	4.71E-07	4.31E-04	2.03E-10	1.0E+06	2.0E-04
59	0.1168	4.04E-03	4.7E-04	1.05E-03	4.93E-07	4.31E-04	2.12E-10	1.0E+06	2.1E-04
60	0.12165	4.04E-03	4.9E-04	1.05E-03	5.13E-07	4.31E-04	2.21E-10	1.0E+06	2.2E-04
61	0.12641	4.04E-03	5.1E-04	1.05E-03	5.33E-07	4.31E-04	2.30E-10	1.0E+06	2.3E-04
62	0.1319	4.04E-03	5.3E-04	1.05E-03	5.56E-07	4.31E-04	2.40E-10	1.0E+06	2.4E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
63	0.13778	4.04E-03	5.6E-04	1.05E-03	5.81E-07	4.31E-04	2.50E-10	1.0E+06	2.5E-04
64	0.14458	4.04E-03	5.8E-04	1.05E-03	6.10E-07	4.31E-04	2.63E-10	1.0E+06	2.6E-04
65	0.15324	4.04E-03	6.2E-04	1.05E-03	6.46E-07	4.31E-04	2.78E-10	1.0E+06	2.8E-04
66	0.16438	4.04E-03	6.6E-04	1.05E-03	6.93E-07	4.31E-04	2.99E-10	1.0E+06	3.0E-04
67	0.17742	4.04E-03	7.2E-04	1.05E-03	7.48E-07	4.31E-04	3.22E-10	1.0E+06	3.2E-04
68	0.19213	4.04E-03	7.8E-04	1.05E-03	8.10E-07	4.31E-04	3.49E-10	1.0E+06	3.5E-04
69	0.20753	4.04E-03	8.4E-04	1.05E-03	8.75E-07	4.31E-04	3.77E-10	1.0E+06	3.8E-04
70	0.22239	4.04E-03	9.0E-04	1.05E-03	9.38E-07	4.31E-04	4.04E-10	1.0E+06	4.0E-04
71	0.23543	4.04E-03	9.5E-04	1.05E-03	9.93E-07	4.31E-04	4.28E-10	1.0E+06	4.3E-04
72	0.24552	4.04E-03	9.9E-04	1.05E-03	1.04E-06	4.31E-04	4.46E-10	1.0E+06	4.5E-04
73	0.25187	4.04E-03	1.0E-03	1.05E-03	1.06E-06	4.31E-04	4.57E-10	1.0E+06	4.6E-04
74	0.25414	4.04E-03	1.0E-03	1.05E-03	1.07E-06	4.31E-04	4.62E-10	1.0E+06	4.6E-04
75	0.25239	4.04E-03	1.0E-03	1.05E-03	1.06E-06	4.31E-04	4.58E-10	1.0E+06	4.6E-04
76	0.06295	4.04E-03	2.5E-04	1.05E-03	2.66E-07	4.31E-04	1.14E-10	1.0E+06	1.1E-04
77	0.06639	4.04E-03	2.7E-04	1.05E-03	2.80E-07	4.31E-04	1.21E-10	1.0E+06	1.2E-04
78	0.06792	4.04E-03	2.7E-04	1.05E-03	2.86E-07	4.31E-04	1.23E-10	1.0E+06	1.2E-04
79	0.10008	4.04E-03	4.0E-04	1.05E-03	4.22E-07	4.31E-04	1.82E-10	1.0E+06	1.8E-04
80	0.10702	4.04E-03	4.3E-04	1.05E-03	4.51E-07	4.31E-04	1.94E-10	1.0E+06	1.9E-04
81	0.11413	4.04E-03	4.6E-04	1.05E-03	4.81E-07	4.31E-04	2.07E-10	1.0E+06	2.1E-04
82	0.12124	4.04E-03	4.9E-04	1.05E-03	5.11E-07	4.31E-04	2.20E-10	1.0E+06	2.2E-04
83	0.12819	4.04E-03	5.2E-04	1.05E-03	5.41E-07	4.31E-04	2.33E-10	1.0E+06	2.3E-04
84	0.13489	4.04E-03	5.4E-04	1.05E-03	5.69E-07	4.31E-04	2.45E-10	1.0E+06	2.4E-04
85	0.14132	4.04E-03	5.7E-04	1.05E-03	5.96E-07	4.31E-04	2.57E-10	1.0E+06	2.6E-04
86	0.14818	4.04E-03	6.0E-04	1.05E-03	6.25E-07	4.31E-04	2.69E-10	1.0E+06	2.7E-04
87	0.15509	4.04E-03	6.3E-04	1.05E-03	6.54E-07	4.31E-04	2.82E-10	1.0E+06	2.8E-04
88	0.16247	4.04E-03	6.6E-04	1.05E-03	6.85E-07	4.31E-04	2.95E-10	1.0E+06	3.0E-04
89	0.17167	4.04E-03	6.9E-04	1.05E-03	7.24E-07	4.31E-04	3.12E-10	1.0E+06	3.1E-04
90	0.18368	4.04E-03	7.4E-04	1.05E-03	7.75E-07	4.31E-04	3.34E-10	1.0E+06	3.3E-04
91	0.19888	4.04E-03	8.0E-04	1.05E-03	8.39E-07	4.31E-04	3.61E-10	1.0E+06	3.6E-04
92	0.21667	4.04E-03	8.7E-04	1.05E-03	9.14E-07	4.31E-04	3.93E-10	1.0E+06	3.9E-04
93	0.23614	4.04E-03	9.5E-04	1.05E-03	9.96E-07	4.31E-04	4.29E-10	1.0E+06	4.3E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
94	0.25558	4.04E-03	1.0E-03	1.05E-03	1.08E-06	4.31E-04	4.64E-10	1.0E+06	4.6E-04
95	0.27301	4.04E-03	1.1E-03	1.05E-03	1.15E-06	4.31E-04	4.96E-10	1.0E+06	5.0E-04
96	0.28668	4.04E-03	1.2E-03	1.05E-03	1.21E-06	4.31E-04	5.21E-10	1.0E+06	5.2E-04
97	0.29531	4.04E-03	1.2E-03	1.05E-03	1.25E-06	4.31E-04	5.36E-10	1.0E+06	5.4E-04
98	0.2983	4.04E-03	1.2E-03	1.05E-03	1.26E-06	4.31E-04	5.42E-10	1.0E+06	5.4E-04
99	0.29575	4.04E-03	1.2E-03	1.05E-03	1.25E-06	4.31E-04	5.37E-10	1.0E+06	5.4E-04
100	0.28828	4.04E-03	1.2E-03	1.05E-03	1.22E-06	4.31E-04	5.24E-10	1.0E+06	5.2E-04
101	0.06796	4.04E-03	2.7E-04	1.05E-03	2.87E-07	4.31E-04	1.23E-10	1.0E+06	1.2E-04
102	0.07202	4.04E-03	2.9E-04	1.05E-03	3.04E-07	4.31E-04	1.31E-10	1.0E+06	1.3E-04
103	0.07416	4.04E-03	3.0E-04	1.05E-03	3.13E-07	4.31E-04	1.35E-10	1.0E+06	1.3E-04
104	0.11224	4.04E-03	4.5E-04	1.05E-03	4.73E-07	4.31E-04	2.04E-10	1.0E+06	2.0E-04
105	0.12094	4.04E-03	4.9E-04	1.05E-03	5.10E-07	4.31E-04	2.20E-10	1.0E+06	2.2E-04
106	0.13011	4.04E-03	5.3E-04	1.05E-03	5.49E-07	4.31E-04	2.36E-10	1.0E+06	2.4E-04
107	0.13945	4.04E-03	5.6E-04	1.05E-03	5.88E-07	4.31E-04	2.53E-10	1.0E+06	2.5E-04
108	0.14874	4.04E-03	6.0E-04	1.05E-03	6.27E-07	4.31E-04	2.70E-10	1.0E+06	2.7E-04
109	0.15775	4.04E-03	6.4E-04	1.05E-03	6.65E-07	4.31E-04	2.86E-10	1.0E+06	2.9E-04
110	0.1666	4.04E-03	6.7E-04	1.05E-03	7.03E-07	4.31E-04	3.03E-10	1.0E+06	3.0E-04
111	0.17613	4.04E-03	7.1E-04	1.05E-03	7.43E-07	4.31E-04	3.20E-10	1.0E+06	3.2E-04
112	0.18485	4.04E-03	7.5E-04	1.05E-03	7.80E-07	4.31E-04	3.36E-10	1.0E+06	3.4E-04
113	0.1949	4.04E-03	7.9E-04	1.05E-03	8.22E-07	4.31E-04	3.54E-10	1.0E+06	3.5E-04
114	0.20776	4.04E-03	8.4E-04	1.05E-03	8.76E-07	4.31E-04	3.77E-10	1.0E+06	3.8E-04
115	0.22476	4.04E-03	9.1E-04	1.05E-03	9.48E-07	4.31E-04	4.08E-10	1.0E+06	4.1E-04
116	0.24606	4.04E-03	9.9E-04	1.05E-03	1.04E-06	4.31E-04	4.47E-10	1.0E+06	4.5E-04
117	0.2707	4.04E-03	1.1E-03	1.05E-03	1.14E-06	4.31E-04	4.92E-10	1.0E+06	4.9E-04
118	0.29641	4.04E-03	1.2E-03	1.05E-03	1.25E-06	4.31E-04	5.38E-10	1.0E+06	5.4E-04
119	0.32024	4.04E-03	1.3E-03	1.05E-03	1.35E-06	4.31E-04	5.82E-10	1.0E+06	5.8E-04
120	0.33929	4.04E-03	1.4E-03	1.05E-03	1.43E-06	4.31E-04	6.16E-10	1.0E+06	6.2E-04
121	0.35139	4.04E-03	1.4E-03	1.05E-03	1.48E-06	4.31E-04	6.38E-10	1.0E+06	6.4E-04
122	0.3555	4.04E-03	1.4E-03	1.05E-03	1.50E-06	4.31E-04	6.46E-10	1.0E+06	6.5E-04
123	0.35175	4.04E-03	1.4E-03	1.05E-03	1.48E-06	4.31E-04	6.39E-10	1.0E+06	6.4E-04
124	0.34118	4.04E-03	1.4E-03	1.05E-03	1.44E-06	4.31E-04	6.20E-10	1.0E+06	6.2E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
125	0.0734	4.04E-03	3.0E-04	1.05E-03	3.10E-07	4.31E-04	1.33E-10	1.0E+06	1.3E-04
126	0.07818	4.04E-03	3.2E-04	1.05E-03	3.30E-07	4.31E-04	1.42E-10	1.0E+06	1.4E-04
127	0.0811	4.04E-03	3.3E-04	1.05E-03	3.42E-07	4.31E-04	1.47E-10	1.0E+06	1.5E-04
128	0.13776	4.04E-03	5.6E-04	1.05E-03	5.81E-07	4.31E-04	2.50E-10	1.0E+06	2.5E-04
129	0.14966	4.04E-03	6.0E-04	1.05E-03	6.31E-07	4.31E-04	2.72E-10	1.0E+06	2.7E-04
130	0.16217	4.04E-03	6.5E-04	1.05E-03	6.84E-07	4.31E-04	2.95E-10	1.0E+06	2.9E-04
131	0.17479	4.04E-03	7.1E-04	1.05E-03	7.37E-07	4.31E-04	3.17E-10	1.0E+06	3.2E-04
132	0.18721	4.04E-03	7.6E-04	1.05E-03	7.90E-07	4.31E-04	3.40E-10	1.0E+06	3.4E-04
133	0.20004	4.04E-03	8.1E-04	1.05E-03	8.44E-07	4.31E-04	3.63E-10	1.0E+06	3.6E-04
134	0.21248	4.04E-03	8.6E-04	1.05E-03	8.96E-07	4.31E-04	3.86E-10	1.0E+06	3.9E-04
135	0.22453	4.04E-03	9.1E-04	1.05E-03	9.47E-07	4.31E-04	4.08E-10	1.0E+06	4.1E-04
136	0.23867	4.04E-03	9.6E-04	1.05E-03	1.01E-06	4.31E-04	4.33E-10	1.0E+06	4.3E-04
137	0.25728	4.04E-03	1.0E-03	1.05E-03	1.09E-06	4.31E-04	4.67E-10	1.0E+06	4.7E-04
138	0.28221	4.04E-03	1.1E-03	1.05E-03	1.19E-06	4.31E-04	5.13E-10	1.0E+06	5.1E-04
139	0.3126	4.04E-03	1.3E-03	1.05E-03	1.32E-06	4.31E-04	5.68E-10	1.0E+06	5.7E-04
140	0.34686	4.04E-03	1.4E-03	1.05E-03	1.46E-06	4.31E-04	6.30E-10	1.0E+06	6.3E-04
141	0.38027	4.04E-03	1.5E-03	1.05E-03	1.60E-06	4.31E-04	6.91E-10	1.0E+06	6.9E-04
142	0.40778	4.04E-03	1.6E-03	1.05E-03	1.72E-06	4.31E-04	7.41E-10	1.0E+06	7.4E-04
143	0.42541	4.04E-03	1.7E-03	1.05E-03	1.79E-06	4.31E-04	7.73E-10	1.0E+06	7.7E-04
144	0.43136	4.04E-03	1.7E-03	1.05E-03	1.82E-06	4.31E-04	7.83E-10	1.0E+06	7.8E-04
145	0.42579	4.04E-03	1.7E-03	1.05E-03	1.80E-06	4.31E-04	7.73E-10	1.0E+06	7.7E-04
146	0.41044	4.04E-03	1.7E-03	1.05E-03	1.73E-06	4.31E-04	7.45E-10	1.0E+06	7.5E-04
147	0.07926	4.04E-03	3.2E-04	1.05E-03	3.34E-07	4.31E-04	1.44E-10	1.0E+06	1.4E-04
148	0.08492	4.04E-03	3.4E-04	1.05E-03	3.58E-07	4.31E-04	1.54E-10	1.0E+06	1.5E-04
149	0.08901	4.04E-03	3.6E-04	1.05E-03	3.75E-07	4.31E-04	1.62E-10	1.0E+06	1.6E-04
150	0.15834	4.04E-03	6.4E-04	1.05E-03	6.68E-07	4.31E-04	2.88E-10	1.0E+06	2.9E-04
151	0.17392	4.04E-03	7.0E-04	1.05E-03	7.34E-07	4.31E-04	3.16E-10	1.0E+06	3.2E-04
152	0.19083	4.04E-03	7.7E-04	1.05E-03	8.05E-07	4.31E-04	3.47E-10	1.0E+06	3.5E-04
153	0.20843	4.04E-03	8.4E-04	1.05E-03	8.79E-07	4.31E-04	3.79E-10	1.0E+06	3.8E-04
154	0.22603	4.04E-03	9.1E-04	1.05E-03	9.53E-07	4.31E-04	4.10E-10	1.0E+06	4.1E-04
155	0.2452	4.04E-03	9.9E-04	1.05E-03	1.03E-06	4.31E-04	4.45E-10	1.0E+06	4.5E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.26189	4.04E-03	1.1E-03	1.05E-03	1.10E-06	4.31E-04	4.76E-10	1.0E+06	4.8E-04
157	0.27906	4.04E-03	1.1E-03	1.05E-03	1.18E-06	4.31E-04	5.07E-10	1.0E+06	5.1E-04
158	0.29978	4.04E-03	1.2E-03	1.05E-03	1.26E-06	4.31E-04	5.44E-10	1.0E+06	5.4E-04
159	0.32784	4.04E-03	1.3E-03	1.05E-03	1.38E-06	4.31E-04	5.95E-10	1.0E+06	6.0E-04
160	0.36533	4.04E-03	1.5E-03	1.05E-03	1.54E-06	4.31E-04	6.63E-10	1.0E+06	6.6E-04
161	0.40998	4.04E-03	1.7E-03	1.05E-03	1.73E-06	4.31E-04	7.45E-10	1.0E+06	7.4E-04
162	0.45742	4.04E-03	1.8E-03	1.05E-03	1.93E-06	4.31E-04	8.31E-10	1.0E+06	8.3E-04
163	0.49834	4.04E-03	2.0E-03	1.05E-03	2.10E-06	4.31E-04	9.05E-10	1.0E+06	9.1E-04
164	0.5255	4.04E-03	2.1E-03	1.05E-03	2.22E-06	4.31E-04	9.54E-10	1.0E+06	9.5E-04
165	0.53479	4.04E-03	2.2E-03	1.05E-03	2.26E-06	4.31E-04	9.71E-10	1.0E+06	9.7E-04
166	0.52639	4.04E-03	2.1E-03	1.05E-03	2.22E-06	4.31E-04	9.56E-10	1.0E+06	9.6E-04
167	0.50344	4.04E-03	2.0E-03	1.05E-03	2.12E-06	4.31E-04	9.14E-10	1.0E+06	9.1E-04
168	0.47037	4.04E-03	1.9E-03	1.05E-03	1.98E-06	4.31E-04	8.54E-10	1.0E+06	8.5E-04
169	0.0855	4.04E-03	3.5E-04	1.05E-03	3.61E-07	4.31E-04	1.55E-10	1.0E+06	1.6E-04
170	0.09218	4.04E-03	3.7E-04	1.05E-03	3.89E-07	4.31E-04	1.67E-10	1.0E+06	1.7E-04
171	0.0979	4.04E-03	4.0E-04	1.05E-03	4.13E-07	4.31E-04	1.78E-10	1.0E+06	1.8E-04
172	0.10361	4.04E-03	4.2E-04	1.05E-03	4.37E-07	4.31E-04	1.88E-10	1.0E+06	1.9E-04
173	0.18383	4.04E-03	7.4E-04	1.05E-03	7.75E-07	4.31E-04	3.34E-10	1.0E+06	3.3E-04
174	0.20449	4.04E-03	8.3E-04	1.05E-03	8.63E-07	4.31E-04	3.71E-10	1.0E+06	3.7E-04
175	0.22777	4.04E-03	9.2E-04	1.05E-03	9.61E-07	4.31E-04	4.14E-10	1.0E+06	4.1E-04
176	0.25277	4.04E-03	1.0E-03	1.05E-03	1.07E-06	4.31E-04	4.59E-10	1.0E+06	4.6E-04
177	0.27923	4.04E-03	1.1E-03	1.05E-03	1.18E-06	4.31E-04	5.07E-10	1.0E+06	5.1E-04
178	0.3067	4.04E-03	1.2E-03	1.05E-03	1.29E-06	4.31E-04	5.57E-10	1.0E+06	5.6E-04
179	0.33138	4.04E-03	1.3E-03	1.05E-03	1.40E-06	4.31E-04	6.02E-10	1.0E+06	6.0E-04
180	0.35706	4.04E-03	1.4E-03	1.05E-03	1.51E-06	4.31E-04	6.48E-10	1.0E+06	6.5E-04
181	0.38857	4.04E-03	1.6E-03	1.05E-03	1.64E-06	4.31E-04	7.06E-10	1.0E+06	7.1E-04
182	0.43273	4.04E-03	1.7E-03	1.05E-03	1.83E-06	4.31E-04	7.86E-10	1.0E+06	7.9E-04
183	0.66771	4.04E-03	2.7E-03	1.05E-03	2.82E-06	4.31E-04	1.21E-09	1.0E+06	1.2E-03
184	0.63216	4.04E-03	2.6E-03	1.05E-03	2.67E-06	4.31E-04	1.15E-09	1.0E+06	1.1E-03
185	0.09991	4.04E-03	4.0E-04	1.05E-03	4.21E-07	4.31E-04	1.81E-10	1.0E+06	1.8E-04
186	0.1075	4.04E-03	4.3E-04	1.05E-03	4.53E-07	4.31E-04	1.95E-10	1.0E+06	2.0E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
187	0.11442	4.04E-03	4.6E-04	1.05E-03	4.83E-07	4.31E-04	2.08E-10	1.0E+06	2.1E-04
188	0.21559	4.04E-03	8.7E-04	1.05E-03	9.09E-07	4.31E-04	3.92E-10	1.0E+06	3.9E-04
189	0.2435	4.04E-03	9.8E-04	1.05E-03	1.03E-06	4.31E-04	4.42E-10	1.0E+06	4.4E-04
190	0.27604	4.04E-03	1.1E-03	1.05E-03	1.16E-06	4.31E-04	5.01E-10	1.0E+06	5.0E-04
191	0.31274	4.04E-03	1.3E-03	1.05E-03	1.32E-06	4.31E-04	5.68E-10	1.0E+06	5.7E-04
192	0.35449	4.04E-03	1.4E-03	1.05E-03	1.50E-06	4.31E-04	6.44E-10	1.0E+06	6.4E-04
193	0.39485	4.04E-03	1.6E-03	1.05E-03	1.67E-06	4.31E-04	7.17E-10	1.0E+06	7.2E-04
194	0.4335	4.04E-03	1.7E-03	1.05E-03	1.83E-06	4.31E-04	7.87E-10	1.0E+06	7.9E-04
195	0.4734	4.04E-03	1.9E-03	1.05E-03	2.00E-06	4.31E-04	8.60E-10	1.0E+06	8.6E-04
196	0.5241	4.04E-03	2.1E-03	1.05E-03	2.21E-06	4.31E-04	9.52E-10	1.0E+06	9.5E-04
197	0.59827	4.04E-03	2.4E-03	1.05E-03	2.52E-06	4.31E-04	1.09E-09	1.0E+06	1.1E-03
198	0.11678	4.04E-03	4.7E-04	1.05E-03	4.93E-07	4.31E-04	2.12E-10	1.0E+06	2.1E-04
199	0.12689	4.04E-03	5.1E-04	1.05E-03	5.35E-07	4.31E-04	2.30E-10	1.0E+06	2.3E-04
200	0.12696	4.04E-03	5.1E-04	1.05E-03	5.36E-07	4.31E-04	2.31E-10	1.0E+06	2.3E-04
201	0.13999	4.04E-03	5.6E-04	1.05E-03	5.90E-07	4.31E-04	2.54E-10	1.0E+06	2.5E-04
202	0.15261	4.04E-03	6.2E-04	1.05E-03	6.44E-07	4.31E-04	2.77E-10	1.0E+06	2.8E-04
203	0.15283	4.04E-03	6.2E-04	1.05E-03	6.45E-07	4.31E-04	2.78E-10	1.0E+06	2.8E-04
204	0.17112	4.04E-03	6.9E-04	1.05E-03	7.22E-07	4.31E-04	3.11E-10	1.0E+06	3.1E-04
205	0.19084	4.04E-03	7.7E-04	1.05E-03	8.05E-07	4.31E-04	3.47E-10	1.0E+06	3.5E-04
206	0.1886	4.04E-03	7.6E-04	1.05E-03	7.96E-07	4.31E-04	3.43E-10	1.0E+06	3.4E-04
207	0.214	4.04E-03	8.6E-04	1.05E-03	9.03E-07	4.31E-04	3.89E-10	1.0E+06	3.9E-04
208	0.24504	4.04E-03	9.9E-04	1.05E-03	1.03E-06	4.31E-04	4.45E-10	1.0E+06	4.5E-04
209	0.20642	4.04E-03	8.3E-04	1.05E-03	8.71E-07	4.31E-04	3.75E-10	1.0E+06	3.7E-04
210	0.23917	4.04E-03	9.7E-04	1.05E-03	1.01E-06	4.31E-04	4.34E-10	1.0E+06	4.3E-04
211	0.27656	4.04E-03	1.1E-03	1.05E-03	1.17E-06	4.31E-04	5.02E-10	1.0E+06	5.0E-04
212	0.26496	4.04E-03	1.1E-03	1.05E-03	1.12E-06	4.31E-04	4.81E-10	1.0E+06	4.8E-04
213	0.3145	4.04E-03	1.3E-03	1.05E-03	1.33E-06	4.31E-04	5.71E-10	1.0E+06	5.7E-04
214	0.37255	4.04E-03	1.5E-03	1.05E-03	1.57E-06	4.31E-04	6.77E-10	1.0E+06	6.8E-04
215	0.29428	4.04E-03	1.2E-03	1.05E-03	1.24E-06	4.31E-04	5.34E-10	1.0E+06	5.3E-04
216	0.35342	4.04E-03	1.4E-03	1.05E-03	1.49E-06	4.31E-04	6.42E-10	1.0E+06	6.4E-04
217	0.42496	4.04E-03	1.7E-03	1.05E-03	1.79E-06	4.31E-04	7.72E-10	1.0E+06	7.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
218	0.48469	4.04E-03	2.0E-03	1.05E-03	2.04E-06	4.31E-04	8.80E-10	1.0E+06	8.8E-04
219	0.61249	4.04E-03	2.5E-03	1.05E-03	2.58E-06	4.31E-04	1.11E-09	1.0E+06	1.1E-03
220	0.54319	4.04E-03	2.2E-03	1.05E-03	2.29E-06	4.31E-04	9.86E-10	1.0E+06	9.9E-04
221	0.68239	4.04E-03	2.8E-03	1.05E-03	2.88E-06	4.31E-04	1.24E-09	1.0E+06	1.2E-03
222	0.58147	4.04E-03	2.3E-03	1.05E-03	2.45E-06	4.31E-04	1.06E-09	1.0E+06	1.1E-03
223	0.72214	4.04E-03	2.9E-03	1.05E-03	3.05E-06	4.31E-04	1.31E-09	1.0E+06	1.3E-03
224	0.92576	4.04E-03	3.7E-03	1.05E-03	3.90E-06	4.31E-04	1.68E-09	1.0E+06	1.7E-03
225	0.71615	4.04E-03	2.9E-03	1.05E-03	3.02E-06	4.31E-04	1.30E-09	1.0E+06	1.3E-03
226	0.87857	4.04E-03	3.5E-03	1.05E-03	3.71E-06	4.31E-04	1.60E-09	1.0E+06	1.6E-03
227	0.19797	4.04E-03	8.0E-04	1.05E-03	8.35E-07	4.31E-04	3.60E-10	1.0E+06	3.6E-04
228	0.17232	4.04E-03	7.0E-04	1.05E-03	7.27E-07	4.31E-04	3.13E-10	1.0E+06	3.1E-04
229	0.15131	4.04E-03	6.1E-04	1.05E-03	6.38E-07	4.31E-04	2.75E-10	1.0E+06	2.7E-04
230	0.13393	4.04E-03	5.4E-04	1.05E-03	5.65E-07	4.31E-04	2.43E-10	1.0E+06	2.4E-04
231	0.17612	4.04E-03	7.1E-04	1.05E-03	7.43E-07	4.31E-04	3.20E-10	1.0E+06	3.2E-04
232	0.15496	4.04E-03	6.3E-04	1.05E-03	6.54E-07	4.31E-04	2.81E-10	1.0E+06	2.8E-04
233	0.13734	4.04E-03	5.5E-04	1.05E-03	5.79E-07	4.31E-04	2.49E-10	1.0E+06	2.5E-04
234	0.12255	4.04E-03	4.9E-04	1.05E-03	5.17E-07	4.31E-04	2.23E-10	1.0E+06	2.2E-04
235	0.15722	4.04E-03	6.3E-04	1.05E-03	6.63E-07	4.31E-04	2.86E-10	1.0E+06	2.9E-04
236	0.13974	4.04E-03	5.6E-04	1.05E-03	5.89E-07	4.31E-04	2.54E-10	1.0E+06	2.5E-04
237	0.12494	4.04E-03	5.0E-04	1.05E-03	5.27E-07	4.31E-04	2.27E-10	1.0E+06	2.3E-04
238	0.11233	4.04E-03	4.5E-04	1.05E-03	4.74E-07	4.31E-04	2.04E-10	1.0E+06	2.0E-04
239	2.27883	4.04E-03	9.2E-03	1.05E-03	9.61E-06	4.31E-04	4.14E-09	1.0E+06	4.1E-03
240	1.93128	4.04E-03	7.8E-03	1.05E-03	8.15E-06	4.31E-04	3.51E-09	1.0E+06	3.5E-03
241	1.63532	4.04E-03	6.6E-03	1.05E-03	6.90E-06	4.31E-04	2.97E-09	1.0E+06	3.0E-03
242	1.38764	4.04E-03	5.6E-03	1.05E-03	5.85E-06	4.31E-04	2.52E-09	1.0E+06	2.5E-03
243	1.76485	4.04E-03	7.1E-03	1.05E-03	7.44E-06	4.31E-04	3.21E-09	1.0E+06	3.2E-03
244	1.53475	4.04E-03	6.2E-03	1.05E-03	6.47E-06	4.31E-04	2.79E-09	1.0E+06	2.8E-03
245	1.33112	4.04E-03	5.4E-03	1.05E-03	5.61E-06	4.31E-04	2.42E-09	1.0E+06	2.4E-03
246	1.15407	4.04E-03	4.7E-03	1.05E-03	4.87E-06	4.31E-04	2.10E-09	1.0E+06	2.1E-03
247	1.40331	4.04E-03	5.7E-03	1.05E-03	5.92E-06	4.31E-04	2.55E-09	1.0E+06	2.5E-03
248	1.24447	4.04E-03	5.0E-03	1.05E-03	5.25E-06	4.31E-04	2.26E-09	1.0E+06	2.3E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
249	1.09995	4.04E-03	4.4E-03	1.05E-03	4.64E-06	4.31E-04	2.00E-09	1.0E+06	2.0E-03
250	0.97037	4.04E-03	3.9E-03	1.05E-03	4.09E-06	4.31E-04	1.76E-09	1.0E+06	1.8E-03
251	0.45259	4.04E-03	1.8E-03	1.05E-03	1.91E-06	4.31E-04	8.22E-10	1.0E+06	8.2E-04
252	0.41596	4.04E-03	1.7E-03	1.05E-03	1.75E-06	4.31E-04	7.55E-10	1.0E+06	7.6E-04
253	0.50493	4.04E-03	2.0E-03	1.05E-03	2.13E-06	4.31E-04	9.17E-10	1.0E+06	9.2E-04
254	0.46941	4.04E-03	1.9E-03	1.05E-03	1.98E-06	4.31E-04	8.52E-10	1.0E+06	8.5E-04
255	0.40366	4.04E-03	1.6E-03	1.05E-03	1.70E-06	4.31E-04	7.33E-10	1.0E+06	7.3E-04
256	0.3736	4.04E-03	1.5E-03	1.05E-03	1.58E-06	4.31E-04	6.78E-10	1.0E+06	6.8E-04
257	0.29617	4.04E-03	1.2E-03	1.05E-03	1.25E-06	4.31E-04	5.38E-10	1.0E+06	5.4E-04
258	0.44413	4.04E-03	1.8E-03	1.05E-03	1.87E-06	4.31E-04	8.07E-10	1.0E+06	8.1E-04
259	0.41541	4.04E-03	1.7E-03	1.05E-03	1.75E-06	4.31E-04	7.54E-10	1.0E+06	7.5E-04
260	0.3879	4.04E-03	1.6E-03	1.05E-03	1.64E-06	4.31E-04	7.04E-10	1.0E+06	7.0E-04
261	0.36174	4.04E-03	1.5E-03	1.05E-03	1.53E-06	4.31E-04	6.57E-10	1.0E+06	6.6E-04
262	0.33693	4.04E-03	1.4E-03	1.05E-03	1.42E-06	4.31E-04	6.12E-10	1.0E+06	6.1E-04
263	0.2716	4.04E-03	1.1E-03	1.05E-03	1.15E-06	4.31E-04	4.93E-10	1.0E+06	4.9E-04
264	0.36985	4.04E-03	1.5E-03	1.05E-03	1.56E-06	4.31E-04	6.72E-10	1.0E+06	6.7E-04
265	0.34731	4.04E-03	1.4E-03	1.05E-03	1.47E-06	4.31E-04	6.31E-10	1.0E+06	6.3E-04
266	0.32569	4.04E-03	1.3E-03	1.05E-03	1.37E-06	4.31E-04	5.91E-10	1.0E+06	5.9E-04
267	0.30503	4.04E-03	1.2E-03	1.05E-03	1.29E-06	4.31E-04	5.54E-10	1.0E+06	5.5E-04
268	0.24976	4.04E-03	1.0E-03	1.05E-03	1.05E-06	4.31E-04	4.54E-10	1.0E+06	4.5E-04
269	0.44171	4.04E-03	1.8E-03	1.05E-03	1.86E-06	4.31E-04	8.02E-10	1.0E+06	8.0E-04
270	0.36215	4.04E-03	1.5E-03	1.05E-03	1.53E-06	4.31E-04	6.58E-10	1.0E+06	6.6E-04
271	0.3015	4.04E-03	1.2E-03	1.05E-03	1.27E-06	4.31E-04	5.48E-10	1.0E+06	5.5E-04
272	0.2545	4.04E-03	1.0E-03	1.05E-03	1.07E-06	4.31E-04	4.62E-10	1.0E+06	4.6E-04
273	0.21751	4.04E-03	8.8E-04	1.05E-03	9.17E-07	4.31E-04	3.95E-10	1.0E+06	4.0E-04
274	0.18801	4.04E-03	7.6E-04	1.05E-03	7.93E-07	4.31E-04	3.41E-10	1.0E+06	3.4E-04
275	0.16416	4.04E-03	6.6E-04	1.05E-03	6.92E-07	4.31E-04	2.98E-10	1.0E+06	3.0E-04
276	0.39303	4.04E-03	1.6E-03	1.05E-03	1.66E-06	4.31E-04	7.14E-10	1.0E+06	7.1E-04
277	0.32302	4.04E-03	1.3E-03	1.05E-03	1.36E-06	4.31E-04	5.87E-10	1.0E+06	5.9E-04
278	0.26993	4.04E-03	1.1E-03	1.05E-03	1.14E-06	4.31E-04	4.90E-10	1.0E+06	4.9E-04
279	0.22884	4.04E-03	9.2E-04	1.05E-03	9.65E-07	4.31E-04	4.16E-10	1.0E+06	4.2E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
280	0.19651	4.04E-03	7.9E-04	1.05E-03	8.29E-07	4.31E-04	3.57E-10	1.0E+06	3.6E-04
281	0.17067	4.04E-03	6.9E-04	1.05E-03	7.20E-07	4.31E-04	3.10E-10	1.0E+06	3.1E-04
282	0.14972	4.04E-03	6.0E-04	1.05E-03	6.32E-07	4.31E-04	2.72E-10	1.0E+06	2.7E-04
283	0.34329	4.04E-03	1.4E-03	1.05E-03	1.45E-06	4.31E-04	6.23E-10	1.0E+06	6.2E-04
284	0.28443	4.04E-03	1.1E-03	1.05E-03	1.20E-06	4.31E-04	5.17E-10	1.0E+06	5.2E-04
285	0.23955	4.04E-03	9.7E-04	1.05E-03	1.01E-06	4.31E-04	4.35E-10	1.0E+06	4.4E-04
286	0.20458	4.04E-03	8.3E-04	1.05E-03	8.63E-07	4.31E-04	3.72E-10	1.0E+06	3.7E-04
287	0.17687	4.04E-03	7.1E-04	1.05E-03	7.46E-07	4.31E-04	3.21E-10	1.0E+06	3.2E-04
288	0.15458	4.04E-03	6.2E-04	1.05E-03	6.52E-07	4.31E-04	2.81E-10	1.0E+06	2.8E-04
289	0.13639	4.04E-03	5.5E-04	1.05E-03	5.75E-07	4.31E-04	2.48E-10	1.0E+06	2.5E-04
290	0.29815	4.04E-03	1.2E-03	1.05E-03	1.26E-06	4.31E-04	5.41E-10	1.0E+06	5.4E-04
291	0.24978	4.04E-03	1.0E-03	1.05E-03	1.05E-06	4.31E-04	4.54E-10	1.0E+06	4.5E-04
292	0.21241	4.04E-03	8.6E-04	1.05E-03	8.96E-07	4.31E-04	3.86E-10	1.0E+06	3.9E-04
293	0.18297	4.04E-03	7.4E-04	1.05E-03	7.72E-07	4.31E-04	3.32E-10	1.0E+06	3.3E-04
294	0.1594	4.04E-03	6.4E-04	1.05E-03	6.72E-07	4.31E-04	2.89E-10	1.0E+06	2.9E-04
295	0.14027	4.04E-03	5.7E-04	1.05E-03	5.92E-07	4.31E-04	2.55E-10	1.0E+06	2.5E-04
296	0.12452	4.04E-03	5.0E-04	1.05E-03	5.25E-07	4.31E-04	2.26E-10	1.0E+06	2.3E-04
297	0.26023	4.04E-03	1.1E-03	1.05E-03	1.10E-06	4.31E-04	4.73E-10	1.0E+06	4.7E-04
298	0.22049	4.04E-03	8.9E-04	1.05E-03	9.30E-07	4.31E-04	4.00E-10	1.0E+06	4.0E-04
299	0.18934	4.04E-03	7.6E-04	1.05E-03	7.99E-07	4.31E-04	3.44E-10	1.0E+06	3.4E-04
300	0.1645	4.04E-03	6.6E-04	1.05E-03	6.94E-07	4.31E-04	2.99E-10	1.0E+06	3.0E-04
301	0.14439	4.04E-03	5.8E-04	1.05E-03	6.09E-07	4.31E-04	2.62E-10	1.0E+06	2.6E-04
302	0.1279	4.04E-03	5.2E-04	1.05E-03	5.40E-07	4.31E-04	2.32E-10	1.0E+06	2.3E-04
303	0.1142	4.04E-03	4.6E-04	1.05E-03	4.82E-07	4.31E-04	2.07E-10	1.0E+06	2.1E-04
304	0.22927	4.04E-03	9.3E-04	1.05E-03	9.67E-07	4.31E-04	4.16E-10	1.0E+06	4.2E-04
305	0.19633	4.04E-03	7.9E-04	1.05E-03	8.28E-07	4.31E-04	3.57E-10	1.0E+06	3.6E-04
306	0.17013	4.04E-03	6.9E-04	1.05E-03	7.18E-07	4.31E-04	3.09E-10	1.0E+06	3.1E-04
307	0.14897	4.04E-03	6.0E-04	1.05E-03	6.28E-07	4.31E-04	2.71E-10	1.0E+06	2.7E-04
308	0.13166	4.04E-03	5.3E-04	1.05E-03	5.55E-07	4.31E-04	2.39E-10	1.0E+06	2.4E-04
309	0.11732	4.04E-03	4.7E-04	1.05E-03	4.95E-07	4.31E-04	2.13E-10	1.0E+06	2.1E-04
310	0.10533	4.04E-03	4.3E-04	1.05E-03	4.44E-07	4.31E-04	1.91E-10	1.0E+06	1.9E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
311	0.20404	4.04E-03	8.2E-04	1.05E-03	8.61E-07	4.31E-04	3.71E-10	1.0E+06	3.7E-04
312	0.17636	4.04E-03	7.1E-04	1.05E-03	7.44E-07	4.31E-04	3.20E-10	1.0E+06	3.2E-04
313	0.15408	4.04E-03	6.2E-04	1.05E-03	6.50E-07	4.31E-04	2.80E-10	1.0E+06	2.8E-04
314	0.13588	4.04E-03	5.5E-04	1.05E-03	5.73E-07	4.31E-04	2.47E-10	1.0E+06	2.5E-04
315	0.12084	4.04E-03	4.9E-04	1.05E-03	5.10E-07	4.31E-04	2.19E-10	1.0E+06	2.2E-04
316	0.10828	4.04E-03	4.4E-04	1.05E-03	4.57E-07	4.31E-04	1.97E-10	1.0E+06	2.0E-04
317	0.09768	4.04E-03	3.9E-04	1.05E-03	4.12E-07	4.31E-04	1.77E-10	1.0E+06	1.8E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Building Construction Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	4.08E-05
2	5	4.26E-05
3	5	4.32E-05
4	5	5.93E-05
5	5	6.22E-05
6	5	6.51E-05
7	5	6.78E-05
8	5	7.05E-05
9	5	7.29E-05
10	5	7.53E-05
11	5	7.77E-05
12	5	8.02E-05
13	5	8.32E-05
14	5	8.66E-05
15	5	9.05E-05
16	5	9.55E-05
17	5	1.02E-04
18	5	1.08E-04
19	5	1.16E-04
20	5	1.24E-04
21	5	1.32E-04
22	5	1.39E-04
23	5	1.46E-04
24	5	1.50E-04
25	5	1.53E-04
26	5	4.38E-05
27	5	4.58E-05
28	5	4.65E-05
29	5	6.54E-05
30	5	6.90E-05
31	5	7.26E-05

Max	Receptor #
0.002	239

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	7.61E-05
33	5	7.94E-05
34	5	8.25E-05
35	5	8.55E-05
36	5	8.85E-05
37	5	9.19E-05
38	5	9.57E-05
39	5	9.98E-05
40	5	1.05E-04
41	5	1.12E-04
42	5	1.20E-04
43	5	1.29E-04
44	5	1.38E-04
45	5	1.48E-04
46	5	1.58E-04
47	5	1.66E-04
48	5	1.72E-04
49	5	1.76E-04
50	5	1.77E-04
51	5	4.71E-05
52	5	4.95E-05
53	5	5.04E-05
54	5	7.25E-05
55	5	7.70E-05
56	5	8.15E-05
57	5	8.59E-05
58	5	9.02E-05
59	5	9.43E-05
60	5	9.82E-05
61	5	1.02E-04
62	5	1.06E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	1.11E-04
64	5	1.17E-04
65	5	1.24E-04
66	5	1.33E-04
67	5	1.43E-04
68	5	1.55E-04
69	5	1.68E-04
70	5	1.80E-04
71	5	1.90E-04
72	5	1.98E-04
73	5	2.03E-04
74	5	2.05E-04
75	5	2.04E-04
76	5	5.08E-05
77	5	5.36E-05
78	5	5.48E-05
79	5	8.08E-05
80	5	8.64E-05
81	5	9.21E-05
82	5	9.79E-05
83	5	1.03E-04
84	5	1.09E-04
85	5	1.14E-04
86	5	1.20E-04
87	5	1.25E-04
88	5	1.31E-04
89	5	1.39E-04
90	5	1.48E-04
91	5	1.61E-04
92	5	1.75E-04
93	5	1.91E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	2.06E-04
95	5	2.20E-04
96	5	2.31E-04
97	5	2.38E-04
98	5	2.41E-04
99	5	2.39E-04
100	5	2.33E-04
101	5	5.49E-05
102	5	5.81E-05
103	5	5.99E-05
104	5	9.06E-05
105	5	9.76E-05
106	5	1.05E-04
107	5	1.13E-04
108	5	1.20E-04
109	5	1.27E-04
110	5	1.34E-04
111	5	1.42E-04
112	5	1.49E-04
113	5	1.57E-04
114	5	1.68E-04
115	5	1.81E-04
116	5	1.99E-04
117	5	2.18E-04
118	5	2.39E-04
119	5	2.58E-04
120	5	2.74E-04
121	5	2.84E-04
122	5	2.87E-04
123	5	2.84E-04
124	5	2.75E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	5.92E-05
126	5	6.31E-05
127	5	6.55E-05
128	5	1.11E-04
129	5	1.21E-04
130	5	1.31E-04
131	5	1.41E-04
132	5	1.51E-04
133	5	1.61E-04
134	5	1.72E-04
135	5	1.81E-04
136	5	1.93E-04
137	5	2.08E-04
138	5	2.28E-04
139	5	2.52E-04
140	5	2.80E-04
141	5	3.07E-04
142	5	3.29E-04
143	5	3.43E-04
144	5	3.48E-04
145	5	3.44E-04
146	5	3.31E-04
147	5	6.40E-05
148	5	6.85E-05
149	5	7.18E-05
150	5	1.28E-04
151	5	1.40E-04
152	5	1.54E-04
153	5	1.68E-04
154	5	1.82E-04
155	5	1.98E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	2.11E-04
157	5	2.25E-04
158	5	2.42E-04
159	5	2.65E-04
160	5	2.95E-04
161	5	3.31E-04
162	5	3.69E-04
163	5	4.02E-04
164	5	4.24E-04
165	5	4.32E-04
166	5	4.25E-04
167	5	4.06E-04
168	5	3.80E-04
169	5	6.90E-05
170	5	7.44E-05
171	5	7.90E-05
172	5	8.36E-05
173	5	1.48E-04
174	5	1.65E-04
175	5	1.84E-04
176	5	2.04E-04
177	5	2.25E-04
178	5	2.48E-04
179	5	2.67E-04
180	5	2.88E-04
181	5	3.14E-04
182	5	3.49E-04
183	5	5.39E-04
184	5	5.10E-04
185	5	8.06E-05
186	5	8.68E-05



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	9.24E-05
188	5	1.74E-04
189	5	1.97E-04
190	5	2.23E-04
191	5	2.52E-04
192	5	2.86E-04
193	5	3.19E-04
194	5	3.50E-04
195	5	3.82E-04
196	5	4.23E-04
197	5	4.83E-04
198	5	9.43E-05
199	5	1.02E-04
200	5	1.02E-04
201	5	1.13E-04
202	5	1.23E-04
203	5	1.23E-04
204	5	1.38E-04
205	5	1.54E-04
206	5	1.52E-04
207	5	1.73E-04
208	5	1.98E-04
209	5	1.67E-04
210	5	1.93E-04
211	5	2.23E-04
212	5	2.14E-04
213	5	2.54E-04
214	5	3.01E-04
215	5	2.38E-04
216	5	2.85E-04
217	5	3.43E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	3.91E-04
219	5	4.94E-04
220	5	4.38E-04
221	5	5.51E-04
222	5	4.69E-04
223	5	5.83E-04
224	5	7.47E-04
225	5	5.78E-04
226	5	7.09E-04
227	5	1.60E-04
228	5	1.39E-04
229	5	1.22E-04
230	5	1.08E-04
231	5	1.42E-04
232	5	1.25E-04
233	5	1.11E-04
234	5	9.89E-05
235	5	1.27E-04
236	5	1.13E-04
237	5	1.01E-04
238	5	9.07E-05
239	5	1.84E-03
240	5	1.56E-03
241	5	1.32E-03
242	5	1.12E-03
243	5	1.42E-03
244	5	1.24E-03
245	5	1.07E-03
246	5	9.31E-04
247	5	1.13E-03
248	5	1.00E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	8.88E-04
250	5	7.83E-04
251	5	3.65E-04
252	5	3.36E-04
253	5	4.08E-04
254	5	3.79E-04
255	5	3.26E-04
256	5	3.02E-04
257	5	2.39E-04
258	5	3.58E-04
259	5	3.35E-04
260	5	3.13E-04
261	5	2.92E-04
262	5	2.72E-04
263	5	2.19E-04
264	5	2.99E-04
265	5	2.80E-04
266	5	2.63E-04
267	5	2.46E-04
268	5	2.02E-04
269	5	3.57E-04
270	5	2.92E-04
271	5	2.43E-04
272	5	2.05E-04
273	5	1.76E-04
274	5	1.52E-04
275	5	1.33E-04
276	5	3.17E-04
277	5	2.61E-04
278	5	2.18E-04
279	5	1.85E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	1.59E-04
281	5	1.38E-04
282	5	1.21E-04
283	5	2.77E-04
284	5	2.30E-04
285	5	1.93E-04
286	5	1.65E-04
287	5	1.43E-04
288	5	1.25E-04
289	5	1.10E-04
290	5	2.41E-04
291	5	2.02E-04
292	5	1.71E-04
293	5	1.48E-04
294	5	1.29E-04
295	5	1.13E-04
296	5	1.01E-04
297	5	2.10E-04
298	5	1.78E-04
299	5	1.53E-04
300	5	1.33E-04
301	5	1.17E-04
302	5	1.03E-04
303	5	9.22E-05
304	5	1.85E-04
305	5	1.58E-04
306	5	1.37E-04
307	5	1.20E-04
308	5	1.06E-04
309	5	9.47E-05
310	5	8.50E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Building Construction Risk**

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	1.65E-04
312	5	1.42E-04
313	5	1.24E-04
314	5	1.10E-04
315	5	9.75E-05
316	5	8.74E-05
317	5	7.88E-05

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Parcel 4-G: Unmitigated - Parcel 4 - Paving Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05064	3.33E-03	1.7E-04	1.05E-03	1.76E-07	4.31E-04	7.59E-11	1.0E+06	7.6E-05
2	0.05293	3.33E-03	1.8E-04	1.05E-03	1.84E-07	4.31E-04	7.93E-11	1.0E+06	7.9E-05
3	0.05366	3.33E-03	1.8E-04	1.05E-03	1.87E-07	4.31E-04	8.04E-11	1.0E+06	8.0E-05
4	0.07354	3.33E-03	2.4E-04	1.05E-03	2.56E-07	4.31E-04	1.10E-10	1.0E+06	1.1E-04
5	0.07704	3.33E-03	2.6E-04	1.05E-03	2.68E-07	4.31E-04	1.15E-10	1.0E+06	1.2E-04
6	0.08046	3.33E-03	2.7E-04	1.05E-03	2.80E-07	4.31E-04	1.21E-10	1.0E+06	1.2E-04
7	0.08374	3.33E-03	2.8E-04	1.05E-03	2.91E-07	4.31E-04	1.25E-10	1.0E+06	1.3E-04
8	0.08686	3.33E-03	2.9E-04	1.05E-03	3.02E-07	4.31E-04	1.30E-10	1.0E+06	1.3E-04
9	0.08982	3.33E-03	3.0E-04	1.05E-03	3.13E-07	4.31E-04	1.35E-10	1.0E+06	1.3E-04
10	0.09269	3.33E-03	3.1E-04	1.05E-03	3.23E-07	4.31E-04	1.39E-10	1.0E+06	1.4E-04
11	0.09559	3.33E-03	3.2E-04	1.05E-03	3.33E-07	4.31E-04	1.43E-10	1.0E+06	1.4E-04
12	0.09874	3.33E-03	3.3E-04	1.05E-03	3.44E-07	4.31E-04	1.48E-10	1.0E+06	1.5E-04
13	0.10251	3.33E-03	3.4E-04	1.05E-03	3.57E-07	4.31E-04	1.54E-10	1.0E+06	1.5E-04
14	0.10678	3.33E-03	3.6E-04	1.05E-03	3.72E-07	4.31E-04	1.60E-10	1.0E+06	1.6E-04
15	0.11189	3.33E-03	3.7E-04	1.05E-03	3.89E-07	4.31E-04	1.68E-10	1.0E+06	1.7E-04
16	0.11829	3.33E-03	3.9E-04	1.05E-03	4.12E-07	4.31E-04	1.77E-10	1.0E+06	1.8E-04
17	0.12591	3.33E-03	4.2E-04	1.05E-03	4.38E-07	4.31E-04	1.89E-10	1.0E+06	1.9E-04
18	0.13449	3.33E-03	4.5E-04	1.05E-03	4.68E-07	4.31E-04	2.02E-10	1.0E+06	2.0E-04
19	0.14384	3.33E-03	4.8E-04	1.05E-03	5.01E-07	4.31E-04	2.16E-10	1.0E+06	2.2E-04
20	0.1535	3.33E-03	5.1E-04	1.05E-03	5.34E-07	4.31E-04	2.30E-10	1.0E+06	2.3E-04
21	0.16289	3.33E-03	5.4E-04	1.05E-03	5.67E-07	4.31E-04	2.44E-10	1.0E+06	2.4E-04
22	0.17143	3.33E-03	5.7E-04	1.05E-03	5.97E-07	4.31E-04	2.57E-10	1.0E+06	2.6E-04
23	0.17858	3.33E-03	5.9E-04	1.05E-03	6.22E-07	4.31E-04	2.68E-10	1.0E+06	2.7E-04
24	0.1839	3.33E-03	6.1E-04	1.05E-03	6.40E-07	4.31E-04	2.76E-10	1.0E+06	2.8E-04
25	0.18711	3.33E-03	6.2E-04	1.05E-03	6.51E-07	4.31E-04	2.80E-10	1.0E+06	2.8E-04
26	0.0544	3.33E-03	1.8E-04	1.05E-03	1.89E-07	4.31E-04	8.15E-11	1.0E+06	8.2E-05
27	0.05699	3.33E-03	1.9E-04	1.05E-03	1.98E-07	4.31E-04	8.54E-11	1.0E+06	8.5E-05
28	0.05785	3.33E-03	1.9E-04	1.05E-03	2.01E-07	4.31E-04	8.67E-11	1.0E+06	8.7E-05
29	0.08115	3.33E-03	2.7E-04	1.05E-03	2.82E-07	4.31E-04	1.22E-10	1.0E+06	1.2E-04
30	0.0855	3.33E-03	2.8E-04	1.05E-03	2.98E-07	4.31E-04	1.28E-10	1.0E+06	1.3E-04
31	0.08978	3.33E-03	3.0E-04	1.05E-03	3.12E-07	4.31E-04	1.35E-10	1.0E+06	1.3E-04

<b>Max</b>	<b>Receptor #</b>
0.003	239

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
32	0.09393	3.33E-03	3.1E-04	1.05E-03	3.27E-07	4.31E-04	1.41E-10	1.0E+06	1.4E-04
33	0.09787	3.33E-03	3.3E-04	1.05E-03	3.41E-07	4.31E-04	1.47E-10	1.0E+06	1.5E-04
34	0.10162	3.33E-03	3.4E-04	1.05E-03	3.54E-07	4.31E-04	1.52E-10	1.0E+06	1.5E-04
35	0.10524	3.33E-03	3.5E-04	1.05E-03	3.66E-07	4.31E-04	1.58E-10	1.0E+06	1.6E-04
36	0.10888	3.33E-03	3.6E-04	1.05E-03	3.79E-07	4.31E-04	1.63E-10	1.0E+06	1.6E-04
37	0.11307	3.33E-03	3.8E-04	1.05E-03	3.94E-07	4.31E-04	1.69E-10	1.0E+06	1.7E-04
38	0.11787	3.33E-03	3.9E-04	1.05E-03	4.10E-07	4.31E-04	1.77E-10	1.0E+06	1.8E-04
39	0.12322	3.33E-03	4.1E-04	1.05E-03	4.29E-07	4.31E-04	1.85E-10	1.0E+06	1.8E-04
40	0.12993	3.33E-03	4.3E-04	1.05E-03	4.52E-07	4.31E-04	1.95E-10	1.0E+06	1.9E-04
41	0.13843	3.33E-03	4.6E-04	1.05E-03	4.82E-07	4.31E-04	2.07E-10	1.0E+06	2.1E-04
42	0.14831	3.33E-03	4.9E-04	1.05E-03	5.16E-07	4.31E-04	2.22E-10	1.0E+06	2.2E-04
43	0.15943	3.33E-03	5.3E-04	1.05E-03	5.55E-07	4.31E-04	2.39E-10	1.0E+06	2.4E-04
44	0.17125	3.33E-03	5.7E-04	1.05E-03	5.96E-07	4.31E-04	2.57E-10	1.0E+06	2.6E-04
45	0.18301	3.33E-03	6.1E-04	1.05E-03	6.37E-07	4.31E-04	2.74E-10	1.0E+06	2.7E-04
46	0.19387	3.33E-03	6.5E-04	1.05E-03	6.75E-07	4.31E-04	2.91E-10	1.0E+06	2.9E-04
47	0.20305	3.33E-03	6.8E-04	1.05E-03	7.07E-07	4.31E-04	3.04E-10	1.0E+06	3.0E-04
48	0.2099	3.33E-03	7.0E-04	1.05E-03	7.31E-07	4.31E-04	3.15E-10	1.0E+06	3.1E-04
49	0.214	3.33E-03	7.1E-04	1.05E-03	7.45E-07	4.31E-04	3.21E-10	1.0E+06	3.2E-04
50	0.21519	3.33E-03	7.2E-04	1.05E-03	7.49E-07	4.31E-04	3.22E-10	1.0E+06	3.2E-04
51	0.0586	3.33E-03	2.0E-04	1.05E-03	2.04E-07	4.31E-04	8.78E-11	1.0E+06	8.8E-05
52	0.06157	3.33E-03	2.1E-04	1.05E-03	2.14E-07	4.31E-04	9.23E-11	1.0E+06	9.2E-05
53	0.06266	3.33E-03	2.1E-04	1.05E-03	2.18E-07	4.31E-04	9.39E-11	1.0E+06	9.4E-05
54	0.09004	3.33E-03	3.0E-04	1.05E-03	3.13E-07	4.31E-04	1.35E-10	1.0E+06	1.3E-04
55	0.09545	3.33E-03	3.2E-04	1.05E-03	3.32E-07	4.31E-04	1.43E-10	1.0E+06	1.4E-04
56	0.10086	3.33E-03	3.4E-04	1.05E-03	3.51E-07	4.31E-04	1.51E-10	1.0E+06	1.5E-04
57	0.10616	3.33E-03	3.5E-04	1.05E-03	3.70E-07	4.31E-04	1.59E-10	1.0E+06	1.6E-04
58	0.11123	3.33E-03	3.7E-04	1.05E-03	3.87E-07	4.31E-04	1.67E-10	1.0E+06	1.7E-04
59	0.11609	3.33E-03	3.9E-04	1.05E-03	4.04E-07	4.31E-04	1.74E-10	1.0E+06	1.7E-04
60	0.12078	3.33E-03	4.0E-04	1.05E-03	4.20E-07	4.31E-04	1.81E-10	1.0E+06	1.8E-04
61	0.12546	3.33E-03	4.2E-04	1.05E-03	4.37E-07	4.31E-04	1.88E-10	1.0E+06	1.9E-04
62	0.13098	3.33E-03	4.4E-04	1.05E-03	4.56E-07	4.31E-04	1.96E-10	1.0E+06	2.0E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.13702	3.33E-03	4.6E-04	1.05E-03	4.77E-07	4.31E-04	2.05E-10	1.0E+06	2.1E-04
64	0.14412	3.33E-03	4.8E-04	1.05E-03	5.02E-07	4.31E-04	2.16E-10	1.0E+06	2.2E-04
65	0.15313	3.33E-03	5.1E-04	1.05E-03	5.33E-07	4.31E-04	2.29E-10	1.0E+06	2.3E-04
66	0.16455	3.33E-03	5.5E-04	1.05E-03	5.73E-07	4.31E-04	2.47E-10	1.0E+06	2.5E-04
67	0.17767	3.33E-03	5.9E-04	1.05E-03	6.18E-07	4.31E-04	2.66E-10	1.0E+06	2.7E-04
68	0.19216	3.33E-03	6.4E-04	1.05E-03	6.69E-07	4.31E-04	2.88E-10	1.0E+06	2.9E-04
69	0.20703	3.33E-03	6.9E-04	1.05E-03	7.21E-07	4.31E-04	3.10E-10	1.0E+06	3.1E-04
70	0.22106	3.33E-03	7.4E-04	1.05E-03	7.69E-07	4.31E-04	3.31E-10	1.0E+06	3.3E-04
71	0.23308	3.33E-03	7.8E-04	1.05E-03	8.11E-07	4.31E-04	3.49E-10	1.0E+06	3.5E-04
72	0.24209	3.33E-03	8.1E-04	1.05E-03	8.43E-07	4.31E-04	3.63E-10	1.0E+06	3.6E-04
73	0.24745	3.33E-03	8.2E-04	1.05E-03	8.61E-07	4.31E-04	3.71E-10	1.0E+06	3.7E-04
74	0.24889	3.33E-03	8.3E-04	1.05E-03	8.66E-07	4.31E-04	3.73E-10	1.0E+06	3.7E-04
75	0.24655	3.33E-03	8.2E-04	1.05E-03	8.58E-07	4.31E-04	3.69E-10	1.0E+06	3.7E-04
76	0.06324	3.33E-03	2.1E-04	1.05E-03	2.20E-07	4.31E-04	9.48E-11	1.0E+06	9.5E-05
77	0.0667	3.33E-03	2.2E-04	1.05E-03	2.32E-07	4.31E-04	1.00E-10	1.0E+06	1.0E-04
78	0.06822	3.33E-03	2.3E-04	1.05E-03	2.37E-07	4.31E-04	1.02E-10	1.0E+06	1.0E-04
79	0.10046	3.33E-03	3.3E-04	1.05E-03	3.50E-07	4.31E-04	1.51E-10	1.0E+06	1.5E-04
80	0.10726	3.33E-03	3.6E-04	1.05E-03	3.73E-07	4.31E-04	1.61E-10	1.0E+06	1.6E-04
81	0.11416	3.33E-03	3.8E-04	1.05E-03	3.97E-07	4.31E-04	1.71E-10	1.0E+06	1.7E-04
82	0.12101	3.33E-03	4.0E-04	1.05E-03	4.21E-07	4.31E-04	1.81E-10	1.0E+06	1.8E-04
83	0.12768	3.33E-03	4.3E-04	1.05E-03	4.44E-07	4.31E-04	1.91E-10	1.0E+06	1.9E-04
84	0.1341	3.33E-03	4.5E-04	1.05E-03	4.67E-07	4.31E-04	2.01E-10	1.0E+06	2.0E-04
85	0.1403	3.33E-03	4.7E-04	1.05E-03	4.88E-07	4.31E-04	2.10E-10	1.0E+06	2.1E-04
86	0.14704	3.33E-03	4.9E-04	1.05E-03	5.12E-07	4.31E-04	2.20E-10	1.0E+06	2.2E-04
87	0.15399	3.33E-03	5.1E-04	1.05E-03	5.36E-07	4.31E-04	2.31E-10	1.0E+06	2.3E-04
88	0.16164	3.33E-03	5.4E-04	1.05E-03	5.63E-07	4.31E-04	2.42E-10	1.0E+06	2.4E-04
89	0.17129	3.33E-03	5.7E-04	1.05E-03	5.96E-07	4.31E-04	2.57E-10	1.0E+06	2.6E-04
90	0.18378	3.33E-03	6.1E-04	1.05E-03	6.40E-07	4.31E-04	2.75E-10	1.0E+06	2.8E-04
91	0.1993	3.33E-03	6.6E-04	1.05E-03	6.94E-07	4.31E-04	2.99E-10	1.0E+06	3.0E-04
92	0.21702	3.33E-03	7.2E-04	1.05E-03	7.55E-07	4.31E-04	3.25E-10	1.0E+06	3.3E-04
93	0.23593	3.33E-03	7.9E-04	1.05E-03	8.21E-07	4.31E-04	3.54E-10	1.0E+06	3.5E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
94	0.25434	3.33E-03	8.5E-04	1.05E-03	8.85E-07	4.31E-04	3.81E-10	1.0E+06	3.8E-04
95	0.2704	3.33E-03	9.0E-04	1.05E-03	9.41E-07	4.31E-04	4.05E-10	1.0E+06	4.1E-04
96	0.28256	3.33E-03	9.4E-04	1.05E-03	9.83E-07	4.31E-04	4.23E-10	1.0E+06	4.2E-04
97	0.28975	3.33E-03	9.6E-04	1.05E-03	1.01E-06	4.31E-04	4.34E-10	1.0E+06	4.3E-04
98	0.29157	3.33E-03	9.7E-04	1.05E-03	1.01E-06	4.31E-04	4.37E-10	1.0E+06	4.4E-04
99	0.28821	3.33E-03	9.6E-04	1.05E-03	1.00E-06	4.31E-04	4.32E-10	1.0E+06	4.3E-04
100	0.28034	3.33E-03	9.3E-04	1.05E-03	9.76E-07	4.31E-04	4.20E-10	1.0E+06	4.2E-04
101	0.06835	3.33E-03	2.3E-04	1.05E-03	2.38E-07	4.31E-04	1.02E-10	1.0E+06	1.0E-04
102	0.07242	3.33E-03	2.4E-04	1.05E-03	2.52E-07	4.31E-04	1.09E-10	1.0E+06	1.1E-04
103	0.07455	3.33E-03	2.5E-04	1.05E-03	2.59E-07	4.31E-04	1.12E-10	1.0E+06	1.1E-04
104	0.11282	3.33E-03	3.8E-04	1.05E-03	3.93E-07	4.31E-04	1.69E-10	1.0E+06	1.7E-04
105	0.1214	3.33E-03	4.0E-04	1.05E-03	4.23E-07	4.31E-04	1.82E-10	1.0E+06	1.8E-04
106	0.13032	3.33E-03	4.3E-04	1.05E-03	4.54E-07	4.31E-04	1.95E-10	1.0E+06	2.0E-04
107	0.13935	3.33E-03	4.6E-04	1.05E-03	4.85E-07	4.31E-04	2.09E-10	1.0E+06	2.1E-04
108	0.14826	3.33E-03	4.9E-04	1.05E-03	5.16E-07	4.31E-04	2.22E-10	1.0E+06	2.2E-04
109	0.1569	3.33E-03	5.2E-04	1.05E-03	5.46E-07	4.31E-04	2.35E-10	1.0E+06	2.4E-04
110	0.16542	3.33E-03	5.5E-04	1.05E-03	5.76E-07	4.31E-04	2.48E-10	1.0E+06	2.5E-04
111	0.17476	3.33E-03	5.8E-04	1.05E-03	6.08E-07	4.31E-04	2.62E-10	1.0E+06	2.6E-04
112	0.18356	3.33E-03	6.1E-04	1.05E-03	6.39E-07	4.31E-04	2.75E-10	1.0E+06	2.8E-04
113	0.19404	3.33E-03	6.5E-04	1.05E-03	6.75E-07	4.31E-04	2.91E-10	1.0E+06	2.9E-04
114	0.20759	3.33E-03	6.9E-04	1.05E-03	7.23E-07	4.31E-04	3.11E-10	1.0E+06	3.1E-04
115	0.22525	3.33E-03	7.5E-04	1.05E-03	7.84E-07	4.31E-04	3.38E-10	1.0E+06	3.4E-04
116	0.24686	3.33E-03	8.2E-04	1.05E-03	8.59E-07	4.31E-04	3.70E-10	1.0E+06	3.7E-04
117	0.27101	3.33E-03	9.0E-04	1.05E-03	9.43E-07	4.31E-04	4.06E-10	1.0E+06	4.1E-04
118	0.29549	3.33E-03	9.8E-04	1.05E-03	1.03E-06	4.31E-04	4.43E-10	1.0E+06	4.4E-04
119	0.31745	3.33E-03	1.1E-03	1.05E-03	1.10E-06	4.31E-04	4.76E-10	1.0E+06	4.8E-04
120	0.33432	3.33E-03	1.1E-03	1.05E-03	1.16E-06	4.31E-04	5.01E-10	1.0E+06	5.0E-04
121	0.3443	3.33E-03	1.1E-03	1.05E-03	1.20E-06	4.31E-04	5.16E-10	1.0E+06	5.2E-04
122	0.3467	3.33E-03	1.2E-03	1.05E-03	1.21E-06	4.31E-04	5.20E-10	1.0E+06	5.2E-04
123	0.34183	3.33E-03	1.1E-03	1.05E-03	1.19E-06	4.31E-04	5.12E-10	1.0E+06	5.1E-04
124	0.33074	3.33E-03	1.1E-03	1.05E-03	1.15E-06	4.31E-04	4.96E-10	1.0E+06	5.0E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
125	0.07391	3.33E-03	2.5E-04	1.05E-03	2.57E-07	4.31E-04	1.11E-10	1.0E+06	1.1E-04
126	0.07872	3.33E-03	2.6E-04	1.05E-03	2.74E-07	4.31E-04	1.18E-10	1.0E+06	1.2E-04
127	0.08163	3.33E-03	2.7E-04	1.05E-03	2.84E-07	4.31E-04	1.22E-10	1.0E+06	1.2E-04
128	0.13853	3.33E-03	4.6E-04	1.05E-03	4.82E-07	4.31E-04	2.08E-10	1.0E+06	2.1E-04
129	0.15019	3.33E-03	5.0E-04	1.05E-03	5.23E-07	4.31E-04	2.25E-10	1.0E+06	2.3E-04
130	0.16231	3.33E-03	5.4E-04	1.05E-03	5.65E-07	4.31E-04	2.43E-10	1.0E+06	2.4E-04
131	0.17444	3.33E-03	5.8E-04	1.05E-03	6.07E-07	4.31E-04	2.61E-10	1.0E+06	2.6E-04
132	0.18632	3.33E-03	6.2E-04	1.05E-03	6.49E-07	4.31E-04	2.79E-10	1.0E+06	2.8E-04
133	0.19865	3.33E-03	6.6E-04	1.05E-03	6.91E-07	4.31E-04	2.98E-10	1.0E+06	3.0E-04
134	0.21082	3.33E-03	7.0E-04	1.05E-03	7.34E-07	4.31E-04	3.16E-10	1.0E+06	3.2E-04
135	0.22303	3.33E-03	7.4E-04	1.05E-03	7.76E-07	4.31E-04	3.34E-10	1.0E+06	3.3E-04
136	0.2379	3.33E-03	7.9E-04	1.05E-03	8.28E-07	4.31E-04	3.56E-10	1.0E+06	3.6E-04
137	0.25759	3.33E-03	8.6E-04	1.05E-03	8.97E-07	4.31E-04	3.86E-10	1.0E+06	3.9E-04
138	0.28337	3.33E-03	9.4E-04	1.05E-03	9.86E-07	4.31E-04	4.25E-10	1.0E+06	4.2E-04
139	0.31386	3.33E-03	1.0E-03	1.05E-03	1.09E-06	4.31E-04	4.70E-10	1.0E+06	4.7E-04
140	0.34679	3.33E-03	1.2E-03	1.05E-03	1.21E-06	4.31E-04	5.20E-10	1.0E+06	5.2E-04
141	0.37764	3.33E-03	1.3E-03	1.05E-03	1.31E-06	4.31E-04	5.66E-10	1.0E+06	5.7E-04
142	0.40184	3.33E-03	1.3E-03	1.05E-03	1.40E-06	4.31E-04	6.02E-10	1.0E+06	6.0E-04
143	0.41624	3.33E-03	1.4E-03	1.05E-03	1.45E-06	4.31E-04	6.24E-10	1.0E+06	6.2E-04
144	0.41958	3.33E-03	1.4E-03	1.05E-03	1.46E-06	4.31E-04	6.29E-10	1.0E+06	6.3E-04
145	0.41236	3.33E-03	1.4E-03	1.05E-03	1.44E-06	4.31E-04	6.18E-10	1.0E+06	6.2E-04
146	0.39638	3.33E-03	1.3E-03	1.05E-03	1.38E-06	4.31E-04	5.94E-10	1.0E+06	5.9E-04
147	0.07994	3.33E-03	2.7E-04	1.05E-03	2.78E-07	4.31E-04	1.20E-10	1.0E+06	1.2E-04
148	0.08564	3.33E-03	2.9E-04	1.05E-03	2.98E-07	4.31E-04	1.28E-10	1.0E+06	1.3E-04
149	0.08974	3.33E-03	3.0E-04	1.05E-03	3.12E-07	4.31E-04	1.34E-10	1.0E+06	1.3E-04
150	0.15953	3.33E-03	5.3E-04	1.05E-03	5.55E-07	4.31E-04	2.39E-10	1.0E+06	2.4E-04
151	0.17493	3.33E-03	5.8E-04	1.05E-03	6.09E-07	4.31E-04	2.62E-10	1.0E+06	2.6E-04
152	0.19141	3.33E-03	6.4E-04	1.05E-03	6.66E-07	4.31E-04	2.87E-10	1.0E+06	2.9E-04
153	0.20836	3.33E-03	6.9E-04	1.05E-03	7.25E-07	4.31E-04	3.12E-10	1.0E+06	3.1E-04
154	0.2252	3.33E-03	7.5E-04	1.05E-03	7.84E-07	4.31E-04	3.37E-10	1.0E+06	3.4E-04
155	0.24361	3.33E-03	8.1E-04	1.05E-03	8.48E-07	4.31E-04	3.65E-10	1.0E+06	3.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.25988	3.33E-03	8.7E-04	1.05E-03	9.05E-07	4.31E-04	3.89E-10	1.0E+06	3.9E-04
157	0.27738	3.33E-03	9.2E-04	1.05E-03	9.65E-07	4.31E-04	4.16E-10	1.0E+06	4.2E-04
158	0.29936	3.33E-03	1.0E-03	1.05E-03	1.04E-06	4.31E-04	4.49E-10	1.0E+06	4.5E-04
159	0.32914	3.33E-03	1.1E-03	1.05E-03	1.15E-06	4.31E-04	4.93E-10	1.0E+06	4.9E-04
160	0.3676	3.33E-03	1.2E-03	1.05E-03	1.28E-06	4.31E-04	5.51E-10	1.0E+06	5.5E-04
161	0.41143	3.33E-03	1.4E-03	1.05E-03	1.43E-06	4.31E-04	6.17E-10	1.0E+06	6.2E-04
162	0.45558	3.33E-03	1.5E-03	1.05E-03	1.59E-06	4.31E-04	6.83E-10	1.0E+06	6.8E-04
163	0.4916	3.33E-03	1.6E-03	1.05E-03	1.71E-06	4.31E-04	7.37E-10	1.0E+06	7.4E-04
164	0.51355	3.33E-03	1.7E-03	1.05E-03	1.79E-06	4.31E-04	7.70E-10	1.0E+06	7.7E-04
165	0.51861	3.33E-03	1.7E-03	1.05E-03	1.81E-06	4.31E-04	7.77E-10	1.0E+06	7.8E-04
166	0.50767	3.33E-03	1.7E-03	1.05E-03	1.77E-06	4.31E-04	7.61E-10	1.0E+06	7.6E-04
167	0.48392	3.33E-03	1.6E-03	1.05E-03	1.68E-06	4.31E-04	7.25E-10	1.0E+06	7.3E-04
168	0.45146	3.33E-03	1.5E-03	1.05E-03	1.57E-06	4.31E-04	6.77E-10	1.0E+06	6.8E-04
169	0.08639	3.33E-03	2.9E-04	1.05E-03	3.01E-07	4.31E-04	1.29E-10	1.0E+06	1.3E-04
170	0.09314	3.33E-03	3.1E-04	1.05E-03	3.24E-07	4.31E-04	1.40E-10	1.0E+06	1.4E-04
171	0.0989	3.33E-03	3.3E-04	1.05E-03	3.44E-07	4.31E-04	1.48E-10	1.0E+06	1.5E-04
172	0.10465	3.33E-03	3.5E-04	1.05E-03	3.64E-07	4.31E-04	1.57E-10	1.0E+06	1.6E-04
173	0.18562	3.33E-03	6.2E-04	1.05E-03	6.46E-07	4.31E-04	2.78E-10	1.0E+06	2.8E-04
174	0.20624	3.33E-03	6.9E-04	1.05E-03	7.18E-07	4.31E-04	3.09E-10	1.0E+06	3.1E-04
175	0.22912	3.33E-03	7.6E-04	1.05E-03	7.97E-07	4.31E-04	3.43E-10	1.0E+06	3.4E-04
176	0.25332	3.33E-03	8.4E-04	1.05E-03	8.82E-07	4.31E-04	3.80E-10	1.0E+06	3.8E-04
177	0.27869	3.33E-03	9.3E-04	1.05E-03	9.70E-07	4.31E-04	4.18E-10	1.0E+06	4.2E-04
178	0.305	3.33E-03	1.0E-03	1.05E-03	1.06E-06	4.31E-04	4.57E-10	1.0E+06	4.6E-04
179	0.329	3.33E-03	1.1E-03	1.05E-03	1.15E-06	4.31E-04	4.93E-10	1.0E+06	4.9E-04
180	0.35532	3.33E-03	1.2E-03	1.05E-03	1.24E-06	4.31E-04	5.32E-10	1.0E+06	5.3E-04
181	0.38918	3.33E-03	1.3E-03	1.05E-03	1.35E-06	4.31E-04	5.83E-10	1.0E+06	5.8E-04
182	0.43607	3.33E-03	1.5E-03	1.05E-03	1.52E-06	4.31E-04	6.53E-10	1.0E+06	6.5E-04
183	0.64061	3.33E-03	2.1E-03	1.05E-03	2.23E-06	4.31E-04	9.60E-10	1.0E+06	9.6E-04
184	0.6041	3.33E-03	2.0E-03	1.05E-03	2.10E-06	4.31E-04	9.05E-10	1.0E+06	9.1E-04
185	0.10117	3.33E-03	3.4E-04	1.05E-03	3.52E-07	4.31E-04	1.52E-10	1.0E+06	1.5E-04
186	0.10884	3.33E-03	3.6E-04	1.05E-03	3.79E-07	4.31E-04	1.63E-10	1.0E+06	1.6E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
187	0.11585	3.33E-03	3.9E-04	1.05E-03	4.03E-07	4.31E-04	1.74E-10	1.0E+06	1.7E-04
188	0.21828	3.33E-03	7.3E-04	1.05E-03	7.60E-07	4.31E-04	3.27E-10	1.0E+06	3.3E-04
189	0.24638	3.33E-03	8.2E-04	1.05E-03	8.58E-07	4.31E-04	3.69E-10	1.0E+06	3.7E-04
190	0.27873	3.33E-03	9.3E-04	1.05E-03	9.70E-07	4.31E-04	4.18E-10	1.0E+06	4.2E-04
191	0.31456	3.33E-03	1.0E-03	1.05E-03	1.09E-06	4.31E-04	4.71E-10	1.0E+06	4.7E-04
192	0.35479	3.33E-03	1.2E-03	1.05E-03	1.23E-06	4.31E-04	5.32E-10	1.0E+06	5.3E-04
193	0.39332	3.33E-03	1.3E-03	1.05E-03	1.37E-06	4.31E-04	5.89E-10	1.0E+06	5.9E-04
194	0.43081	3.33E-03	1.4E-03	1.05E-03	1.50E-06	4.31E-04	6.46E-10	1.0E+06	6.5E-04
195	0.47211	3.33E-03	1.6E-03	1.05E-03	1.64E-06	4.31E-04	7.07E-10	1.0E+06	7.1E-04
196	0.52745	3.33E-03	1.8E-03	1.05E-03	1.84E-06	4.31E-04	7.90E-10	1.0E+06	7.9E-04
197	0.60567	3.33E-03	2.0E-03	1.05E-03	2.11E-06	4.31E-04	9.08E-10	1.0E+06	9.1E-04
198	0.11855	3.33E-03	3.9E-04	1.05E-03	4.13E-07	4.31E-04	1.78E-10	1.0E+06	1.8E-04
199	0.12882	3.33E-03	4.3E-04	1.05E-03	4.48E-07	4.31E-04	1.93E-10	1.0E+06	1.9E-04
200	0.12925	3.33E-03	4.3E-04	1.05E-03	4.50E-07	4.31E-04	1.94E-10	1.0E+06	1.9E-04
201	0.14258	3.33E-03	4.7E-04	1.05E-03	4.96E-07	4.31E-04	2.14E-10	1.0E+06	2.1E-04
202	0.15549	3.33E-03	5.2E-04	1.05E-03	5.41E-07	4.31E-04	2.33E-10	1.0E+06	2.3E-04
203	0.1562	3.33E-03	5.2E-04	1.05E-03	5.44E-07	4.31E-04	2.34E-10	1.0E+06	2.3E-04
204	0.17505	3.33E-03	5.8E-04	1.05E-03	6.09E-07	4.31E-04	2.62E-10	1.0E+06	2.6E-04
205	0.19538	3.33E-03	6.5E-04	1.05E-03	6.80E-07	4.31E-04	2.93E-10	1.0E+06	2.9E-04
206	0.19374	3.33E-03	6.5E-04	1.05E-03	6.74E-07	4.31E-04	2.90E-10	1.0E+06	2.9E-04
207	0.22017	3.33E-03	7.3E-04	1.05E-03	7.66E-07	4.31E-04	3.30E-10	1.0E+06	3.3E-04
208	0.25252	3.33E-03	8.4E-04	1.05E-03	8.79E-07	4.31E-04	3.78E-10	1.0E+06	3.8E-04
209	0.21285	3.33E-03	7.1E-04	1.05E-03	7.41E-07	4.31E-04	3.19E-10	1.0E+06	3.2E-04
210	0.24723	3.33E-03	8.2E-04	1.05E-03	8.61E-07	4.31E-04	3.70E-10	1.0E+06	3.7E-04
211	0.28666	3.33E-03	9.5E-04	1.05E-03	9.98E-07	4.31E-04	4.30E-10	1.0E+06	4.3E-04
212	0.2749	3.33E-03	9.2E-04	1.05E-03	9.57E-07	4.31E-04	4.12E-10	1.0E+06	4.1E-04
213	0.3276	3.33E-03	1.1E-03	1.05E-03	1.14E-06	4.31E-04	4.91E-10	1.0E+06	4.9E-04
214	0.38982	3.33E-03	1.3E-03	1.05E-03	1.36E-06	4.31E-04	5.84E-10	1.0E+06	5.8E-04
215	0.30613	3.33E-03	1.0E-03	1.05E-03	1.07E-06	4.31E-04	4.59E-10	1.0E+06	4.6E-04
216	0.36942	3.33E-03	1.2E-03	1.05E-03	1.29E-06	4.31E-04	5.54E-10	1.0E+06	5.5E-04
217	0.4467	3.33E-03	1.5E-03	1.05E-03	1.55E-06	4.31E-04	6.69E-10	1.0E+06	6.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
218	0.51111	3.33E-03	1.7E-03	1.05E-03	1.78E-06	4.31E-04	7.66E-10	1.0E+06	7.7E-04
219	0.65113	3.33E-03	2.2E-03	1.05E-03	2.27E-06	4.31E-04	9.76E-10	1.0E+06	9.8E-04
220	0.57396	3.33E-03	1.9E-03	1.05E-03	2.00E-06	4.31E-04	8.60E-10	1.0E+06	8.6E-04
221	0.72683	3.33E-03	2.4E-03	1.05E-03	2.53E-06	4.31E-04	1.09E-09	1.0E+06	1.1E-03
222	0.61507	3.33E-03	2.0E-03	1.05E-03	2.14E-06	4.31E-04	9.22E-10	1.0E+06	9.2E-04
223	0.76966	3.33E-03	2.6E-03	1.05E-03	2.68E-06	4.31E-04	1.15E-09	1.0E+06	1.2E-03
224	0.99586	3.33E-03	3.3E-03	1.05E-03	3.47E-06	4.31E-04	1.49E-09	1.0E+06	1.5E-03
225	0.76269	3.33E-03	2.5E-03	1.05E-03	2.65E-06	4.31E-04	1.14E-09	1.0E+06	1.1E-03
226	0.94296	3.33E-03	3.1E-03	1.05E-03	3.28E-06	4.31E-04	1.41E-09	1.0E+06	1.4E-03
227	0.19427	3.33E-03	6.5E-04	1.05E-03	6.76E-07	4.31E-04	2.91E-10	1.0E+06	2.9E-04
228	0.16919	3.33E-03	5.6E-04	1.05E-03	5.89E-07	4.31E-04	2.54E-10	1.0E+06	2.5E-04
229	0.14866	3.33E-03	5.0E-04	1.05E-03	5.17E-07	4.31E-04	2.23E-10	1.0E+06	2.2E-04
230	0.13167	3.33E-03	4.4E-04	1.05E-03	4.58E-07	4.31E-04	1.97E-10	1.0E+06	2.0E-04
231	0.1732	3.33E-03	5.8E-04	1.05E-03	6.03E-07	4.31E-04	2.60E-10	1.0E+06	2.6E-04
232	0.15242	3.33E-03	5.1E-04	1.05E-03	5.31E-07	4.31E-04	2.28E-10	1.0E+06	2.3E-04
233	0.13515	3.33E-03	4.5E-04	1.05E-03	4.70E-07	4.31E-04	2.03E-10	1.0E+06	2.0E-04
234	0.12064	3.33E-03	4.0E-04	1.05E-03	4.20E-07	4.31E-04	1.81E-10	1.0E+06	1.8E-04
235	0.15491	3.33E-03	5.2E-04	1.05E-03	5.39E-07	4.31E-04	2.32E-10	1.0E+06	2.3E-04
236	0.1377	3.33E-03	4.6E-04	1.05E-03	4.79E-07	4.31E-04	2.06E-10	1.0E+06	2.1E-04
237	0.12313	3.33E-03	4.1E-04	1.05E-03	4.29E-07	4.31E-04	1.85E-10	1.0E+06	1.8E-04
238	0.11074	3.33E-03	3.7E-04	1.05E-03	3.85E-07	4.31E-04	1.66E-10	1.0E+06	1.7E-04
239	2.32737	3.33E-03	7.8E-03	1.05E-03	8.10E-06	4.31E-04	3.49E-09	1.0E+06	3.5E-03
240	1.94136	3.33E-03	6.5E-03	1.05E-03	6.76E-06	4.31E-04	2.91E-09	1.0E+06	2.9E-03
241	1.62497	3.33E-03	5.4E-03	1.05E-03	5.66E-06	4.31E-04	2.44E-09	1.0E+06	2.4E-03
242	1.36813	3.33E-03	4.6E-03	1.05E-03	4.76E-06	4.31E-04	2.05E-09	1.0E+06	2.1E-03
243	1.79999	3.33E-03	6.0E-03	1.05E-03	6.27E-06	4.31E-04	2.70E-09	1.0E+06	2.7E-03
244	1.54538	3.33E-03	5.1E-03	1.05E-03	5.38E-06	4.31E-04	2.32E-09	1.0E+06	2.3E-03
245	1.32696	3.33E-03	4.4E-03	1.05E-03	4.62E-06	4.31E-04	1.99E-09	1.0E+06	2.0E-03
246	1.14199	3.33E-03	3.8E-03	1.05E-03	3.97E-06	4.31E-04	1.71E-09	1.0E+06	1.7E-03
247	1.4297	3.33E-03	4.8E-03	1.05E-03	4.98E-06	4.31E-04	2.14E-09	1.0E+06	2.1E-03
248	1.25469	3.33E-03	4.2E-03	1.05E-03	4.37E-06	4.31E-04	1.88E-09	1.0E+06	1.9E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
249	1.09937	3.33E-03	3.7E-03	1.05E-03	3.83E-06	4.31E-04	1.65E-09	1.0E+06	1.6E-03
250	0.96327	3.33E-03	3.2E-03	1.05E-03	3.35E-06	4.31E-04	1.44E-09	1.0E+06	1.4E-03
251	0.44966	3.33E-03	1.5E-03	1.05E-03	1.57E-06	4.31E-04	6.74E-10	1.0E+06	6.7E-04
252	0.41215	3.33E-03	1.4E-03	1.05E-03	1.43E-06	4.31E-04	6.18E-10	1.0E+06	6.2E-04
253	0.50803	3.33E-03	1.7E-03	1.05E-03	1.77E-06	4.31E-04	7.61E-10	1.0E+06	7.6E-04
254	0.47041	3.33E-03	1.6E-03	1.05E-03	1.64E-06	4.31E-04	7.05E-10	1.0E+06	7.0E-04
255	0.40174	3.33E-03	1.3E-03	1.05E-03	1.40E-06	4.31E-04	6.02E-10	1.0E+06	6.0E-04
256	0.37082	3.33E-03	1.2E-03	1.05E-03	1.29E-06	4.31E-04	5.56E-10	1.0E+06	5.6E-04
257	0.29248	3.33E-03	9.7E-04	1.05E-03	1.02E-06	4.31E-04	4.38E-10	1.0E+06	4.4E-04
258	0.44707	3.33E-03	1.5E-03	1.05E-03	1.56E-06	4.31E-04	6.70E-10	1.0E+06	6.7E-04
259	0.41671	3.33E-03	1.4E-03	1.05E-03	1.45E-06	4.31E-04	6.24E-10	1.0E+06	6.2E-04
260	0.38781	3.33E-03	1.3E-03	1.05E-03	1.35E-06	4.31E-04	5.81E-10	1.0E+06	5.8E-04
261	0.36056	3.33E-03	1.2E-03	1.05E-03	1.25E-06	4.31E-04	5.40E-10	1.0E+06	5.4E-04
262	0.33495	3.33E-03	1.1E-03	1.05E-03	1.17E-06	4.31E-04	5.02E-10	1.0E+06	5.0E-04
263	0.26861	3.33E-03	8.9E-04	1.05E-03	9.35E-07	4.31E-04	4.03E-10	1.0E+06	4.0E-04
264	0.37128	3.33E-03	1.2E-03	1.05E-03	1.29E-06	4.31E-04	5.56E-10	1.0E+06	5.6E-04
265	0.34761	3.33E-03	1.2E-03	1.05E-03	1.21E-06	4.31E-04	5.21E-10	1.0E+06	5.2E-04
266	0.32505	3.33E-03	1.1E-03	1.05E-03	1.13E-06	4.31E-04	4.87E-10	1.0E+06	4.9E-04
267	0.30366	3.33E-03	1.0E-03	1.05E-03	1.06E-06	4.31E-04	4.55E-10	1.0E+06	4.6E-04
268	0.24733	3.33E-03	8.2E-04	1.05E-03	8.61E-07	4.31E-04	3.71E-10	1.0E+06	3.7E-04
269	0.42479	3.33E-03	1.4E-03	1.05E-03	1.48E-06	4.31E-04	6.37E-10	1.0E+06	6.4E-04
270	0.34992	3.33E-03	1.2E-03	1.05E-03	1.22E-06	4.31E-04	5.24E-10	1.0E+06	5.2E-04
271	0.29244	3.33E-03	9.7E-04	1.05E-03	1.02E-06	4.31E-04	4.38E-10	1.0E+06	4.4E-04
272	0.24763	3.33E-03	8.2E-04	1.05E-03	8.62E-07	4.31E-04	3.71E-10	1.0E+06	3.7E-04
273	0.2122	3.33E-03	7.1E-04	1.05E-03	7.39E-07	4.31E-04	3.18E-10	1.0E+06	3.2E-04
274	0.18383	3.33E-03	6.1E-04	1.05E-03	6.40E-07	4.31E-04	2.75E-10	1.0E+06	2.8E-04
275	0.16082	3.33E-03	5.4E-04	1.05E-03	5.60E-07	4.31E-04	2.41E-10	1.0E+06	2.4E-04
276	0.38014	3.33E-03	1.3E-03	1.05E-03	1.32E-06	4.31E-04	5.70E-10	1.0E+06	5.7E-04
277	0.31361	3.33E-03	1.0E-03	1.05E-03	1.09E-06	4.31E-04	4.70E-10	1.0E+06	4.7E-04
278	0.26286	3.33E-03	8.8E-04	1.05E-03	9.15E-07	4.31E-04	3.94E-10	1.0E+06	3.9E-04
279	0.22341	3.33E-03	7.4E-04	1.05E-03	7.78E-07	4.31E-04	3.35E-10	1.0E+06	3.3E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
280	0.19225	3.33E-03	6.4E-04	1.05E-03	6.69E-07	4.31E-04	2.88E-10	1.0E+06	2.9E-04
281	0.16727	3.33E-03	5.6E-04	1.05E-03	5.82E-07	4.31E-04	2.51E-10	1.0E+06	2.5E-04
282	0.14696	3.33E-03	4.9E-04	1.05E-03	5.12E-07	4.31E-04	2.20E-10	1.0E+06	2.2E-04
283	0.33378	3.33E-03	1.1E-03	1.05E-03	1.16E-06	4.31E-04	5.00E-10	1.0E+06	5.0E-04
284	0.2773	3.33E-03	9.2E-04	1.05E-03	9.65E-07	4.31E-04	4.16E-10	1.0E+06	4.2E-04
285	0.23407	3.33E-03	7.8E-04	1.05E-03	8.15E-07	4.31E-04	3.51E-10	1.0E+06	3.5E-04
286	0.20028	3.33E-03	6.7E-04	1.05E-03	6.97E-07	4.31E-04	3.00E-10	1.0E+06	3.0E-04
287	0.17344	3.33E-03	5.8E-04	1.05E-03	6.04E-07	4.31E-04	2.60E-10	1.0E+06	2.6E-04
288	0.15179	3.33E-03	5.1E-04	1.05E-03	5.28E-07	4.31E-04	2.27E-10	1.0E+06	2.3E-04
289	0.1341	3.33E-03	4.5E-04	1.05E-03	4.67E-07	4.31E-04	2.01E-10	1.0E+06	2.0E-04
290	0.29099	3.33E-03	9.7E-04	1.05E-03	1.01E-06	4.31E-04	4.36E-10	1.0E+06	4.4E-04
291	0.24425	3.33E-03	8.1E-04	1.05E-03	8.50E-07	4.31E-04	3.66E-10	1.0E+06	3.7E-04
292	0.20804	3.33E-03	6.9E-04	1.05E-03	7.24E-07	4.31E-04	3.12E-10	1.0E+06	3.1E-04
293	0.17947	3.33E-03	6.0E-04	1.05E-03	6.25E-07	4.31E-04	2.69E-10	1.0E+06	2.7E-04
294	0.15655	3.33E-03	5.2E-04	1.05E-03	5.45E-07	4.31E-04	2.35E-10	1.0E+06	2.3E-04
295	0.13792	3.33E-03	4.6E-04	1.05E-03	4.80E-07	4.31E-04	2.07E-10	1.0E+06	2.1E-04
296	0.12256	3.33E-03	4.1E-04	1.05E-03	4.27E-07	4.31E-04	1.84E-10	1.0E+06	1.8E-04
297	0.2545	3.33E-03	8.5E-04	1.05E-03	8.86E-07	4.31E-04	3.81E-10	1.0E+06	3.8E-04
298	0.21596	3.33E-03	7.2E-04	1.05E-03	7.52E-07	4.31E-04	3.24E-10	1.0E+06	3.2E-04
299	0.18569	3.33E-03	6.2E-04	1.05E-03	6.46E-07	4.31E-04	2.78E-10	1.0E+06	2.8E-04
300	0.16152	3.33E-03	5.4E-04	1.05E-03	5.62E-07	4.31E-04	2.42E-10	1.0E+06	2.4E-04
301	0.14194	3.33E-03	4.7E-04	1.05E-03	4.94E-07	4.31E-04	2.13E-10	1.0E+06	2.1E-04
302	0.12585	3.33E-03	4.2E-04	1.05E-03	4.38E-07	4.31E-04	1.89E-10	1.0E+06	1.9E-04
303	0.11248	3.33E-03	3.7E-04	1.05E-03	3.92E-07	4.31E-04	1.69E-10	1.0E+06	1.7E-04
304	0.22442	3.33E-03	7.5E-04	1.05E-03	7.81E-07	4.31E-04	3.36E-10	1.0E+06	3.4E-04
305	0.19242	3.33E-03	6.4E-04	1.05E-03	6.70E-07	4.31E-04	2.88E-10	1.0E+06	2.9E-04
306	0.16695	3.33E-03	5.6E-04	1.05E-03	5.81E-07	4.31E-04	2.50E-10	1.0E+06	2.5E-04
307	0.14635	3.33E-03	4.9E-04	1.05E-03	5.09E-07	4.31E-04	2.19E-10	1.0E+06	2.2E-04
308	0.12948	3.33E-03	4.3E-04	1.05E-03	4.51E-07	4.31E-04	1.94E-10	1.0E+06	1.9E-04
309	0.11549	3.33E-03	3.8E-04	1.05E-03	4.02E-07	4.31E-04	1.73E-10	1.0E+06	1.7E-04
310	0.10378	3.33E-03	3.5E-04	1.05E-03	3.61E-07	4.31E-04	1.56E-10	1.0E+06	1.6E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
311	0.19983	3.33E-03	6.7E-04	1.05E-03	6.96E-07	4.31E-04	2.99E-10	1.0E+06	3.0E-04
312	0.17293	3.33E-03	5.8E-04	1.05E-03	6.02E-07	4.31E-04	2.59E-10	1.0E+06	2.6E-04
313	0.15126	3.33E-03	5.0E-04	1.05E-03	5.26E-07	4.31E-04	2.27E-10	1.0E+06	2.3E-04
314	0.13354	3.33E-03	4.4E-04	1.05E-03	4.65E-07	4.31E-04	2.00E-10	1.0E+06	2.0E-04
315	0.11888	3.33E-03	4.0E-04	1.05E-03	4.14E-07	4.31E-04	1.78E-10	1.0E+06	1.8E-04
316	0.10662	3.33E-03	3.6E-04	1.05E-03	3.71E-07	4.31E-04	1.60E-10	1.0E+06	1.6E-04
317	0.09626	3.33E-03	3.2E-04	1.05E-03	3.35E-07	4.31E-04	1.44E-10	1.0E+06	1.4E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Paving Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	3.37E-05
2	5	3.53E-05
3	5	3.57E-05
4	5	4.90E-05
5	5	5.13E-05
6	5	5.36E-05
7	5	5.58E-05
8	5	5.79E-05
9	5	5.98E-05
10	5	6.17E-05
11	5	6.37E-05
12	5	6.58E-05
13	5	6.83E-05
14	5	7.11E-05
15	5	7.45E-05
16	5	7.88E-05
17	5	8.39E-05
18	5	8.96E-05
19	5	9.58E-05
20	5	1.02E-04
21	5	1.08E-04
22	5	1.14E-04
23	5	1.19E-04
24	5	1.22E-04
25	5	1.25E-04
26	5	3.62E-05
27	5	3.80E-05
28	5	3.85E-05
29	5	5.40E-05
30	5	5.69E-05
31	5	5.98E-05

Max	Receptor #
0.002	239

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	6.26E-05
33	5	6.52E-05
34	5	6.77E-05
35	5	7.01E-05
36	5	7.25E-05
37	5	7.53E-05
38	5	7.85E-05
39	5	8.21E-05
40	5	8.65E-05
41	5	9.22E-05
42	5	9.88E-05
43	5	1.06E-04
44	5	1.14E-04
45	5	1.22E-04
46	5	1.29E-04
47	5	1.35E-04
48	5	1.40E-04
49	5	1.43E-04
50	5	1.43E-04
51	5	3.90E-05
52	5	4.10E-05
53	5	4.17E-05
54	5	6.00E-05
55	5	6.36E-05
56	5	6.72E-05
57	5	7.07E-05
58	5	7.41E-05
59	5	7.73E-05
60	5	8.04E-05
61	5	8.36E-05
62	5	8.72E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	9.13E-05
64	5	9.60E-05
65	5	1.02E-04
66	5	1.10E-04
67	5	1.18E-04
68	5	1.28E-04
69	5	1.38E-04
70	5	1.47E-04
71	5	1.55E-04
72	5	1.61E-04
73	5	1.65E-04
74	5	1.66E-04
75	5	1.64E-04
76	5	4.21E-05
77	5	4.44E-05
78	5	4.54E-05
79	5	6.69E-05
80	5	7.14E-05
81	5	7.60E-05
82	5	8.06E-05
83	5	8.50E-05
84	5	8.93E-05
85	5	9.34E-05
86	5	9.79E-05
87	5	1.03E-04
88	5	1.08E-04
89	5	1.14E-04
90	5	1.22E-04
91	5	1.33E-04
92	5	1.45E-04
93	5	1.57E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	1.69E-04
95	5	1.80E-04
96	5	1.88E-04
97	5	1.93E-04
98	5	1.94E-04
99	5	1.92E-04
100	5	1.87E-04
101	5	4.55E-05
102	5	4.82E-05
103	5	4.97E-05
104	5	7.51E-05
105	5	8.09E-05
106	5	8.68E-05
107	5	9.28E-05
108	5	9.87E-05
109	5	1.04E-04
110	5	1.10E-04
111	5	1.16E-04
112	5	1.22E-04
113	5	1.29E-04
114	5	1.38E-04
115	5	1.50E-04
116	5	1.64E-04
117	5	1.80E-04
118	5	1.97E-04
119	5	2.11E-04
120	5	2.23E-04
121	5	2.29E-04
122	5	2.31E-04
123	5	2.28E-04
124	5	2.20E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	4.92E-05
126	5	5.24E-05
127	5	5.44E-05
128	5	9.23E-05
129	5	1.00E-04
130	5	1.08E-04
131	5	1.16E-04
132	5	1.24E-04
133	5	1.32E-04
134	5	1.40E-04
135	5	1.49E-04
136	5	1.58E-04
137	5	1.72E-04
138	5	1.89E-04
139	5	2.09E-04
140	5	2.31E-04
141	5	2.52E-04
142	5	2.68E-04
143	5	2.77E-04
144	5	2.79E-04
145	5	2.75E-04
146	5	2.64E-04
147	5	5.32E-05
148	5	5.70E-05
149	5	5.98E-05
150	5	1.06E-04
151	5	1.17E-04
152	5	1.27E-04
153	5	1.39E-04
154	5	1.50E-04
155	5	1.62E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	1.73E-04
157	5	1.85E-04
158	5	1.99E-04
159	5	2.19E-04
160	5	2.45E-04
161	5	2.74E-04
162	5	3.03E-04
163	5	3.27E-04
164	5	3.42E-04
165	5	3.45E-04
166	5	3.38E-04
167	5	3.22E-04
168	5	3.01E-04
169	5	5.75E-05
170	5	6.20E-05
171	5	6.59E-05
172	5	6.97E-05
173	5	1.24E-04
174	5	1.37E-04
175	5	1.53E-04
176	5	1.69E-04
177	5	1.86E-04
178	5	2.03E-04
179	5	2.19E-04
180	5	2.37E-04
181	5	2.59E-04
182	5	2.90E-04
183	5	4.27E-04
184	5	4.02E-04
185	5	6.74E-05
186	5	7.25E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	7.72E-05
188	5	1.45E-04
189	5	1.64E-04
190	5	1.86E-04
191	5	2.10E-04
192	5	2.36E-04
193	5	2.62E-04
194	5	2.87E-04
195	5	3.14E-04
196	5	3.51E-04
197	5	4.03E-04
198	5	7.90E-05
199	5	8.58E-05
200	5	8.61E-05
201	5	9.50E-05
202	5	1.04E-04
203	5	1.04E-04
204	5	1.17E-04
205	5	1.30E-04
206	5	1.29E-04
207	5	1.47E-04
208	5	1.68E-04
209	5	1.42E-04
210	5	1.65E-04
211	5	1.91E-04
212	5	1.83E-04
213	5	2.18E-04
214	5	2.60E-04
215	5	2.04E-04
216	5	2.46E-04
217	5	2.98E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	3.40E-04
219	5	4.34E-04
220	5	3.82E-04
221	5	4.84E-04
222	5	4.10E-04
223	5	5.13E-04
224	5	6.63E-04
225	5	5.08E-04
226	5	6.28E-04
227	5	1.29E-04
228	5	1.13E-04
229	5	9.90E-05
230	5	8.77E-05
231	5	1.15E-04
232	5	1.02E-04
233	5	9.00E-05
234	5	8.03E-05
235	5	1.03E-04
236	5	9.17E-05
237	5	8.20E-05
238	5	7.38E-05
239	5	1.55E-03
240	5	1.29E-03
241	5	1.08E-03
242	5	9.11E-04
243	5	1.20E-03
244	5	1.03E-03
245	5	8.84E-04
246	5	7.61E-04
247	5	9.52E-04
248	5	8.36E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	7.32E-04
250	5	6.42E-04
251	5	2.99E-04
252	5	2.75E-04
253	5	3.38E-04
254	5	3.13E-04
255	5	2.68E-04
256	5	2.47E-04
257	5	1.95E-04
258	5	2.98E-04
259	5	2.78E-04
260	5	2.58E-04
261	5	2.40E-04
262	5	2.23E-04
263	5	1.79E-04
264	5	2.47E-04
265	5	2.32E-04
266	5	2.16E-04
267	5	2.02E-04
268	5	1.65E-04
269	5	2.83E-04
270	5	2.33E-04
271	5	1.95E-04
272	5	1.65E-04
273	5	1.41E-04
274	5	1.22E-04
275	5	1.07E-04
276	5	2.53E-04
277	5	2.09E-04
278	5	1.75E-04
279	5	1.49E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	1.28E-04
281	5	1.11E-04
282	5	9.79E-05
283	5	2.22E-04
284	5	1.85E-04
285	5	1.56E-04
286	5	1.33E-04
287	5	1.16E-04
288	5	1.01E-04
289	5	8.93E-05
290	5	1.94E-04
291	5	1.63E-04
292	5	1.39E-04
293	5	1.20E-04
294	5	1.04E-04
295	5	9.19E-05
296	5	8.16E-05
297	5	1.70E-04
298	5	1.44E-04
299	5	1.24E-04
300	5	1.08E-04
301	5	9.45E-05
302	5	8.38E-05
303	5	7.49E-05
304	5	1.49E-04
305	5	1.28E-04
306	5	1.11E-04
307	5	9.75E-05
308	5	8.62E-05
309	5	7.69E-05
310	5	6.91E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	1.33E-04
312	5	1.15E-04
313	5	1.01E-04
314	5	8.89E-05
315	5	7.92E-05
316	5	7.10E-05
317	5	6.41E-05

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Parcel 4-H: Unmitigated - Parcel 4 - Architectural Coating Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05049	8.92E-04	4.5E-05	1.05E-03	4.71E-08	4.31E-04	2.03E-11	1.0E+06	2.0E-05
2	0.05275	8.92E-04	4.7E-05	1.05E-03	4.92E-08	4.31E-04	2.12E-11	1.0E+06	2.1E-05
3	0.05347	8.92E-04	4.8E-05	1.05E-03	4.99E-08	4.31E-04	2.15E-11	1.0E+06	2.1E-05
4	0.0735	8.92E-04	6.6E-05	1.05E-03	6.85E-08	4.31E-04	2.95E-11	1.0E+06	3.0E-05
5	0.07711	8.92E-04	6.9E-05	1.05E-03	7.19E-08	4.31E-04	3.10E-11	1.0E+06	3.1E-05
6	0.08065	8.92E-04	7.2E-05	1.05E-03	7.52E-08	4.31E-04	3.24E-11	1.0E+06	3.2E-05
7	0.08406	8.92E-04	7.5E-05	1.05E-03	7.84E-08	4.31E-04	3.37E-11	1.0E+06	3.4E-05
8	0.08731	8.92E-04	7.8E-05	1.05E-03	8.14E-08	4.31E-04	3.50E-11	1.0E+06	3.5E-05
9	0.09038	8.92E-04	8.1E-05	1.05E-03	8.43E-08	4.31E-04	3.63E-11	1.0E+06	3.6E-05
10	0.09334	8.92E-04	8.3E-05	1.05E-03	8.70E-08	4.31E-04	3.75E-11	1.0E+06	3.7E-05
11	0.09627	8.92E-04	8.6E-05	1.05E-03	8.98E-08	4.31E-04	3.86E-11	1.0E+06	3.9E-05
12	0.09941	8.92E-04	8.9E-05	1.05E-03	9.27E-08	4.31E-04	3.99E-11	1.0E+06	4.0E-05
13	0.10311	8.92E-04	9.2E-05	1.05E-03	9.61E-08	4.31E-04	4.14E-11	1.0E+06	4.1E-05
14	0.10724	8.92E-04	9.6E-05	1.05E-03	1.00E-07	4.31E-04	4.30E-11	1.0E+06	4.3E-05
15	0.11217	8.92E-04	1.0E-04	1.05E-03	1.05E-07	4.31E-04	4.50E-11	1.0E+06	4.5E-05
16	0.11838	8.92E-04	1.1E-04	1.05E-03	1.10E-07	4.31E-04	4.75E-11	1.0E+06	4.8E-05
17	0.12587	8.92E-04	1.1E-04	1.05E-03	1.17E-07	4.31E-04	5.05E-11	1.0E+06	5.1E-05
18	0.13442	8.92E-04	1.2E-04	1.05E-03	1.25E-07	4.31E-04	5.40E-11	1.0E+06	5.4E-05
19	0.14389	8.92E-04	1.3E-04	1.05E-03	1.34E-07	4.31E-04	5.78E-11	1.0E+06	5.8E-05
20	0.15382	8.92E-04	1.4E-04	1.05E-03	1.43E-07	4.31E-04	6.17E-11	1.0E+06	6.2E-05
21	0.16361	8.92E-04	1.5E-04	1.05E-03	1.53E-07	4.31E-04	6.57E-11	1.0E+06	6.6E-05
22	0.17267	8.92E-04	1.5E-04	1.05E-03	1.61E-07	4.31E-04	6.93E-11	1.0E+06	6.9E-05
23	0.18039	8.92E-04	1.6E-04	1.05E-03	1.68E-07	4.31E-04	7.24E-11	1.0E+06	7.2E-05
24	0.18629	8.92E-04	1.7E-04	1.05E-03	1.74E-07	4.31E-04	7.48E-11	1.0E+06	7.5E-05
25	0.19003	8.92E-04	1.7E-04	1.05E-03	1.77E-07	4.31E-04	7.63E-11	1.0E+06	7.6E-05
26	0.05422	8.92E-04	4.8E-05	1.05E-03	5.06E-08	4.31E-04	2.18E-11	1.0E+06	2.2E-05
27	0.05679	8.92E-04	5.1E-05	1.05E-03	5.30E-08	4.31E-04	2.28E-11	1.0E+06	2.3E-05
28	0.05764	8.92E-04	5.1E-05	1.05E-03	5.37E-08	4.31E-04	2.31E-11	1.0E+06	2.3E-05
29	0.08104	8.92E-04	7.2E-05	1.05E-03	7.56E-08	4.31E-04	3.25E-11	1.0E+06	3.3E-05
30	0.08551	8.92E-04	7.6E-05	1.05E-03	7.97E-08	4.31E-04	3.43E-11	1.0E+06	3.4E-05
31	0.08994	8.92E-04	8.0E-05	1.05E-03	8.39E-08	4.31E-04	3.61E-11	1.0E+06	3.6E-05

<b>Max</b>	<b>Receptor #</b>
0.00091	239

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.09425	8.92E-04	8.4E-05	1.05E-03	8.79E-08	4.31E-04	3.78E-11	1.0E+06	3.8E-05
33	0.09835	8.92E-04	8.8E-05	1.05E-03	9.17E-08	4.31E-04	3.95E-11	1.0E+06	3.9E-05
34	0.10225	8.92E-04	9.1E-05	1.05E-03	9.53E-08	4.31E-04	4.10E-11	1.0E+06	4.1E-05
35	0.10599	8.92E-04	9.5E-05	1.05E-03	9.88E-08	4.31E-04	4.25E-11	1.0E+06	4.3E-05
36	0.10968	8.92E-04	9.8E-05	1.05E-03	1.02E-07	4.31E-04	4.40E-11	1.0E+06	4.4E-05
37	0.11385	8.92E-04	1.0E-04	1.05E-03	1.06E-07	4.31E-04	4.57E-11	1.0E+06	4.6E-05
38	0.11855	8.92E-04	1.1E-04	1.05E-03	1.11E-07	4.31E-04	4.76E-11	1.0E+06	4.8E-05
39	0.1237	8.92E-04	1.1E-04	1.05E-03	1.15E-07	4.31E-04	4.97E-11	1.0E+06	5.0E-05
40	0.13016	8.92E-04	1.2E-04	1.05E-03	1.21E-07	4.31E-04	5.22E-11	1.0E+06	5.2E-05
41	0.13841	8.92E-04	1.2E-04	1.05E-03	1.29E-07	4.31E-04	5.56E-11	1.0E+06	5.6E-05
42	0.14817	8.92E-04	1.3E-04	1.05E-03	1.38E-07	4.31E-04	5.95E-11	1.0E+06	5.9E-05
43	0.15934	8.92E-04	1.4E-04	1.05E-03	1.49E-07	4.31E-04	6.40E-11	1.0E+06	6.4E-05
44	0.17143	8.92E-04	1.5E-04	1.05E-03	1.60E-07	4.31E-04	6.88E-11	1.0E+06	6.9E-05
45	0.18367	8.92E-04	1.6E-04	1.05E-03	1.71E-07	4.31E-04	7.37E-11	1.0E+06	7.4E-05
46	0.19518	8.92E-04	1.7E-04	1.05E-03	1.82E-07	4.31E-04	7.83E-11	1.0E+06	7.8E-05
47	0.20512	8.92E-04	1.8E-04	1.05E-03	1.91E-07	4.31E-04	8.23E-11	1.0E+06	8.2E-05
48	0.21275	8.92E-04	1.9E-04	1.05E-03	1.98E-07	4.31E-04	8.54E-11	1.0E+06	8.5E-05
49	0.21758	8.92E-04	1.9E-04	1.05E-03	2.03E-07	4.31E-04	8.73E-11	1.0E+06	8.7E-05
50	0.21936	8.92E-04	2.0E-04	1.05E-03	2.05E-07	4.31E-04	8.81E-11	1.0E+06	8.8E-05
51	0.05837	8.92E-04	5.2E-05	1.05E-03	5.44E-08	4.31E-04	2.34E-11	1.0E+06	2.3E-05
52	0.06133	8.92E-04	5.5E-05	1.05E-03	5.72E-08	4.31E-04	2.46E-11	1.0E+06	2.5E-05
53	0.06242	8.92E-04	5.6E-05	1.05E-03	5.82E-08	4.31E-04	2.51E-11	1.0E+06	2.5E-05
54	0.08981	8.92E-04	8.0E-05	1.05E-03	8.37E-08	4.31E-04	3.61E-11	1.0E+06	3.6E-05
55	0.09536	8.92E-04	8.5E-05	1.05E-03	8.89E-08	4.31E-04	3.83E-11	1.0E+06	3.8E-05
56	0.10095	8.92E-04	9.0E-05	1.05E-03	9.41E-08	4.31E-04	4.05E-11	1.0E+06	4.1E-05
57	0.10645	8.92E-04	9.5E-05	1.05E-03	9.93E-08	4.31E-04	4.27E-11	1.0E+06	4.3E-05
58	0.11174	8.92E-04	1.0E-04	1.05E-03	1.04E-07	4.31E-04	4.49E-11	1.0E+06	4.5E-05
59	0.1168	8.92E-04	1.0E-04	1.05E-03	1.09E-07	4.31E-04	4.69E-11	1.0E+06	4.7E-05
60	0.12165	8.92E-04	1.1E-04	1.05E-03	1.13E-07	4.31E-04	4.88E-11	1.0E+06	4.9E-05
61	0.12641	8.92E-04	1.1E-04	1.05E-03	1.18E-07	4.31E-04	5.07E-11	1.0E+06	5.1E-05
62	0.1319	8.92E-04	1.2E-04	1.05E-03	1.23E-07	4.31E-04	5.29E-11	1.0E+06	5.3E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
63	0.13778	8.92E-04	1.2E-04	1.05E-03	1.28E-07	4.31E-04	5.53E-11	1.0E+06	5.5E-05
64	0.14458	8.92E-04	1.3E-04	1.05E-03	1.35E-07	4.31E-04	5.80E-11	1.0E+06	5.8E-05
65	0.15324	8.92E-04	1.4E-04	1.05E-03	1.43E-07	4.31E-04	6.15E-11	1.0E+06	6.2E-05
66	0.16438	8.92E-04	1.5E-04	1.05E-03	1.53E-07	4.31E-04	6.60E-11	1.0E+06	6.6E-05
67	0.17742	8.92E-04	1.6E-04	1.05E-03	1.65E-07	4.31E-04	7.12E-11	1.0E+06	7.1E-05
68	0.19213	8.92E-04	1.7E-04	1.05E-03	1.79E-07	4.31E-04	7.71E-11	1.0E+06	7.7E-05
69	0.20753	8.92E-04	1.9E-04	1.05E-03	1.93E-07	4.31E-04	8.33E-11	1.0E+06	8.3E-05
70	0.22239	8.92E-04	2.0E-04	1.05E-03	2.07E-07	4.31E-04	8.93E-11	1.0E+06	8.9E-05
71	0.23543	8.92E-04	2.1E-04	1.05E-03	2.20E-07	4.31E-04	9.45E-11	1.0E+06	9.5E-05
72	0.24552	8.92E-04	2.2E-04	1.05E-03	2.29E-07	4.31E-04	9.86E-11	1.0E+06	9.9E-05
73	0.25187	8.92E-04	2.2E-04	1.05E-03	2.35E-07	4.31E-04	1.01E-10	1.0E+06	1.0E-04
74	0.25414	8.92E-04	2.3E-04	1.05E-03	2.37E-07	4.31E-04	1.02E-10	1.0E+06	1.0E-04
75	0.25239	8.92E-04	2.3E-04	1.05E-03	2.35E-07	4.31E-04	1.01E-10	1.0E+06	1.0E-04
76	0.06295	8.92E-04	5.6E-05	1.05E-03	5.87E-08	4.31E-04	2.53E-11	1.0E+06	2.5E-05
77	0.06639	8.92E-04	5.9E-05	1.05E-03	6.19E-08	4.31E-04	2.67E-11	1.0E+06	2.7E-05
78	0.06792	8.92E-04	6.1E-05	1.05E-03	6.33E-08	4.31E-04	2.73E-11	1.0E+06	2.7E-05
79	0.10008	8.92E-04	8.9E-05	1.05E-03	9.33E-08	4.31E-04	4.02E-11	1.0E+06	4.0E-05
80	0.10702	8.92E-04	9.5E-05	1.05E-03	9.98E-08	4.31E-04	4.30E-11	1.0E+06	4.3E-05
81	0.11413	8.92E-04	1.0E-04	1.05E-03	1.06E-07	4.31E-04	4.58E-11	1.0E+06	4.6E-05
82	0.12124	8.92E-04	1.1E-04	1.05E-03	1.13E-07	4.31E-04	4.87E-11	1.0E+06	4.9E-05
83	0.12819	8.92E-04	1.1E-04	1.05E-03	1.20E-07	4.31E-04	5.15E-11	1.0E+06	5.1E-05
84	0.13489	8.92E-04	1.2E-04	1.05E-03	1.26E-07	4.31E-04	5.41E-11	1.0E+06	5.4E-05
85	0.14132	8.92E-04	1.3E-04	1.05E-03	1.32E-07	4.31E-04	5.67E-11	1.0E+06	5.7E-05
86	0.14818	8.92E-04	1.3E-04	1.05E-03	1.38E-07	4.31E-04	5.95E-11	1.0E+06	5.9E-05
87	0.15509	8.92E-04	1.4E-04	1.05E-03	1.45E-07	4.31E-04	6.23E-11	1.0E+06	6.2E-05
88	0.16247	8.92E-04	1.4E-04	1.05E-03	1.51E-07	4.31E-04	6.52E-11	1.0E+06	6.5E-05
89	0.17167	8.92E-04	1.5E-04	1.05E-03	1.60E-07	4.31E-04	6.89E-11	1.0E+06	6.9E-05
90	0.18368	8.92E-04	1.6E-04	1.05E-03	1.71E-07	4.31E-04	7.37E-11	1.0E+06	7.4E-05
91	0.19888	8.92E-04	1.8E-04	1.05E-03	1.85E-07	4.31E-04	7.98E-11	1.0E+06	8.0E-05
92	0.21667	8.92E-04	1.9E-04	1.05E-03	2.02E-07	4.31E-04	8.70E-11	1.0E+06	8.7E-05
93	0.23614	8.92E-04	2.1E-04	1.05E-03	2.20E-07	4.31E-04	9.48E-11	1.0E+06	9.5E-05



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
94	0.25558	8.92E-04	2.3E-04	1.05E-03	2.38E-07	4.31E-04	1.03E-10	1.0E+06	1.0E-04
95	0.27301	8.92E-04	2.4E-04	1.05E-03	2.55E-07	4.31E-04	1.10E-10	1.0E+06	1.1E-04
96	0.28668	8.92E-04	2.6E-04	1.05E-03	2.67E-07	4.31E-04	1.15E-10	1.0E+06	1.2E-04
97	0.29531	8.92E-04	2.6E-04	1.05E-03	2.75E-07	4.31E-04	1.19E-10	1.0E+06	1.2E-04
98	0.2983	8.92E-04	2.7E-04	1.05E-03	2.78E-07	4.31E-04	1.20E-10	1.0E+06	1.2E-04
99	0.29575	8.92E-04	2.6E-04	1.05E-03	2.76E-07	4.31E-04	1.19E-10	1.0E+06	1.2E-04
100	0.28828	8.92E-04	2.6E-04	1.05E-03	2.69E-07	4.31E-04	1.16E-10	1.0E+06	1.2E-04
101	0.06796	8.92E-04	6.1E-05	1.05E-03	6.34E-08	4.31E-04	2.73E-11	1.0E+06	2.7E-05
102	0.07202	8.92E-04	6.4E-05	1.05E-03	6.72E-08	4.31E-04	2.89E-11	1.0E+06	2.9E-05
103	0.07416	8.92E-04	6.6E-05	1.05E-03	6.91E-08	4.31E-04	2.98E-11	1.0E+06	3.0E-05
104	0.11224	8.92E-04	1.0E-04	1.05E-03	1.05E-07	4.31E-04	4.51E-11	1.0E+06	4.5E-05
105	0.12094	8.92E-04	1.1E-04	1.05E-03	1.13E-07	4.31E-04	4.85E-11	1.0E+06	4.9E-05
106	0.13011	8.92E-04	1.2E-04	1.05E-03	1.21E-07	4.31E-04	5.22E-11	1.0E+06	5.2E-05
107	0.13945	8.92E-04	1.2E-04	1.05E-03	1.30E-07	4.31E-04	5.60E-11	1.0E+06	5.6E-05
108	0.14874	8.92E-04	1.3E-04	1.05E-03	1.39E-07	4.31E-04	5.97E-11	1.0E+06	6.0E-05
109	0.15775	8.92E-04	1.4E-04	1.05E-03	1.47E-07	4.31E-04	6.33E-11	1.0E+06	6.3E-05
110	0.1666	8.92E-04	1.5E-04	1.05E-03	1.55E-07	4.31E-04	6.69E-11	1.0E+06	6.7E-05
111	0.17613	8.92E-04	1.6E-04	1.05E-03	1.64E-07	4.31E-04	7.07E-11	1.0E+06	7.1E-05
112	0.18485	8.92E-04	1.6E-04	1.05E-03	1.72E-07	4.31E-04	7.42E-11	1.0E+06	7.4E-05
113	0.1949	8.92E-04	1.7E-04	1.05E-03	1.82E-07	4.31E-04	7.82E-11	1.0E+06	7.8E-05
114	0.20776	8.92E-04	1.9E-04	1.05E-03	1.94E-07	4.31E-04	8.34E-11	1.0E+06	8.3E-05
115	0.22476	8.92E-04	2.0E-04	1.05E-03	2.10E-07	4.31E-04	9.02E-11	1.0E+06	9.0E-05
116	0.24606	8.92E-04	2.2E-04	1.05E-03	2.29E-07	4.31E-04	9.88E-11	1.0E+06	9.9E-05
117	0.2707	8.92E-04	2.4E-04	1.05E-03	2.52E-07	4.31E-04	1.09E-10	1.0E+06	1.1E-04
118	0.29641	8.92E-04	2.6E-04	1.05E-03	2.76E-07	4.31E-04	1.19E-10	1.0E+06	1.2E-04
119	0.32024	8.92E-04	2.9E-04	1.05E-03	2.99E-07	4.31E-04	1.29E-10	1.0E+06	1.3E-04
120	0.33929	8.92E-04	3.0E-04	1.05E-03	3.16E-07	4.31E-04	1.36E-10	1.0E+06	1.4E-04
121	0.35139	8.92E-04	3.1E-04	1.05E-03	3.28E-07	4.31E-04	1.41E-10	1.0E+06	1.4E-04
122	0.3555	8.92E-04	3.2E-04	1.05E-03	3.31E-07	4.31E-04	1.43E-10	1.0E+06	1.4E-04
123	0.35175	8.92E-04	3.1E-04	1.05E-03	3.28E-07	4.31E-04	1.41E-10	1.0E+06	1.4E-04
124	0.34118	8.92E-04	3.0E-04	1.05E-03	3.18E-07	4.31E-04	1.37E-10	1.0E+06	1.4E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
125	0.0734	8.92E-04	6.5E-05	1.05E-03	6.84E-08	4.31E-04	2.95E-11	1.0E+06	2.9E-05
126	0.07818	8.92E-04	7.0E-05	1.05E-03	7.29E-08	4.31E-04	3.14E-11	1.0E+06	3.1E-05
127	0.0811	8.92E-04	7.2E-05	1.05E-03	7.56E-08	4.31E-04	3.26E-11	1.0E+06	3.3E-05
128	0.13776	8.92E-04	1.2E-04	1.05E-03	1.28E-07	4.31E-04	5.53E-11	1.0E+06	5.5E-05
129	0.14966	8.92E-04	1.3E-04	1.05E-03	1.40E-07	4.31E-04	6.01E-11	1.0E+06	6.0E-05
130	0.16217	8.92E-04	1.4E-04	1.05E-03	1.51E-07	4.31E-04	6.51E-11	1.0E+06	6.5E-05
131	0.17479	8.92E-04	1.6E-04	1.05E-03	1.63E-07	4.31E-04	7.02E-11	1.0E+06	7.0E-05
132	0.18721	8.92E-04	1.7E-04	1.05E-03	1.75E-07	4.31E-04	7.52E-11	1.0E+06	7.5E-05
133	0.20004	8.92E-04	1.8E-04	1.05E-03	1.87E-07	4.31E-04	8.03E-11	1.0E+06	8.0E-05
134	0.21248	8.92E-04	1.9E-04	1.05E-03	1.98E-07	4.31E-04	8.53E-11	1.0E+06	8.5E-05
135	0.22453	8.92E-04	2.0E-04	1.05E-03	2.09E-07	4.31E-04	9.01E-11	1.0E+06	9.0E-05
136	0.23867	8.92E-04	2.1E-04	1.05E-03	2.23E-07	4.31E-04	9.58E-11	1.0E+06	9.6E-05
137	0.25728	8.92E-04	2.3E-04	1.05E-03	2.40E-07	4.31E-04	1.03E-10	1.0E+06	1.0E-04
138	0.28221	8.92E-04	2.5E-04	1.05E-03	2.63E-07	4.31E-04	1.13E-10	1.0E+06	1.1E-04
139	0.3126	8.92E-04	2.8E-04	1.05E-03	2.91E-07	4.31E-04	1.25E-10	1.0E+06	1.3E-04
140	0.34686	8.92E-04	3.1E-04	1.05E-03	3.23E-07	4.31E-04	1.39E-10	1.0E+06	1.4E-04
141	0.38027	8.92E-04	3.4E-04	1.05E-03	3.55E-07	4.31E-04	1.53E-10	1.0E+06	1.5E-04
142	0.40778	8.92E-04	3.6E-04	1.05E-03	3.80E-07	4.31E-04	1.64E-10	1.0E+06	1.6E-04
143	0.42541	8.92E-04	3.8E-04	1.05E-03	3.97E-07	4.31E-04	1.71E-10	1.0E+06	1.7E-04
144	0.43136	8.92E-04	3.8E-04	1.05E-03	4.02E-07	4.31E-04	1.73E-10	1.0E+06	1.7E-04
145	0.42579	8.92E-04	3.8E-04	1.05E-03	3.97E-07	4.31E-04	1.71E-10	1.0E+06	1.7E-04
146	0.41044	8.92E-04	3.7E-04	1.05E-03	3.83E-07	4.31E-04	1.65E-10	1.0E+06	1.6E-04
147	0.07926	8.92E-04	7.1E-05	1.05E-03	7.39E-08	4.31E-04	3.18E-11	1.0E+06	3.2E-05
148	0.08492	8.92E-04	7.6E-05	1.05E-03	7.92E-08	4.31E-04	3.41E-11	1.0E+06	3.4E-05
149	0.08901	8.92E-04	7.9E-05	1.05E-03	8.30E-08	4.31E-04	3.57E-11	1.0E+06	3.6E-05
150	0.15834	8.92E-04	1.4E-04	1.05E-03	1.48E-07	4.31E-04	6.36E-11	1.0E+06	6.4E-05
151	0.17392	8.92E-04	1.6E-04	1.05E-03	1.62E-07	4.31E-04	6.98E-11	1.0E+06	7.0E-05
152	0.19083	8.92E-04	1.7E-04	1.05E-03	1.78E-07	4.31E-04	7.66E-11	1.0E+06	7.7E-05
153	0.20843	8.92E-04	1.9E-04	1.05E-03	1.94E-07	4.31E-04	8.37E-11	1.0E+06	8.4E-05
154	0.22603	8.92E-04	2.0E-04	1.05E-03	2.11E-07	4.31E-04	9.07E-11	1.0E+06	9.1E-05
155	0.2452	8.92E-04	2.2E-04	1.05E-03	2.29E-07	4.31E-04	9.84E-11	1.0E+06	9.8E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.26189	8.92E-04	2.3E-04	1.05E-03	2.44E-07	4.31E-04	1.05E-10	1.0E+06	1.1E-04
157	0.27906	8.92E-04	2.5E-04	1.05E-03	2.60E-07	4.31E-04	1.12E-10	1.0E+06	1.1E-04
158	0.29978	8.92E-04	2.7E-04	1.05E-03	2.80E-07	4.31E-04	1.20E-10	1.0E+06	1.2E-04
159	0.32784	8.92E-04	2.9E-04	1.05E-03	3.06E-07	4.31E-04	1.32E-10	1.0E+06	1.3E-04
160	0.36533	8.92E-04	3.3E-04	1.05E-03	3.41E-07	4.31E-04	1.47E-10	1.0E+06	1.5E-04
161	0.40998	8.92E-04	3.7E-04	1.05E-03	3.82E-07	4.31E-04	1.65E-10	1.0E+06	1.6E-04
162	0.45742	8.92E-04	4.1E-04	1.05E-03	4.26E-07	4.31E-04	1.84E-10	1.0E+06	1.8E-04
163	0.49834	8.92E-04	4.4E-04	1.05E-03	4.65E-07	4.31E-04	2.00E-10	1.0E+06	2.0E-04
164	0.5255	8.92E-04	4.7E-04	1.05E-03	4.90E-07	4.31E-04	2.11E-10	1.0E+06	2.1E-04
165	0.53479	8.92E-04	4.8E-04	1.05E-03	4.99E-07	4.31E-04	2.15E-10	1.0E+06	2.1E-04
166	0.52639	8.92E-04	4.7E-04	1.05E-03	4.91E-07	4.31E-04	2.11E-10	1.0E+06	2.1E-04
167	0.50344	8.92E-04	4.5E-04	1.05E-03	4.69E-07	4.31E-04	2.02E-10	1.0E+06	2.0E-04
168	0.47037	8.92E-04	4.2E-04	1.05E-03	4.39E-07	4.31E-04	1.89E-10	1.0E+06	1.9E-04
169	0.0855	8.92E-04	7.6E-05	1.05E-03	7.97E-08	4.31E-04	3.43E-11	1.0E+06	3.4E-05
170	0.09218	8.92E-04	8.2E-05	1.05E-03	8.59E-08	4.31E-04	3.70E-11	1.0E+06	3.7E-05
171	0.0979	8.92E-04	8.7E-05	1.05E-03	9.13E-08	4.31E-04	3.93E-11	1.0E+06	3.9E-05
172	0.10361	8.92E-04	9.2E-05	1.05E-03	9.66E-08	4.31E-04	4.16E-11	1.0E+06	4.2E-05
173	0.18383	8.92E-04	1.6E-04	1.05E-03	1.71E-07	4.31E-04	7.38E-11	1.0E+06	7.4E-05
174	0.20449	8.92E-04	1.8E-04	1.05E-03	1.91E-07	4.31E-04	8.21E-11	1.0E+06	8.2E-05
175	0.22777	8.92E-04	2.0E-04	1.05E-03	2.12E-07	4.31E-04	9.14E-11	1.0E+06	9.1E-05
176	0.25277	8.92E-04	2.3E-04	1.05E-03	2.36E-07	4.31E-04	1.01E-10	1.0E+06	1.0E-04
177	0.27923	8.92E-04	2.5E-04	1.05E-03	2.60E-07	4.31E-04	1.12E-10	1.0E+06	1.1E-04
178	0.3067	8.92E-04	2.7E-04	1.05E-03	2.86E-07	4.31E-04	1.23E-10	1.0E+06	1.2E-04
179	0.33138	8.92E-04	3.0E-04	1.05E-03	3.09E-07	4.31E-04	1.33E-10	1.0E+06	1.3E-04
180	0.35706	8.92E-04	3.2E-04	1.05E-03	3.33E-07	4.31E-04	1.43E-10	1.0E+06	1.4E-04
181	0.38857	8.92E-04	3.5E-04	1.05E-03	3.62E-07	4.31E-04	1.56E-10	1.0E+06	1.6E-04
182	0.43273	8.92E-04	3.9E-04	1.05E-03	4.03E-07	4.31E-04	1.74E-10	1.0E+06	1.7E-04
183	0.66771	8.92E-04	6.0E-04	1.05E-03	6.23E-07	4.31E-04	2.68E-10	1.0E+06	2.7E-04
184	0.63216	8.92E-04	5.6E-04	1.05E-03	5.89E-07	4.31E-04	2.54E-10	1.0E+06	2.5E-04
185	0.09991	8.92E-04	8.9E-05	1.05E-03	9.32E-08	4.31E-04	4.01E-11	1.0E+06	4.0E-05
186	0.1075	8.92E-04	9.6E-05	1.05E-03	1.00E-07	4.31E-04	4.32E-11	1.0E+06	4.3E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
187	0.11442	8.92E-04	1.0E-04	1.05E-03	1.07E-07	4.31E-04	4.59E-11	1.0E+06	4.6E-05
188	0.21559	8.92E-04	1.9E-04	1.05E-03	2.01E-07	4.31E-04	8.65E-11	1.0E+06	8.7E-05
189	0.2435	8.92E-04	2.2E-04	1.05E-03	2.27E-07	4.31E-04	9.77E-11	1.0E+06	9.8E-05
190	0.27604	8.92E-04	2.5E-04	1.05E-03	2.57E-07	4.31E-04	1.11E-10	1.0E+06	1.1E-04
191	0.31274	8.92E-04	2.8E-04	1.05E-03	2.92E-07	4.31E-04	1.26E-10	1.0E+06	1.3E-04
192	0.35449	8.92E-04	3.2E-04	1.05E-03	3.31E-07	4.31E-04	1.42E-10	1.0E+06	1.4E-04
193	0.39485	8.92E-04	3.5E-04	1.05E-03	3.68E-07	4.31E-04	1.59E-10	1.0E+06	1.6E-04
194	0.4335	8.92E-04	3.9E-04	1.05E-03	4.04E-07	4.31E-04	1.74E-10	1.0E+06	1.7E-04
195	0.4734	8.92E-04	4.2E-04	1.05E-03	4.41E-07	4.31E-04	1.90E-10	1.0E+06	1.9E-04
196	0.5241	8.92E-04	4.7E-04	1.05E-03	4.89E-07	4.31E-04	2.10E-10	1.0E+06	2.1E-04
197	0.59827	8.92E-04	5.3E-04	1.05E-03	5.58E-07	4.31E-04	2.40E-10	1.0E+06	2.4E-04
198	0.11678	8.92E-04	1.0E-04	1.05E-03	1.09E-07	4.31E-04	4.69E-11	1.0E+06	4.7E-05
199	0.12689	8.92E-04	1.1E-04	1.05E-03	1.18E-07	4.31E-04	5.09E-11	1.0E+06	5.1E-05
200	0.12696	8.92E-04	1.1E-04	1.05E-03	1.18E-07	4.31E-04	5.10E-11	1.0E+06	5.1E-05
201	0.13999	8.92E-04	1.2E-04	1.05E-03	1.31E-07	4.31E-04	5.62E-11	1.0E+06	5.6E-05
202	0.15261	8.92E-04	1.4E-04	1.05E-03	1.42E-07	4.31E-04	6.13E-11	1.0E+06	6.1E-05
203	0.15283	8.92E-04	1.4E-04	1.05E-03	1.42E-07	4.31E-04	6.13E-11	1.0E+06	6.1E-05
204	0.17112	8.92E-04	1.5E-04	1.05E-03	1.60E-07	4.31E-04	6.87E-11	1.0E+06	6.9E-05
205	0.19084	8.92E-04	1.7E-04	1.05E-03	1.78E-07	4.31E-04	7.66E-11	1.0E+06	7.7E-05
206	0.1886	8.92E-04	1.7E-04	1.05E-03	1.76E-07	4.31E-04	7.57E-11	1.0E+06	7.6E-05
207	0.214	8.92E-04	1.9E-04	1.05E-03	2.00E-07	4.31E-04	8.59E-11	1.0E+06	8.6E-05
208	0.24504	8.92E-04	2.2E-04	1.05E-03	2.28E-07	4.31E-04	9.84E-11	1.0E+06	9.8E-05
209	0.20642	8.92E-04	1.8E-04	1.05E-03	1.92E-07	4.31E-04	8.29E-11	1.0E+06	8.3E-05
210	0.23917	8.92E-04	2.1E-04	1.05E-03	2.23E-07	4.31E-04	9.60E-11	1.0E+06	9.6E-05
211	0.27656	8.92E-04	2.5E-04	1.05E-03	2.58E-07	4.31E-04	1.11E-10	1.0E+06	1.1E-04
212	0.26496	8.92E-04	2.4E-04	1.05E-03	2.47E-07	4.31E-04	1.06E-10	1.0E+06	1.1E-04
213	0.3145	8.92E-04	2.8E-04	1.05E-03	2.93E-07	4.31E-04	1.26E-10	1.0E+06	1.3E-04
214	0.37255	8.92E-04	3.3E-04	1.05E-03	3.47E-07	4.31E-04	1.50E-10	1.0E+06	1.5E-04
215	0.29428	8.92E-04	2.6E-04	1.05E-03	2.74E-07	4.31E-04	1.18E-10	1.0E+06	1.2E-04
216	0.35342	8.92E-04	3.2E-04	1.05E-03	3.30E-07	4.31E-04	1.42E-10	1.0E+06	1.4E-04
217	0.42496	8.92E-04	3.8E-04	1.05E-03	3.96E-07	4.31E-04	1.71E-10	1.0E+06	1.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
218	0.48469	8.92E-04	4.3E-04	1.05E-03	4.52E-07	4.31E-04	1.95E-10	1.0E+06	1.9E-04
219	0.61249	8.92E-04	5.5E-04	1.05E-03	5.71E-07	4.31E-04	2.46E-10	1.0E+06	2.5E-04
220	0.54319	8.92E-04	4.8E-04	1.05E-03	5.06E-07	4.31E-04	2.18E-10	1.0E+06	2.2E-04
221	0.68239	8.92E-04	6.1E-04	1.05E-03	6.36E-07	4.31E-04	2.74E-10	1.0E+06	2.7E-04
222	0.58147	8.92E-04	5.2E-04	1.05E-03	5.42E-07	4.31E-04	2.33E-10	1.0E+06	2.3E-04
223	0.72214	8.92E-04	6.4E-04	1.05E-03	6.73E-07	4.31E-04	2.90E-10	1.0E+06	2.9E-04
224	0.92576	8.92E-04	8.3E-04	1.05E-03	8.63E-07	4.31E-04	3.72E-10	1.0E+06	3.7E-04
225	0.71615	8.92E-04	6.4E-04	1.05E-03	6.68E-07	4.31E-04	2.87E-10	1.0E+06	2.9E-04
226	0.87857	8.92E-04	7.8E-04	1.05E-03	8.19E-07	4.31E-04	3.53E-10	1.0E+06	3.5E-04
227	0.19797	8.92E-04	1.8E-04	1.05E-03	1.85E-07	4.31E-04	7.95E-11	1.0E+06	7.9E-05
228	0.17232	8.92E-04	1.5E-04	1.05E-03	1.61E-07	4.31E-04	6.92E-11	1.0E+06	6.9E-05
229	0.15131	8.92E-04	1.3E-04	1.05E-03	1.41E-07	4.31E-04	6.07E-11	1.0E+06	6.1E-05
230	0.13393	8.92E-04	1.2E-04	1.05E-03	1.25E-07	4.31E-04	5.38E-11	1.0E+06	5.4E-05
231	0.17612	8.92E-04	1.6E-04	1.05E-03	1.64E-07	4.31E-04	7.07E-11	1.0E+06	7.1E-05
232	0.15496	8.92E-04	1.4E-04	1.05E-03	1.44E-07	4.31E-04	6.22E-11	1.0E+06	6.2E-05
233	0.13734	8.92E-04	1.2E-04	1.05E-03	1.28E-07	4.31E-04	5.51E-11	1.0E+06	5.5E-05
234	0.12255	8.92E-04	1.1E-04	1.05E-03	1.14E-07	4.31E-04	4.92E-11	1.0E+06	4.9E-05
235	0.15722	8.92E-04	1.4E-04	1.05E-03	1.47E-07	4.31E-04	6.31E-11	1.0E+06	6.3E-05
236	0.13974	8.92E-04	1.2E-04	1.05E-03	1.30E-07	4.31E-04	5.61E-11	1.0E+06	5.6E-05
237	0.12494	8.92E-04	1.1E-04	1.05E-03	1.16E-07	4.31E-04	5.02E-11	1.0E+06	5.0E-05
238	0.11233	8.92E-04	1.0E-04	1.05E-03	1.05E-07	4.31E-04	4.51E-11	1.0E+06	4.5E-05
239	2.27883	8.92E-04	2.0E-03	1.05E-03	2.12E-06	4.31E-04	9.15E-10	1.0E+06	9.1E-04
240	1.93128	8.92E-04	1.7E-03	1.05E-03	1.80E-06	4.31E-04	7.75E-10	1.0E+06	7.8E-04
241	1.63532	8.92E-04	1.5E-03	1.05E-03	1.52E-06	4.31E-04	6.56E-10	1.0E+06	6.6E-04
242	1.38764	8.92E-04	1.2E-03	1.05E-03	1.29E-06	4.31E-04	5.57E-10	1.0E+06	5.6E-04
243	1.76485	8.92E-04	1.6E-03	1.05E-03	1.65E-06	4.31E-04	7.08E-10	1.0E+06	7.1E-04
244	1.53475	8.92E-04	1.4E-03	1.05E-03	1.43E-06	4.31E-04	6.16E-10	1.0E+06	6.2E-04
245	1.33112	8.92E-04	1.2E-03	1.05E-03	1.24E-06	4.31E-04	5.34E-10	1.0E+06	5.3E-04
246	1.15407	8.92E-04	1.0E-03	1.05E-03	1.08E-06	4.31E-04	4.63E-10	1.0E+06	4.6E-04
247	1.40331	8.92E-04	1.3E-03	1.05E-03	1.31E-06	4.31E-04	5.63E-10	1.0E+06	5.6E-04
248	1.24447	8.92E-04	1.1E-03	1.05E-03	1.16E-06	4.31E-04	5.00E-10	1.0E+06	5.0E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
249	1.09995	8.92E-04	9.8E-04	1.05E-03	1.03E-06	4.31E-04	4.42E-10	1.0E+06	4.4E-04
250	0.97037	8.92E-04	8.7E-04	1.05E-03	9.05E-07	4.31E-04	3.90E-10	1.0E+06	3.9E-04
251	0.45259	8.92E-04	4.0E-04	1.05E-03	4.22E-07	4.31E-04	1.82E-10	1.0E+06	1.8E-04
252	0.41596	8.92E-04	3.7E-04	1.05E-03	3.88E-07	4.31E-04	1.67E-10	1.0E+06	1.7E-04
253	0.50493	8.92E-04	4.5E-04	1.05E-03	4.71E-07	4.31E-04	2.03E-10	1.0E+06	2.0E-04
254	0.46941	8.92E-04	4.2E-04	1.05E-03	4.38E-07	4.31E-04	1.88E-10	1.0E+06	1.9E-04
255	0.40366	8.92E-04	3.6E-04	1.05E-03	3.76E-07	4.31E-04	1.62E-10	1.0E+06	1.6E-04
256	0.3736	8.92E-04	3.3E-04	1.05E-03	3.48E-07	4.31E-04	1.50E-10	1.0E+06	1.5E-04
257	0.29617	8.92E-04	2.6E-04	1.05E-03	2.76E-07	4.31E-04	1.19E-10	1.0E+06	1.2E-04
258	0.44413	8.92E-04	4.0E-04	1.05E-03	4.14E-07	4.31E-04	1.78E-10	1.0E+06	1.8E-04
259	0.41541	8.92E-04	3.7E-04	1.05E-03	3.87E-07	4.31E-04	1.67E-10	1.0E+06	1.7E-04
260	0.3879	8.92E-04	3.5E-04	1.05E-03	3.62E-07	4.31E-04	1.56E-10	1.0E+06	1.6E-04
261	0.36174	8.92E-04	3.2E-04	1.05E-03	3.37E-07	4.31E-04	1.45E-10	1.0E+06	1.5E-04
262	0.33693	8.92E-04	3.0E-04	1.05E-03	3.14E-07	4.31E-04	1.35E-10	1.0E+06	1.4E-04
263	0.2716	8.92E-04	2.4E-04	1.05E-03	2.53E-07	4.31E-04	1.09E-10	1.0E+06	1.1E-04
264	0.36985	8.92E-04	3.3E-04	1.05E-03	3.45E-07	4.31E-04	1.48E-10	1.0E+06	1.5E-04
265	0.34731	8.92E-04	3.1E-04	1.05E-03	3.24E-07	4.31E-04	1.39E-10	1.0E+06	1.4E-04
266	0.32569	8.92E-04	2.9E-04	1.05E-03	3.04E-07	4.31E-04	1.31E-10	1.0E+06	1.3E-04
267	0.30503	8.92E-04	2.7E-04	1.05E-03	2.84E-07	4.31E-04	1.22E-10	1.0E+06	1.2E-04
268	0.24976	8.92E-04	2.2E-04	1.05E-03	2.33E-07	4.31E-04	1.00E-10	1.0E+06	1.0E-04
269	0.44171	8.92E-04	3.9E-04	1.05E-03	4.12E-07	4.31E-04	1.77E-10	1.0E+06	1.8E-04
270	0.36215	8.92E-04	3.2E-04	1.05E-03	3.38E-07	4.31E-04	1.45E-10	1.0E+06	1.5E-04
271	0.3015	8.92E-04	2.7E-04	1.05E-03	2.81E-07	4.31E-04	1.21E-10	1.0E+06	1.2E-04
272	0.2545	8.92E-04	2.3E-04	1.05E-03	2.37E-07	4.31E-04	1.02E-10	1.0E+06	1.0E-04
273	0.21751	8.92E-04	1.9E-04	1.05E-03	2.03E-07	4.31E-04	8.73E-11	1.0E+06	8.7E-05
274	0.18801	8.92E-04	1.7E-04	1.05E-03	1.75E-07	4.31E-04	7.55E-11	1.0E+06	7.5E-05
275	0.16416	8.92E-04	1.5E-04	1.05E-03	1.53E-07	4.31E-04	6.59E-11	1.0E+06	6.6E-05
276	0.39303	8.92E-04	3.5E-04	1.05E-03	3.66E-07	4.31E-04	1.58E-10	1.0E+06	1.6E-04
277	0.32302	8.92E-04	2.9E-04	1.05E-03	3.01E-07	4.31E-04	1.30E-10	1.0E+06	1.3E-04
278	0.26993	8.92E-04	2.4E-04	1.05E-03	2.52E-07	4.31E-04	1.08E-10	1.0E+06	1.1E-04
279	0.22884	8.92E-04	2.0E-04	1.05E-03	2.13E-07	4.31E-04	9.19E-11	1.0E+06	9.2E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
280	0.19651	8.92E-04	1.8E-04	1.05E-03	1.83E-07	4.31E-04	7.89E-11	1.0E+06	7.9E-05
281	0.17067	8.92E-04	1.5E-04	1.05E-03	1.59E-07	4.31E-04	6.85E-11	1.0E+06	6.9E-05
282	0.14972	8.92E-04	1.3E-04	1.05E-03	1.40E-07	4.31E-04	6.01E-11	1.0E+06	6.0E-05
283	0.34329	8.92E-04	3.1E-04	1.05E-03	3.20E-07	4.31E-04	1.38E-10	1.0E+06	1.4E-04
284	0.28443	8.92E-04	2.5E-04	1.05E-03	2.65E-07	4.31E-04	1.14E-10	1.0E+06	1.1E-04
285	0.23955	8.92E-04	2.1E-04	1.05E-03	2.23E-07	4.31E-04	9.62E-11	1.0E+06	9.6E-05
286	0.20458	8.92E-04	1.8E-04	1.05E-03	1.91E-07	4.31E-04	8.21E-11	1.0E+06	8.2E-05
287	0.17687	8.92E-04	1.6E-04	1.05E-03	1.65E-07	4.31E-04	7.10E-11	1.0E+06	7.1E-05
288	0.15458	8.92E-04	1.4E-04	1.05E-03	1.44E-07	4.31E-04	6.21E-11	1.0E+06	6.2E-05
289	0.13639	8.92E-04	1.2E-04	1.05E-03	1.27E-07	4.31E-04	5.47E-11	1.0E+06	5.5E-05
290	0.29815	8.92E-04	2.7E-04	1.05E-03	2.78E-07	4.31E-04	1.20E-10	1.0E+06	1.2E-04
291	0.24978	8.92E-04	2.2E-04	1.05E-03	2.33E-07	4.31E-04	1.00E-10	1.0E+06	1.0E-04
292	0.21241	8.92E-04	1.9E-04	1.05E-03	1.98E-07	4.31E-04	8.53E-11	1.0E+06	8.5E-05
293	0.18297	8.92E-04	1.6E-04	1.05E-03	1.71E-07	4.31E-04	7.34E-11	1.0E+06	7.3E-05
294	0.1594	8.92E-04	1.4E-04	1.05E-03	1.49E-07	4.31E-04	6.40E-11	1.0E+06	6.4E-05
295	0.14027	8.92E-04	1.3E-04	1.05E-03	1.31E-07	4.31E-04	5.63E-11	1.0E+06	5.6E-05
296	0.12452	8.92E-04	1.1E-04	1.05E-03	1.16E-07	4.31E-04	5.00E-11	1.0E+06	5.0E-05
297	0.26023	8.92E-04	2.3E-04	1.05E-03	2.43E-07	4.31E-04	1.04E-10	1.0E+06	1.0E-04
298	0.22049	8.92E-04	2.0E-04	1.05E-03	2.06E-07	4.31E-04	8.85E-11	1.0E+06	8.9E-05
299	0.18934	8.92E-04	1.7E-04	1.05E-03	1.77E-07	4.31E-04	7.60E-11	1.0E+06	7.6E-05
300	0.1645	8.92E-04	1.5E-04	1.05E-03	1.53E-07	4.31E-04	6.60E-11	1.0E+06	6.6E-05
301	0.14439	8.92E-04	1.3E-04	1.05E-03	1.35E-07	4.31E-04	5.80E-11	1.0E+06	5.8E-05
302	0.1279	8.92E-04	1.1E-04	1.05E-03	1.19E-07	4.31E-04	5.13E-11	1.0E+06	5.1E-05
303	0.1142	8.92E-04	1.0E-04	1.05E-03	1.06E-07	4.31E-04	4.58E-11	1.0E+06	4.6E-05
304	0.22927	8.92E-04	2.0E-04	1.05E-03	2.14E-07	4.31E-04	9.20E-11	1.0E+06	9.2E-05
305	0.19633	8.92E-04	1.8E-04	1.05E-03	1.83E-07	4.31E-04	7.88E-11	1.0E+06	7.9E-05
306	0.17013	8.92E-04	1.5E-04	1.05E-03	1.59E-07	4.31E-04	6.83E-11	1.0E+06	6.8E-05
307	0.14897	8.92E-04	1.3E-04	1.05E-03	1.39E-07	4.31E-04	5.98E-11	1.0E+06	6.0E-05
308	0.13166	8.92E-04	1.2E-04	1.05E-03	1.23E-07	4.31E-04	5.29E-11	1.0E+06	5.3E-05
309	0.11732	8.92E-04	1.0E-04	1.05E-03	1.09E-07	4.31E-04	4.71E-11	1.0E+06	4.7E-05
310	0.10533	8.92E-04	9.4E-05	1.05E-03	9.82E-08	4.31E-04	4.23E-11	1.0E+06	4.2E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
311	0.20404	8.92E-04	1.8E-04	1.05E-03	1.90E-07	4.31E-04	8.19E-11	1.0E+06	8.2E-05
312	0.17636	8.92E-04	1.6E-04	1.05E-03	1.64E-07	4.31E-04	7.08E-11	1.0E+06	7.1E-05
313	0.15408	8.92E-04	1.4E-04	1.05E-03	1.44E-07	4.31E-04	6.19E-11	1.0E+06	6.2E-05
314	0.13588	8.92E-04	1.2E-04	1.05E-03	1.27E-07	4.31E-04	5.45E-11	1.0E+06	5.5E-05
315	0.12084	8.92E-04	1.1E-04	1.05E-03	1.13E-07	4.31E-04	4.85E-11	1.0E+06	4.9E-05
316	0.10828	8.92E-04	9.7E-05	1.05E-03	1.01E-07	4.31E-04	4.35E-11	1.0E+06	4.3E-05
317	0.09768	8.92E-04	8.7E-05	1.05E-03	9.11E-08	4.31E-04	3.92E-11	1.0E+06	3.9E-05



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 4 - Architectural Coating Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	9.01E-06
2	5	9.41E-06
3	5	9.54E-06
4	5	1.31E-05
5	5	1.38E-05
6	5	1.44E-05
7	5	1.50E-05
8	5	1.56E-05
9	5	1.61E-05
10	5	1.67E-05
11	5	1.72E-05
12	5	1.77E-05
13	5	1.84E-05
14	5	1.91E-05
15	5	2.00E-05
16	5	2.11E-05
17	5	2.25E-05
18	5	2.40E-05
19	5	2.57E-05
20	5	2.74E-05
21	5	2.92E-05
22	5	3.08E-05
23	5	3.22E-05
24	5	3.32E-05
25	5	3.39E-05
26	5	9.67E-06
27	5	1.01E-05
28	5	1.03E-05
29	5	1.45E-05
30	5	1.53E-05
31	5	1.60E-05

Max	Receptor #
0.00041	239

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
32	5	1.68E-05
33	5	1.75E-05
34	5	1.82E-05
35	5	1.89E-05
36	5	1.96E-05
37	5	2.03E-05
38	5	2.12E-05
39	5	2.21E-05
40	5	2.32E-05
41	5	2.47E-05
42	5	2.64E-05
43	5	2.84E-05
44	5	3.06E-05
45	5	3.28E-05
46	5	3.48E-05
47	5	3.66E-05
48	5	3.80E-05
49	5	3.88E-05
50	5	3.91E-05
51	5	1.04E-05
52	5	1.09E-05
53	5	1.11E-05
54	5	1.60E-05
55	5	1.70E-05
56	5	1.80E-05
57	5	1.90E-05
58	5	1.99E-05
59	5	2.08E-05
60	5	2.17E-05
61	5	2.26E-05
62	5	2.35E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	2.46E-05
64	5	2.58E-05
65	5	2.73E-05
66	5	2.93E-05
67	5	3.17E-05
68	5	3.43E-05
69	5	3.70E-05
70	5	3.97E-05
71	5	4.20E-05
72	5	4.38E-05
73	5	4.49E-05
74	5	4.53E-05
75	5	4.50E-05
76	5	1.12E-05
77	5	1.18E-05
78	5	1.21E-05
79	5	1.79E-05
80	5	1.91E-05
81	5	2.04E-05
82	5	2.16E-05
83	5	2.29E-05
84	5	2.41E-05
85	5	2.52E-05
86	5	2.64E-05
87	5	2.77E-05
88	5	2.90E-05
89	5	3.06E-05
90	5	3.28E-05
91	5	3.55E-05
92	5	3.87E-05
93	5	4.21E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	4.56E-05
95	5	4.87E-05
96	5	5.11E-05
97	5	5.27E-05
98	5	5.32E-05
99	5	5.28E-05
100	5	5.14E-05
101	5	1.21E-05
102	5	1.28E-05
103	5	1.32E-05
104	5	2.00E-05
105	5	2.16E-05
106	5	2.32E-05
107	5	2.49E-05
108	5	2.65E-05
109	5	2.81E-05
110	5	2.97E-05
111	5	3.14E-05
112	5	3.30E-05
113	5	3.48E-05
114	5	3.71E-05
115	5	4.01E-05
116	5	4.39E-05
117	5	4.83E-05
118	5	5.29E-05
119	5	5.71E-05
120	5	6.05E-05
121	5	6.27E-05
122	5	6.34E-05
123	5	6.28E-05
124	5	6.09E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.31E-05
126	5	1.39E-05
127	5	1.45E-05
128	5	2.46E-05
129	5	2.67E-05
130	5	2.89E-05
131	5	3.12E-05
132	5	3.34E-05
133	5	3.57E-05
134	5	3.79E-05
135	5	4.01E-05
136	5	4.26E-05
137	5	4.59E-05
138	5	5.03E-05
139	5	5.58E-05
140	5	6.19E-05
141	5	6.78E-05
142	5	7.28E-05
143	5	7.59E-05
144	5	7.70E-05
145	5	7.60E-05
146	5	7.32E-05
147	5	1.41E-05
148	5	1.52E-05
149	5	1.59E-05
150	5	2.82E-05
151	5	3.10E-05
152	5	3.40E-05
153	5	3.72E-05
154	5	4.03E-05
155	5	4.37E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
156	5	4.67E-05
157	5	4.98E-05
158	5	5.35E-05
159	5	5.85E-05
160	5	6.52E-05
161	5	7.31E-05
162	5	8.16E-05
163	5	8.89E-05
164	5	9.38E-05
165	5	9.54E-05
166	5	9.39E-05
167	5	8.98E-05
168	5	8.39E-05
169	5	1.53E-05
170	5	1.64E-05
171	5	1.75E-05
172	5	1.85E-05
173	5	3.28E-05
174	5	3.65E-05
175	5	4.06E-05
176	5	4.51E-05
177	5	4.98E-05
178	5	5.47E-05
179	5	5.91E-05
180	5	6.37E-05
181	5	6.93E-05
182	5	7.72E-05
183	5	1.19E-04
184	5	1.13E-04
185	5	1.78E-05
186	5	1.92E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	2.04E-05
188	5	3.85E-05
189	5	4.34E-05
190	5	4.92E-05
191	5	5.58E-05
192	5	6.32E-05
193	5	7.04E-05
194	5	7.73E-05
195	5	8.45E-05
196	5	9.35E-05
197	5	1.07E-04
198	5	2.08E-05
199	5	2.26E-05
200	5	2.27E-05
201	5	2.50E-05
202	5	2.72E-05
203	5	2.73E-05
204	5	3.05E-05
205	5	3.40E-05
206	5	3.36E-05
207	5	3.82E-05
208	5	4.37E-05
209	5	3.68E-05
210	5	4.27E-05
211	5	4.93E-05
212	5	4.73E-05
213	5	5.61E-05
214	5	6.65E-05
215	5	5.25E-05
216	5	6.31E-05
217	5	7.58E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
218	5	8.65E-05
219	5	1.09E-04
220	5	9.69E-05
221	5	1.22E-04
222	5	1.04E-04
223	5	1.29E-04
224	5	1.65E-04
225	5	1.28E-04
226	5	1.57E-04
227	5	3.53E-05
228	5	3.07E-05
229	5	2.70E-05
230	5	2.39E-05
231	5	3.14E-05
232	5	2.76E-05
233	5	2.45E-05
234	5	2.19E-05
235	5	2.81E-05
236	5	2.49E-05
237	5	2.23E-05
238	5	2.00E-05
239	5	4.07E-04
240	5	3.45E-04
241	5	2.92E-04
242	5	2.48E-04
243	5	3.15E-04
244	5	2.74E-04
245	5	2.37E-04
246	5	2.06E-04
247	5	2.50E-04
248	5	2.22E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	1.96E-04
250	5	1.73E-04
251	5	8.07E-05
252	5	7.42E-05
253	5	9.01E-05
254	5	8.37E-05
255	5	7.20E-05
256	5	6.67E-05
257	5	5.28E-05
258	5	7.92E-05
259	5	7.41E-05
260	5	6.92E-05
261	5	6.45E-05
262	5	6.01E-05
263	5	4.85E-05
264	5	6.60E-05
265	5	6.20E-05
266	5	5.81E-05
267	5	5.44E-05
268	5	4.46E-05
269	5	7.88E-05
270	5	6.46E-05
271	5	5.38E-05
272	5	4.54E-05
273	5	3.88E-05
274	5	3.35E-05
275	5	2.93E-05
276	5	7.01E-05
277	5	5.76E-05
278	5	4.82E-05
279	5	4.08E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
280	5	3.51E-05
281	5	3.04E-05
282	5	2.67E-05
283	5	6.12E-05
284	5	5.07E-05
285	5	4.27E-05
286	5	3.65E-05
287	5	3.16E-05
288	5	2.76E-05
289	5	2.43E-05
290	5	5.32E-05
291	5	4.46E-05
292	5	3.79E-05
293	5	3.26E-05
294	5	2.84E-05
295	5	2.50E-05
296	5	2.22E-05
297	5	4.64E-05
298	5	3.93E-05
299	5	3.38E-05
300	5	2.93E-05
301	5	2.58E-05
302	5	2.28E-05
303	5	2.04E-05
304	5	4.09E-05
305	5	3.50E-05
306	5	3.04E-05
307	5	2.66E-05
308	5	2.35E-05
309	5	2.09E-05
310	5	1.88E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 4 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	3.64E-05
312	5	3.15E-05
313	5	2.75E-05
314	5	2.42E-05
315	5	2.16E-05
316	5	1.93E-05
317	5	1.74E-05

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**6: Unmitigated Parcel 5 Risk**



## **Unmitigated Construction Health Risk for Parcel 5**

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Parcel 5-A: Unmitigated Construction Health Risk for Parcel 5 - Assumptions

Parcel 5-B: Unmitigated - Parcel 5 - Emissions

Parcel 5-C: Unmitigated - Parcel 5 - Risk Summary

Parcel 5-D: Unmitigated - Parcel 5 - Site Preparation Risk

Parcel 5-E: Unmitigated - Parcel 5 - Grading Risk

Parcel 5-F: Unmitigated - Parcel 5 - Building Construction Risk

Parcel 5-G: Unmitigated - Parcel 5 - Paving Risk

Parcel 5-H: Unmitigated - Parcel 5 - Architectural Coating Risk



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Parcel 5-A: Unmitigated Construction Health Risk for Parcel 5 - Assumptions



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## Manning Ave. Annexation 2020-01 Project

### Unmitigated Construction Health Risk for Parcel 5 - Assumptions

Date: 4/28/2022

	3rd	0-2	2-16	>16	Units
DBR	361	1090	631	261	L/kg
A	1				no units
EF	0.95890411				years
Constant 1	0.000001				no units
CPF	1.1				mg/kg-day-1
ASF	10	10	3	1	no units
Site Preparation	0.00	0.003	0.00	0.00	years
Grading	0.00	0.005	0.00	0.00	years
Building Construction	0.00	0.274	0.00	0.00	years
Paving	0.00	0.014	0.00	0.00	years
Architectural Coating	0.00	0.014	0.00	0.00	years
AT	70				years
FAH	1	1	1	0.73	day
Constant 2	1,000,000				no units
Dose Constant	3.46E-04	1.05E-03	6.05E-04	2.50E-04	
Risk Constant	0.00E+00	4.31E-04	0.00E+00	0.00E+00	

*Source: OEHHA 2015*

Dose =

(Cair X DBR X A X EF X Constant 1)

Cair = concentration in air ( $\mu\text{g}/\text{m}^3$ )

DBR = daily breathing rate normalized to body weight (l/kg bod weight -day)

A = Inhalation adsorption factor (unitless)

EF = Exposure frequency (unitless), days/365 days

Constant 1 = micrograms to milligrams conversion, liters to cubic meters conversion

Cancer Risk =

Dose X CPF x ASF x (ED/AT) X FAH

Dose = Daily inhalation dose (mg/kg-day)

CPF = Inhalation cancer potency factor ( $\text{mg}/\text{kg}\text{-day}^{-1}$ )

ASF = Age sensitivity factor for a specified age group (unitless)

ED = Exposure duration (in years) for a specified age group

AT = Averaging time for lifetime cancer risk (years)

FAH = Fraction of time spent at home (unitless)

Risk per Million =

Cancer Risk X Constant 2

FAH

If school is within the 1 per million cancer bracket:

3rd to 2 years 1

2 to 16 1

16-30 0.73

If school is not within the 1 per million cancer bracket:

3rd to 2 years 0.85

2 to 16 0.72

16-30 0.73

*Source: OEHHA 2015*

**Onsite Concentrations**

	<b>Source ID</b>	<b>PM10 (lbs/day)</b>	<b>PM10 (gr/day)</b>	<b>PM10 (gr/sec)</b>	<b>Days</b>	<b>Years</b>
Site Preparation	P5A	0.23	102.78403	0.0028551	1	0.003
Grading	P5A	0.42	190.55415	0.0052932	2	0.005
Building Construction	P5B	0.32	145.28564	0.0040357	100	0.274
Paving	P5A	0.26	119.88446	0.0033301	5	0.014
Architectural Coating	P5B	0.07	32.11434	0.0008921	5	0.014



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Construction Health Risk for Parcel 5 - Assumptions**

**Sources**

P5A	Parcel 5	Site Preparation, grading, and paving
P5B	Parcel 5	Building Construction and Architectural Coating

Meteorological Data Fresno Airport 2013 - 2017. Supplied by SJVAPCD  
Elevation 101 M.

**Assumptions and Constants:**

- 365 days per year construction
- 453.59237 conversion from lbs to grams
- 10 hours per day construction
- 60 minutes per hour
- 60 seconds per minute
- 1 year construction per parcel
- 0-2 year age bin as conservative risk.

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Parcel 5-B: Unmitigated - Parcel 5 - Emissions



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**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Emissions**

	<b>PM10 Exhaust</b>	<b>days/phase</b>
Site Preparation	0.2266	1
Grading	0.4201	2
Building Construction	0.3203	100
Paving	0.2643	5
Architectural Coating	0.0708	5

Source: CalEEMod Title: Annexation 2020-01 Kings River Development Fast Food with Drive thru Parcel #5  
CalEEMod Date: 4/28/2022

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Parcel 5-C: Unmitigated - Parcel 5 - Risk Summary



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**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
1	3.694E-04	6.43E-05	1.2E-04	9.07E-05	7.50E-05	2.00E-05
2	3.859E-04	6.72E-05	1.2E-04	9.47E-05	7.84E-05	2.09E-05
3	3.910E-04	6.81E-05	1.3E-04	9.59E-05	7.95E-05	2.12E-05
4	5.393E-04	9.39E-05	1.7E-04	1.32E-04	1.10E-04	2.93E-05
5	5.677E-04	9.89E-05	1.8E-04	1.39E-04	1.15E-04	3.08E-05
6	5.959E-04	1.04E-04	1.9E-04	1.46E-04	1.21E-04	3.24E-05
7	6.235E-04	1.09E-04	2.0E-04	1.53E-04	1.27E-04	3.39E-05
8	6.500E-04	1.13E-04	2.1E-04	1.60E-04	1.32E-04	3.54E-05
9	6.753E-04	1.17E-04	2.2E-04	1.66E-04	1.37E-04	3.68E-05
10	6.994E-04	1.22E-04	2.3E-04	1.72E-04	1.42E-04	3.81E-05
11	7.228E-04	1.26E-04	2.3E-04	1.78E-04	1.47E-04	3.94E-05
12	7.469E-04	1.30E-04	2.4E-04	1.84E-04	1.51E-04	4.07E-05
13	7.743E-04	1.35E-04	2.5E-04	1.91E-04	1.57E-04	4.22E-05
14	8.038E-04	1.40E-04	2.6E-04	1.98E-04	1.63E-04	4.37E-05
15	8.382E-04	1.46E-04	2.7E-04	2.06E-04	1.70E-04	4.55E-05
16	8.815E-04	1.54E-04	2.8E-04	2.16E-04	1.79E-04	4.78E-05
17	9.346E-04	1.63E-04	3.0E-04	2.29E-04	1.90E-04	5.07E-05
18	9.966E-04	1.74E-04	3.2E-04	2.44E-04	2.03E-04	5.40E-05
19	1.067E-03	1.86E-04	3.4E-04	2.62E-04	2.17E-04	5.78E-05
20	1.144E-03	1.99E-04	3.7E-04	2.81E-04	2.32E-04	6.20E-05
21	1.221E-03	2.13E-04	3.9E-04	3.00E-04	2.48E-04	6.63E-05
22	1.295E-03	2.25E-04	4.2E-04	3.19E-04	2.63E-04	7.04E-05
23	1.360E-03	2.36E-04	4.4E-04	3.35E-04	2.76E-04	7.41E-05
24	1.412E-03	2.45E-04	4.5E-04	3.49E-04	2.86E-04	7.71E-05
25	1.448E-03	2.51E-04	4.7E-04	3.58E-04	2.93E-04	7.92E-05
26	3.963E-04	6.90E-05	1.3E-04	9.72E-05	8.05E-05	2.15E-05
27	4.150E-04	7.23E-05	1.3E-04	1.02E-04	8.43E-05	2.25E-05
28	4.212E-04	7.34E-05	1.4E-04	1.03E-04	8.56E-05	2.28E-05
29	5.933E-04	1.03E-04	1.9E-04	1.46E-04	1.21E-04	3.22E-05
30	6.281E-04	1.09E-04	2.0E-04	1.54E-04	1.28E-04	3.41E-05

Max	Receptor #
0.018	239

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
31	6.633E-04	1.16E-04	2.1E-04	1.63E-04	1.35E-04	3.60E-05
32	6.981E-04	1.22E-04	2.3E-04	1.72E-04	1.42E-04	3.79E-05
33	7.318E-04	1.27E-04	2.4E-04	1.80E-04	1.49E-04	3.98E-05
34	7.639E-04	1.33E-04	2.5E-04	1.88E-04	1.55E-04	4.16E-05
35	7.946E-04	1.38E-04	2.6E-04	1.96E-04	1.61E-04	4.33E-05
36	8.242E-04	1.43E-04	2.7E-04	2.03E-04	1.67E-04	4.49E-05
37	8.565E-04	1.49E-04	2.8E-04	2.11E-04	1.74E-04	4.66E-05
38	8.912E-04	1.55E-04	2.9E-04	2.19E-04	1.81E-04	4.85E-05
39	9.278E-04	1.61E-04	3.0E-04	2.28E-04	1.88E-04	5.05E-05
40	9.727E-04	1.69E-04	3.1E-04	2.39E-04	1.98E-04	5.28E-05
41	1.030E-03	1.80E-04	3.3E-04	2.53E-04	2.09E-04	5.59E-05
42	1.100E-03	1.92E-04	3.6E-04	2.70E-04	2.24E-04	5.96E-05
43	1.182E-03	2.06E-04	3.8E-04	2.90E-04	2.40E-04	6.40E-05
44	1.274E-03	2.22E-04	4.1E-04	3.12E-04	2.59E-04	6.90E-05
45	1.370E-03	2.39E-04	4.4E-04	3.36E-04	2.78E-04	7.43E-05
46	1.464E-03	2.55E-04	4.7E-04	3.60E-04	2.97E-04	7.96E-05
47	1.548E-03	2.69E-04	5.0E-04	3.81E-04	3.14E-04	8.43E-05
48	1.615E-03	2.81E-04	5.2E-04	3.99E-04	3.27E-04	8.82E-05
49	1.662E-03	2.88E-04	5.3E-04	4.11E-04	3.36E-04	9.09E-05
50	1.684E-03	2.92E-04	5.4E-04	4.18E-04	3.41E-04	9.24E-05
51	4.258E-04	7.42E-05	1.4E-04	1.04E-04	8.65E-05	2.31E-05
52	4.475E-04	7.80E-05	1.4E-04	1.10E-04	9.09E-05	2.43E-05
53	4.556E-04	7.94E-05	1.5E-04	1.12E-04	9.26E-05	2.47E-05
54	6.560E-04	1.14E-04	2.1E-04	1.61E-04	1.33E-04	3.55E-05
55	6.987E-04	1.22E-04	2.3E-04	1.71E-04	1.42E-04	3.79E-05
56	7.428E-04	1.29E-04	2.4E-04	1.82E-04	1.51E-04	4.03E-05
57	7.871E-04	1.37E-04	2.5E-04	1.93E-04	1.60E-04	4.28E-05
58	8.304E-04	1.45E-04	2.7E-04	2.04E-04	1.69E-04	4.51E-05
59	8.723E-04	1.52E-04	2.8E-04	2.15E-04	1.77E-04	4.75E-05
60	9.124E-04	1.59E-04	2.9E-04	2.25E-04	1.85E-04	4.97E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
61	9.509E-04	1.65E-04	3.1E-04	2.34E-04	1.93E-04	5.18E-05
62	9.937E-04	1.73E-04	3.2E-04	2.45E-04	2.02E-04	5.41E-05
63	1.037E-03	1.80E-04	3.3E-04	2.55E-04	2.10E-04	5.64E-05
64	1.085E-03	1.89E-04	3.5E-04	2.67E-04	2.20E-04	5.90E-05
65	1.145E-03	1.99E-04	3.7E-04	2.81E-04	2.33E-04	6.21E-05
66	1.223E-03	2.13E-04	4.0E-04	3.00E-04	2.49E-04	6.63E-05
67	1.317E-03	2.30E-04	4.3E-04	3.22E-04	2.68E-04	7.13E-05
68	1.428E-03	2.49E-04	4.6E-04	3.49E-04	2.90E-04	7.72E-05
69	1.548E-03	2.70E-04	5.0E-04	3.79E-04	3.15E-04	8.38E-05
70	1.668E-03	2.90E-04	5.4E-04	4.10E-04	3.39E-04	9.05E-05
71	1.778E-03	3.09E-04	5.7E-04	4.38E-04	3.61E-04	9.67E-05
72	1.867E-03	3.24E-04	6.0E-04	4.61E-04	3.78E-04	1.02E-04
73	1.929E-03	3.35E-04	6.2E-04	4.78E-04	3.90E-04	1.06E-04
74	1.958E-03	3.40E-04	6.3E-04	4.86E-04	3.96E-04	1.07E-04
75	1.955E-03	3.39E-04	6.3E-04	4.86E-04	3.95E-04	1.07E-04
76	4.581E-04	7.98E-05	1.5E-04	1.12E-04	9.31E-05	2.48E-05
77	4.834E-04	8.42E-05	1.6E-04	1.19E-04	9.83E-05	2.62E-05
78	4.948E-04	8.62E-05	1.6E-04	1.21E-04	1.01E-04	2.68E-05
79	7.293E-04	1.27E-04	2.4E-04	1.79E-04	1.48E-04	3.95E-05
80	7.819E-04	1.36E-04	2.5E-04	1.92E-04	1.59E-04	4.24E-05
81	8.374E-04	1.46E-04	2.7E-04	2.05E-04	1.70E-04	4.54E-05
82	8.943E-04	1.56E-04	2.9E-04	2.20E-04	1.82E-04	4.85E-05
83	9.512E-04	1.66E-04	3.1E-04	2.34E-04	1.93E-04	5.17E-05
84	1.007E-03	1.75E-04	3.2E-04	2.48E-04	2.04E-04	5.47E-05
85	1.060E-03	1.84E-04	3.4E-04	2.61E-04	2.15E-04	5.77E-05
86	1.116E-03	1.94E-04	3.6E-04	2.75E-04	2.26E-04	6.08E-05
87	1.170E-03	2.04E-04	3.8E-04	2.88E-04	2.37E-04	6.37E-05
88	1.225E-03	2.13E-04	4.0E-04	3.01E-04	2.49E-04	6.66E-05
89	1.289E-03	2.24E-04	4.2E-04	3.17E-04	2.62E-04	7.00E-05
90	1.372E-03	2.39E-04	4.4E-04	3.36E-04	2.79E-04	7.44E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
91	1.480E-03	2.58E-04	4.8E-04	3.62E-04	3.01E-04	8.00E-05
92	1.610E-03	2.81E-04	5.2E-04	3.94E-04	3.28E-04	8.70E-05
93	1.760E-03	3.07E-04	5.7E-04	4.31E-04	3.58E-04	9.52E-05
94	1.916E-03	3.34E-04	6.2E-04	4.70E-04	3.89E-04	1.04E-04
95	2.062E-03	3.59E-04	6.7E-04	5.07E-04	4.19E-04	1.12E-04
96	2.184E-03	3.80E-04	7.0E-04	5.39E-04	4.43E-04	1.19E-04
97	2.268E-03	3.94E-04	7.3E-04	5.62E-04	4.59E-04	1.24E-04
98	2.308E-03	4.00E-04	7.4E-04	5.73E-04	4.67E-04	1.27E-04
99	2.303E-03	3.99E-04	7.4E-04	5.73E-04	4.65E-04	1.27E-04
100	2.255E-03	3.90E-04	7.2E-04	5.63E-04	4.55E-04	1.24E-04
101	4.932E-04	8.60E-05	1.6E-04	1.21E-04	1.00E-04	2.67E-05
102	5.229E-04	9.11E-05	1.7E-04	1.28E-04	1.06E-04	2.83E-05
103	5.387E-04	9.39E-05	1.7E-04	1.32E-04	1.10E-04	2.92E-05
104	8.160E-04	1.42E-04	2.6E-04	2.00E-04	1.66E-04	4.42E-05
105	8.810E-04	1.54E-04	2.8E-04	2.16E-04	1.79E-04	4.77E-05
106	9.514E-04	1.66E-04	3.1E-04	2.33E-04	1.93E-04	5.15E-05
107	1.026E-03	1.79E-04	3.3E-04	2.52E-04	2.08E-04	5.56E-05
108	1.101E-03	1.92E-04	3.6E-04	2.70E-04	2.24E-04	5.98E-05
109	1.176E-03	2.05E-04	3.8E-04	2.89E-04	2.39E-04	6.39E-05
110	1.250E-03	2.18E-04	4.0E-04	3.08E-04	2.54E-04	6.80E-05
111	1.328E-03	2.31E-04	4.3E-04	3.27E-04	2.70E-04	7.23E-05
112	1.397E-03	2.43E-04	4.5E-04	3.44E-04	2.84E-04	7.60E-05
113	1.471E-03	2.56E-04	4.7E-04	3.62E-04	2.99E-04	8.00E-05
114	1.561E-03	2.72E-04	5.0E-04	3.83E-04	3.17E-04	8.47E-05
115	1.679E-03	2.93E-04	5.4E-04	4.11E-04	3.42E-04	9.08E-05
116	1.831E-03	3.20E-04	5.9E-04	4.47E-04	3.73E-04	9.88E-05
117	2.016E-03	3.52E-04	6.5E-04	4.92E-04	4.10E-04	1.09E-04
118	2.220E-03	3.87E-04	7.2E-04	5.43E-04	4.52E-04	1.20E-04
119	2.419E-03	4.21E-04	7.8E-04	5.94E-04	4.91E-04	1.31E-04
120	2.589E-03	4.50E-04	8.3E-04	6.38E-04	5.25E-04	1.41E-04



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
121	2.708E-03	4.70E-04	8.7E-04	6.70E-04	5.48E-04	1.48E-04
122	2.764E-03	4.79E-04	8.9E-04	6.87E-04	5.58E-04	1.52E-04
123	2.755E-03	4.77E-04	8.8E-04	6.87E-04	5.56E-04	1.52E-04
124	2.687E-03	4.64E-04	8.6E-04	6.71E-04	5.42E-04	1.48E-04
125	5.307E-04	9.25E-05	1.7E-04	1.30E-04	1.08E-04	2.87E-05
126	5.656E-04	9.86E-05	1.8E-04	1.38E-04	1.15E-04	3.06E-05
127	5.871E-04	1.02E-04	1.9E-04	1.44E-04	1.19E-04	3.18E-05
128	1.001E-03	1.75E-04	3.2E-04	2.45E-04	2.04E-04	5.41E-05
129	1.090E-03	1.90E-04	3.5E-04	2.67E-04	2.22E-04	5.90E-05
130	1.188E-03	2.07E-04	3.8E-04	2.91E-04	2.42E-04	6.43E-05
131	1.290E-03	2.25E-04	4.2E-04	3.16E-04	2.62E-04	6.99E-05
132	1.393E-03	2.43E-04	4.5E-04	3.42E-04	2.83E-04	7.56E-05
133	1.501E-03	2.61E-04	4.8E-04	3.69E-04	3.05E-04	8.16E-05
134	1.605E-03	2.79E-04	5.2E-04	3.95E-04	3.26E-04	8.73E-05
135	1.701E-03	2.96E-04	5.5E-04	4.18E-04	3.45E-04	9.25E-05
136	1.805E-03	3.14E-04	5.8E-04	4.43E-04	3.67E-04	9.80E-05
137	1.934E-03	3.37E-04	6.3E-04	4.74E-04	3.93E-04	1.05E-04
138	2.108E-03	3.68E-04	6.8E-04	5.15E-04	4.29E-04	1.14E-04
139	2.329E-03	4.07E-04	7.5E-04	5.67E-04	4.75E-04	1.25E-04
140	2.594E-03	4.53E-04	8.4E-04	6.33E-04	5.28E-04	1.40E-04
141	2.871E-03	5.01E-04	9.3E-04	7.03E-04	5.84E-04	1.55E-04
142	3.115E-03	5.42E-04	1.0E-03	7.67E-04	6.32E-04	1.70E-04
143	3.290E-03	5.71E-04	1.1E-03	8.15E-04	6.66E-04	1.80E-04
144	3.373E-03	5.84E-04	1.1E-03	8.39E-04	6.81E-04	1.85E-04
145	3.358E-03	5.81E-04	1.1E-03	8.39E-04	6.77E-04	1.85E-04
146	3.258E-03	5.63E-04	1.0E-03	8.16E-04	6.56E-04	1.80E-04
147	5.708E-04	9.96E-05	1.8E-04	1.40E-04	1.16E-04	3.09E-05
148	6.118E-04	1.07E-04	2.0E-04	1.50E-04	1.24E-04	3.31E-05
149	6.416E-04	1.12E-04	2.1E-04	1.57E-04	1.31E-04	3.47E-05
150	1.146E-03	2.00E-04	3.7E-04	2.80E-04	2.33E-04	6.19E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
151	1.262E-03	2.20E-04	4.1E-04	3.08E-04	2.57E-04	6.82E-05
152	1.391E-03	2.43E-04	4.5E-04	3.40E-04	2.83E-04	7.52E-05
153	1.532E-03	2.67E-04	5.0E-04	3.75E-04	3.12E-04	8.29E-05
154	1.678E-03	2.92E-04	5.4E-04	4.11E-04	3.41E-04	9.09E-05
155	1.839E-03	3.20E-04	5.9E-04	4.51E-04	3.73E-04	9.98E-05
156	1.980E-03	3.45E-04	6.4E-04	4.87E-04	4.02E-04	1.08E-04
157	2.119E-03	3.69E-04	6.8E-04	5.21E-04	4.30E-04	1.15E-04
158	2.272E-03	3.96E-04	7.3E-04	5.57E-04	4.62E-04	1.23E-04
159	2.466E-03	4.31E-04	8.0E-04	6.02E-04	5.02E-04	1.33E-04
160	2.729E-03	4.77E-04	8.8E-04	6.64E-04	5.57E-04	1.47E-04
161	3.065E-03	5.36E-04	9.9E-04	7.45E-04	6.25E-04	1.65E-04
162	3.450E-03	6.03E-04	1.1E-03	8.42E-04	7.03E-04	1.86E-04
163	3.811E-03	6.64E-04	1.2E-03	9.36E-04	7.74E-04	2.07E-04
164	4.080E-03	7.08E-04	1.3E-03	1.01E-03	8.26E-04	2.23E-04
165	4.209E-03	7.29E-04	1.4E-03	1.05E-03	8.50E-04	2.32E-04
166	4.187E-03	7.23E-04	1.3E-03	1.05E-03	8.44E-04	2.32E-04
167	4.034E-03	6.96E-04	1.3E-03	1.01E-03	8.12E-04	2.24E-04
168	3.787E-03	6.53E-04	1.2E-03	9.52E-04	7.61E-04	2.11E-04
169	6.131E-04	1.07E-04	2.0E-04	1.50E-04	1.25E-04	3.31E-05
170	6.610E-04	1.15E-04	2.1E-04	1.62E-04	1.35E-04	3.57E-05
171	7.023E-04	1.23E-04	2.3E-04	1.72E-04	1.43E-04	3.79E-05
172	7.436E-04	1.30E-04	2.4E-04	1.82E-04	1.51E-04	4.02E-05
173	1.325E-03	2.31E-04	4.3E-04	3.23E-04	2.70E-04	7.15E-05
174	1.477E-03	2.58E-04	4.8E-04	3.60E-04	3.01E-04	7.96E-05
175	1.652E-03	2.88E-04	5.3E-04	4.03E-04	3.36E-04	8.91E-05
176	1.847E-03	3.22E-04	6.0E-04	4.51E-04	3.76E-04	9.98E-05
177	2.064E-03	3.60E-04	6.7E-04	5.05E-04	4.20E-04	1.12E-04
178	2.296E-03	4.00E-04	7.4E-04	5.63E-04	4.67E-04	1.24E-04
179	2.510E-03	4.37E-04	8.1E-04	6.16E-04	5.10E-04	1.36E-04
180	2.721E-03	4.74E-04	8.8E-04	6.68E-04	5.53E-04	1.48E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
181	2.952E-03	5.15E-04	9.5E-04	7.22E-04	6.01E-04	1.60E-04
182	3.258E-03	5.70E-04	1.1E-03	7.93E-04	6.64E-04	1.75E-04
183	5.369E-03	9.26E-04	1.7E-03	1.35E-03	1.08E-03	2.98E-04
184	5.128E-03	8.83E-04	1.6E-03	1.29E-03	1.03E-03	2.86E-04
185	7.128E-04	1.24E-04	2.3E-04	1.74E-04	1.45E-04	3.85E-05
186	7.668E-04	1.34E-04	2.5E-04	1.87E-04	1.56E-04	4.14E-05
187	8.164E-04	1.43E-04	2.6E-04	1.99E-04	1.66E-04	4.41E-05
188	1.544E-03	2.70E-04	5.0E-04	3.76E-04	3.15E-04	8.32E-05
189	1.747E-03	3.05E-04	5.7E-04	4.26E-04	3.56E-04	9.41E-05
190	1.988E-03	3.47E-04	6.4E-04	4.84E-04	4.05E-04	1.07E-04
191	2.269E-03	3.96E-04	7.4E-04	5.53E-04	4.62E-04	1.22E-04
192	2.604E-03	4.55E-04	8.4E-04	6.35E-04	5.31E-04	1.40E-04
193	2.948E-03	5.14E-04	9.5E-04	7.21E-04	6.00E-04	1.59E-04
194	3.287E-03	5.73E-04	1.1E-03	8.05E-04	6.69E-04	1.78E-04
195	3.623E-03	6.32E-04	1.2E-03	8.87E-04	7.37E-04	1.96E-04
196	3.995E-03	6.98E-04	1.3E-03	9.74E-04	8.14E-04	2.15E-04
197	4.512E-03	7.91E-04	1.5E-03	1.09E-03	9.23E-04	2.41E-04
198	8.280E-04	1.45E-04	2.7E-04	2.02E-04	1.69E-04	4.46E-05
199	8.993E-04	1.57E-04	2.9E-04	2.19E-04	1.83E-04	4.85E-05
200	8.943E-04	1.56E-04	2.9E-04	2.18E-04	1.82E-04	4.81E-05
201	9.849E-04	1.72E-04	3.2E-04	2.40E-04	2.01E-04	5.30E-05
202	1.073E-03	1.88E-04	3.5E-04	2.61E-04	2.19E-04	5.77E-05
203	1.068E-03	1.87E-04	3.5E-04	2.59E-04	2.18E-04	5.73E-05
204	1.193E-03	2.09E-04	3.9E-04	2.90E-04	2.43E-04	6.40E-05
205	1.327E-03	2.32E-04	4.3E-04	3.22E-04	2.71E-04	7.12E-05
206	1.305E-03	2.29E-04	4.2E-04	3.16E-04	2.67E-04	6.99E-05
207	1.475E-03	2.58E-04	4.8E-04	3.57E-04	3.01E-04	7.89E-05
208	1.683E-03	2.95E-04	5.5E-04	4.07E-04	3.44E-04	8.99E-05
209	1.421E-03	2.49E-04	4.6E-04	3.44E-04	2.91E-04	7.60E-05
210	1.638E-03	2.87E-04	5.3E-04	3.96E-04	3.35E-04	8.74E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
211	1.883E-03	3.30E-04	6.1E-04	4.54E-04	3.85E-04	1.00E-04
212	1.805E-03	3.17E-04	5.9E-04	4.35E-04	3.70E-04	9.62E-05
213	2.127E-03	3.74E-04	6.9E-04	5.12E-04	4.36E-04	1.13E-04
214	2.499E-03	4.39E-04	8.1E-04	6.00E-04	5.12E-04	1.33E-04
215	1.995E-03	3.50E-04	6.5E-04	4.81E-04	4.09E-04	1.06E-04
216	2.374E-03	4.17E-04	7.7E-04	5.71E-04	4.87E-04	1.26E-04
217	2.826E-03	4.97E-04	9.2E-04	6.77E-04	5.80E-04	1.50E-04
218	3.187E-03	5.61E-04	1.0E-03	7.64E-04	6.54E-04	1.69E-04
219	3.962E-03	6.98E-04	1.3E-03	9.46E-04	8.14E-04	2.09E-04
220	3.528E-03	6.21E-04	1.2E-03	8.46E-04	7.24E-04	1.87E-04
221	4.349E-03	7.66E-04	1.4E-03	1.04E-03	8.94E-04	2.30E-04
222	3.742E-03	6.58E-04	1.2E-03	8.98E-04	7.68E-04	1.99E-04
223	4.562E-03	8.03E-04	1.5E-03	1.09E-03	9.37E-04	2.41E-04
224	5.719E-03	1.01E-03	1.9E-03	1.37E-03	1.18E-03	3.02E-04
225	4.528E-03	7.97E-04	1.5E-03	1.09E-03	9.29E-04	2.40E-04
226	5.465E-03	9.62E-04	1.8E-03	1.31E-03	1.12E-03	2.89E-04
227	1.563E-03	2.71E-04	5.0E-04	3.87E-04	3.16E-04	8.56E-05
228	1.356E-03	2.35E-04	4.4E-04	3.36E-04	2.74E-04	7.43E-05
229	1.186E-03	2.06E-04	3.8E-04	2.94E-04	2.40E-04	6.50E-05
230	1.047E-03	1.82E-04	3.4E-04	2.59E-04	2.12E-04	5.73E-05
231	1.380E-03	2.39E-04	4.4E-04	3.42E-04	2.79E-04	7.55E-05
232	1.211E-03	2.10E-04	3.9E-04	3.00E-04	2.45E-04	6.63E-05
233	1.071E-03	1.86E-04	3.4E-04	2.65E-04	2.17E-04	5.86E-05
234	9.532E-04	1.65E-04	3.1E-04	2.36E-04	1.93E-04	5.22E-05
235	1.224E-03	2.12E-04	3.9E-04	3.03E-04	2.48E-04	6.69E-05
236	1.086E-03	1.88E-04	3.5E-04	2.69E-04	2.20E-04	5.94E-05
237	9.691E-04	1.68E-04	3.1E-04	2.40E-04	1.96E-04	5.30E-05
238	8.697E-04	1.51E-04	2.8E-04	2.15E-04	1.76E-04	4.76E-05
239	1.823E-02	3.23E-03	6.0E-03	4.29E-03	3.77E-03	9.47E-04
240	1.580E-02	2.79E-03	5.2E-03	3.75E-03	3.25E-03	8.29E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
241	1.357E-02	2.39E-03	4.4E-03	3.25E-03	2.78E-03	7.19E-04
242	1.161E-02	2.03E-03	3.8E-03	2.81E-03	2.37E-03	6.21E-04
243	1.381E-02	2.44E-03	4.5E-03	3.28E-03	2.85E-03	7.24E-04
244	1.224E-02	2.16E-03	4.0E-03	2.93E-03	2.51E-03	6.47E-04
245	1.076E-02	1.89E-03	3.5E-03	2.59E-03	2.20E-03	5.73E-04
246	9.416E-03	1.65E-03	3.1E-03	2.28E-03	1.92E-03	5.05E-04
247	1.082E-02	1.91E-03	3.5E-03	2.58E-03	2.22E-03	5.71E-04
248	9.746E-03	1.71E-03	3.2E-03	2.34E-03	2.00E-03	5.17E-04
249	8.718E-03	1.53E-03	2.8E-03	2.11E-03	1.78E-03	4.65E-04
250	7.765E-03	1.36E-03	2.5E-03	1.89E-03	1.58E-03	4.17E-04
251	3.505E-03	6.11E-04	1.1E-03	8.59E-04	7.13E-04	1.90E-04
252	3.238E-03	5.64E-04	1.0E-03	7.95E-04	6.58E-04	1.76E-04
253	3.821E-03	6.68E-04	1.2E-03	9.30E-04	7.79E-04	2.06E-04
254	3.570E-03	6.24E-04	1.2E-03	8.71E-04	7.27E-04	1.92E-04
255	3.104E-03	5.41E-04	1.0E-03	7.60E-04	6.31E-04	1.68E-04
256	2.887E-03	5.03E-04	9.3E-04	7.09E-04	5.87E-04	1.57E-04
257	2.312E-03	4.02E-04	7.5E-04	5.70E-04	4.69E-04	1.26E-04
258	3.347E-03	5.85E-04	1.1E-03	8.15E-04	6.82E-04	1.80E-04
259	3.144E-03	5.49E-04	1.0E-03	7.67E-04	6.40E-04	1.70E-04
260	2.950E-03	5.15E-04	9.5E-04	7.21E-04	6.00E-04	1.59E-04
261	2.764E-03	4.82E-04	8.9E-04	6.77E-04	5.62E-04	1.50E-04
262	2.587E-03	4.51E-04	8.4E-04	6.35E-04	5.26E-04	1.40E-04
263	2.108E-03	3.67E-04	6.8E-04	5.19E-04	4.27E-04	1.15E-04
264	2.788E-03	4.87E-04	9.0E-04	6.81E-04	5.68E-04	1.50E-04
265	2.629E-03	4.59E-04	8.5E-04	6.43E-04	5.35E-04	1.42E-04
266	2.476E-03	4.32E-04	8.0E-04	6.06E-04	5.04E-04	1.34E-04
267	2.329E-03	4.06E-04	7.5E-04	5.71E-04	4.73E-04	1.26E-04
268	1.928E-03	3.35E-04	6.2E-04	4.75E-04	3.91E-04	1.05E-04
269	3.668E-03	6.33E-04	1.2E-03	9.20E-04	7.38E-04	2.03E-04
270	2.972E-03	5.14E-04	9.5E-04	7.43E-04	5.99E-04	1.64E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
271	2.450E-03	4.24E-04	7.9E-04	6.11E-04	4.94E-04	1.35E-04
272	2.050E-03	3.55E-04	6.6E-04	5.11E-04	4.14E-04	1.13E-04
273	1.739E-03	3.01E-04	5.6E-04	4.33E-04	3.51E-04	9.56E-05
274	1.493E-03	2.59E-04	4.8E-04	3.71E-04	3.02E-04	8.20E-05
275	1.296E-03	2.25E-04	4.2E-04	3.22E-04	2.62E-04	7.11E-05
276	3.243E-03	5.61E-04	1.0E-03	8.10E-04	6.54E-04	1.79E-04
277	2.635E-03	4.56E-04	8.5E-04	6.57E-04	5.32E-04	1.45E-04
278	2.181E-03	3.78E-04	7.0E-04	5.43E-04	4.40E-04	1.20E-04
279	1.834E-03	3.18E-04	5.9E-04	4.56E-04	3.71E-04	1.01E-04
280	1.564E-03	2.71E-04	5.0E-04	3.88E-04	3.16E-04	8.58E-05
281	1.350E-03	2.34E-04	4.3E-04	3.35E-04	2.73E-04	7.40E-05
282	1.178E-03	2.04E-04	3.8E-04	2.92E-04	2.38E-04	6.46E-05
283	2.810E-03	4.87E-04	9.0E-04	6.99E-04	5.68E-04	1.54E-04
284	2.304E-03	3.99E-04	7.4E-04	5.73E-04	4.66E-04	1.27E-04
285	1.924E-03	3.33E-04	6.2E-04	4.78E-04	3.89E-04	1.06E-04
286	1.631E-03	2.83E-04	5.2E-04	4.05E-04	3.30E-04	8.94E-05
287	1.401E-03	2.43E-04	4.5E-04	3.47E-04	2.83E-04	7.68E-05
288	1.217E-03	2.11E-04	3.9E-04	3.02E-04	2.46E-04	6.67E-05
289	1.069E-03	1.85E-04	3.4E-04	2.65E-04	2.16E-04	5.86E-05
290	2.421E-03	4.20E-04	7.8E-04	6.01E-04	4.90E-04	1.33E-04
291	2.010E-03	3.49E-04	6.5E-04	4.99E-04	4.06E-04	1.10E-04
292	1.696E-03	2.94E-04	5.5E-04	4.21E-04	3.43E-04	9.30E-05
293	1.452E-03	2.52E-04	4.7E-04	3.60E-04	2.94E-04	7.95E-05
294	1.257E-03	2.18E-04	4.0E-04	3.12E-04	2.54E-04	6.89E-05
295	1.101E-03	1.91E-04	3.5E-04	2.73E-04	2.23E-04	6.03E-05
296	9.730E-04	1.69E-04	3.1E-04	2.41E-04	1.97E-04	5.33E-05
297	2.099E-03	3.64E-04	6.7E-04	5.21E-04	4.25E-04	1.15E-04
298	1.764E-03	3.06E-04	5.7E-04	4.38E-04	3.57E-04	9.67E-05
299	1.505E-03	2.61E-04	4.8E-04	3.73E-04	3.04E-04	8.25E-05
300	1.300E-03	2.25E-04	4.2E-04	3.22E-04	2.63E-04	7.12E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
301	1.135E-03	1.97E-04	3.7E-04	2.81E-04	2.30E-04	6.22E-05
302	1.001E-03	1.74E-04	3.2E-04	2.48E-04	2.03E-04	5.48E-05
303	8.901E-04	1.54E-04	2.9E-04	2.20E-04	1.80E-04	4.87E-05
304	1.838E-03	3.19E-04	5.9E-04	4.56E-04	3.72E-04	1.01E-04
305	1.563E-03	2.71E-04	5.0E-04	3.88E-04	3.16E-04	8.57E-05
306	1.347E-03	2.34E-04	4.3E-04	3.34E-04	2.72E-04	7.38E-05
307	1.173E-03	2.03E-04	3.8E-04	2.91E-04	2.37E-04	6.43E-05
308	1.032E-03	1.79E-04	3.3E-04	2.56E-04	2.09E-04	5.65E-05
309	9.159E-04	1.59E-04	2.9E-04	2.27E-04	1.85E-04	5.01E-05
310	8.192E-04	1.42E-04	2.6E-04	2.03E-04	1.66E-04	4.48E-05
311	1.626E-03	2.82E-04	5.2E-04	4.04E-04	3.29E-04	8.92E-05
312	1.398E-03	2.42E-04	4.5E-04	3.47E-04	2.83E-04	7.66E-05
313	1.215E-03	2.11E-04	3.9E-04	3.01E-04	2.46E-04	6.66E-05
314	1.067E-03	1.85E-04	3.4E-04	2.64E-04	2.16E-04	5.84E-05
315	9.446E-04	1.64E-04	3.0E-04	2.34E-04	1.91E-04	5.17E-05
316	8.433E-04	1.46E-04	2.7E-04	2.09E-04	1.71E-04	4.62E-05
317	7.582E-04	1.32E-04	2.4E-04	1.88E-04	1.53E-04	4.15E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
1	1.642E-04	2.86E-05	5.30E-05	4.03E-05	3.34E-05	8.91E-06
2	1.715E-04	2.99E-05	5.54E-05	4.21E-05	3.48E-05	9.30E-06
3	1.738E-04	3.03E-05	5.61E-05	4.26E-05	3.53E-05	9.43E-06
4	2.397E-04	4.17E-05	7.74E-05	5.88E-05	4.87E-05	1.30E-05
5	2.523E-04	4.39E-05	8.15E-05	6.20E-05	5.12E-05	1.37E-05
6	2.649E-04	4.61E-05	8.55E-05	6.51E-05	5.38E-05	1.44E-05
7	2.771E-04	4.82E-05	8.94E-05	6.82E-05	5.63E-05	1.51E-05
8	2.889E-04	5.03E-05	9.32E-05	7.11E-05	5.86E-05	1.57E-05
9	3.002E-04	5.22E-05	9.68E-05	7.39E-05	6.09E-05	1.63E-05
10	3.109E-04	5.41E-05	1.00E-04	7.66E-05	6.31E-05	1.69E-05
11	3.213E-04	5.59E-05	1.04E-04	7.92E-05	6.52E-05	1.75E-05
12	3.320E-04	5.77E-05	1.07E-04	8.18E-05	6.73E-05	1.81E-05
13	3.441E-04	5.99E-05	1.11E-04	8.48E-05	6.98E-05	1.87E-05
14	3.573E-04	6.22E-05	1.15E-04	8.79E-05	7.25E-05	1.94E-05
15	3.725E-04	6.48E-05	1.20E-04	9.16E-05	7.56E-05	2.02E-05
16	3.918E-04	6.82E-05	1.27E-04	9.62E-05	7.96E-05	2.13E-05
17	4.154E-04	7.24E-05	1.34E-04	1.02E-04	8.44E-05	2.25E-05
18	4.430E-04	7.72E-05	1.43E-04	1.09E-04	9.00E-05	2.40E-05
19	4.744E-04	8.27E-05	1.53E-04	1.16E-04	9.64E-05	2.57E-05
20	5.084E-04	8.86E-05	1.64E-04	1.25E-04	1.03E-04	2.76E-05
21	5.428E-04	9.45E-05	1.75E-04	1.33E-04	1.10E-04	2.95E-05
22	5.756E-04	1.00E-04	1.86E-04	1.42E-04	1.17E-04	3.13E-05
23	6.045E-04	1.05E-04	1.95E-04	1.49E-04	1.23E-04	3.29E-05
24	6.277E-04	1.09E-04	2.02E-04	1.55E-04	1.27E-04	3.43E-05
25	6.436E-04	1.12E-04	2.07E-04	1.59E-04	1.30E-04	3.52E-05
26	1.761E-04	3.07E-05	5.69E-05	4.32E-05	3.58E-05	9.55E-06
27	1.845E-04	3.21E-05	5.96E-05	4.53E-05	3.75E-05	1.00E-05
28	1.872E-04	3.26E-05	6.05E-05	4.59E-05	3.80E-05	1.02E-05
29	2.637E-04	4.59E-05	8.52E-05	6.47E-05	5.36E-05	1.43E-05
30	2.792E-04	4.86E-05	9.01E-05	6.85E-05	5.67E-05	1.51E-05

<b>Max</b>	<b>Receptor #</b>
0.0081	239



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
31	2.948E-04	5.13E-05	9.52E-05	7.24E-05	5.99E-05	1.60E-05
32	3.103E-04	5.40E-05	1.00E-04	7.63E-05	6.30E-05	1.69E-05
33	3.252E-04	5.66E-05	1.05E-04	8.00E-05	6.60E-05	1.77E-05
34	3.395E-04	5.91E-05	1.09E-04	8.36E-05	6.89E-05	1.85E-05
35	3.532E-04	6.14E-05	1.14E-04	8.70E-05	7.16E-05	1.92E-05
36	3.663E-04	6.37E-05	1.18E-04	9.03E-05	7.43E-05	2.00E-05
37	3.807E-04	6.62E-05	1.23E-04	9.38E-05	7.72E-05	2.07E-05
38	3.961E-04	6.89E-05	1.28E-04	9.76E-05	8.04E-05	2.16E-05
39	4.123E-04	7.18E-05	1.33E-04	1.01E-04	8.37E-05	2.24E-05
40	4.323E-04	7.53E-05	1.40E-04	1.06E-04	8.78E-05	2.35E-05
41	4.580E-04	7.98E-05	1.48E-04	1.12E-04	9.31E-05	2.48E-05
42	4.889E-04	8.52E-05	1.58E-04	1.20E-04	9.94E-05	2.65E-05
43	5.254E-04	9.16E-05	1.70E-04	1.29E-04	1.07E-04	2.84E-05
44	5.663E-04	9.87E-05	1.83E-04	1.39E-04	1.15E-04	3.07E-05
45	6.091E-04	1.06E-04	1.97E-04	1.49E-04	1.24E-04	3.30E-05
46	6.507E-04	1.13E-04	2.10E-04	1.60E-04	1.32E-04	3.54E-05
47	6.879E-04	1.20E-04	2.22E-04	1.69E-04	1.40E-04	3.75E-05
48	7.180E-04	1.25E-04	2.31E-04	1.77E-04	1.45E-04	3.92E-05
49	7.386E-04	1.28E-04	2.38E-04	1.83E-04	1.50E-04	4.04E-05
50	7.487E-04	1.30E-04	2.41E-04	1.86E-04	1.51E-04	4.10E-05
51	1.893E-04	3.30E-05	6.11E-05	4.64E-05	3.85E-05	1.03E-05
52	1.989E-04	3.47E-05	6.42E-05	4.88E-05	4.04E-05	1.08E-05
53	2.025E-04	3.53E-05	6.54E-05	4.97E-05	4.12E-05	1.10E-05
54	2.916E-04	5.08E-05	9.42E-05	7.15E-05	5.93E-05	1.58E-05
55	3.105E-04	5.41E-05	1.00E-04	7.62E-05	6.31E-05	1.68E-05
56	3.301E-04	5.75E-05	1.07E-04	8.10E-05	6.71E-05	1.79E-05
57	3.498E-04	6.09E-05	1.13E-04	8.60E-05	7.10E-05	1.90E-05
58	3.691E-04	6.42E-05	1.19E-04	9.08E-05	7.49E-05	2.01E-05
59	3.877E-04	6.75E-05	1.25E-04	9.54E-05	7.87E-05	2.11E-05
60	4.055E-04	7.05E-05	1.31E-04	9.99E-05	8.23E-05	2.21E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
61	4.226E-04	7.35E-05	1.36E-04	1.04E-04	8.57E-05	2.30E-05
62	4.416E-04	7.68E-05	1.42E-04	1.09E-04	8.96E-05	2.40E-05
63	4.610E-04	8.02E-05	1.49E-04	1.13E-04	9.35E-05	2.51E-05
64	4.823E-04	8.39E-05	1.56E-04	1.19E-04	9.79E-05	2.62E-05
65	5.090E-04	8.87E-05	1.64E-04	1.25E-04	1.03E-04	2.76E-05
66	5.437E-04	9.48E-05	1.76E-04	1.33E-04	1.11E-04	2.95E-05
67	5.855E-04	1.02E-04	1.89E-04	1.43E-04	1.19E-04	3.17E-05
68	6.345E-04	1.11E-04	2.05E-04	1.55E-04	1.29E-04	3.43E-05
69	6.878E-04	1.20E-04	2.22E-04	1.69E-04	1.40E-04	3.73E-05
70	7.412E-04	1.29E-04	2.39E-04	1.82E-04	1.51E-04	4.02E-05
71	7.901E-04	1.37E-04	2.55E-04	1.95E-04	1.60E-04	4.30E-05
72	8.299E-04	1.44E-04	2.67E-04	2.05E-04	1.68E-04	4.53E-05
73	8.573E-04	1.49E-04	2.76E-04	2.12E-04	1.74E-04	4.69E-05
74	8.705E-04	1.51E-04	2.80E-04	2.16E-04	1.76E-04	4.78E-05
75	8.690E-04	1.51E-04	2.79E-04	2.16E-04	1.76E-04	4.78E-05
76	2.036E-04	3.55E-05	6.58E-05	4.99E-05	4.14E-05	1.10E-05
77	2.148E-04	3.74E-05	6.94E-05	5.27E-05	4.37E-05	1.16E-05
78	2.199E-04	3.83E-05	7.10E-05	5.39E-05	4.47E-05	1.19E-05
79	3.241E-04	5.65E-05	1.05E-04	7.94E-05	6.59E-05	1.76E-05
80	3.475E-04	6.06E-05	1.12E-04	8.52E-05	7.07E-05	1.88E-05
81	3.722E-04	6.49E-05	1.20E-04	9.13E-05	7.56E-05	2.02E-05
82	3.975E-04	6.92E-05	1.28E-04	9.76E-05	8.07E-05	2.16E-05
83	4.228E-04	7.36E-05	1.36E-04	1.04E-04	8.59E-05	2.30E-05
84	4.475E-04	7.79E-05	1.44E-04	1.10E-04	9.08E-05	2.43E-05
85	4.712E-04	8.20E-05	1.52E-04	1.16E-04	9.56E-05	2.56E-05
86	4.960E-04	8.63E-05	1.60E-04	1.22E-04	1.01E-04	2.70E-05
87	5.201E-04	9.05E-05	1.68E-04	1.28E-04	1.06E-04	2.83E-05
88	5.443E-04	9.47E-05	1.76E-04	1.34E-04	1.10E-04	2.96E-05
89	5.730E-04	9.98E-05	1.85E-04	1.41E-04	1.16E-04	3.11E-05
90	6.100E-04	1.06E-04	1.97E-04	1.50E-04	1.24E-04	3.31E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
91	6.578E-04	1.15E-04	2.13E-04	1.61E-04	1.34E-04	3.56E-05
92	7.157E-04	1.25E-04	2.32E-04	1.75E-04	1.46E-04	3.87E-05
93	7.821E-04	1.36E-04	2.53E-04	1.91E-04	1.59E-04	4.23E-05
94	8.514E-04	1.48E-04	2.75E-04	2.09E-04	1.73E-04	4.61E-05
95	9.166E-04	1.60E-04	2.96E-04	2.25E-04	1.86E-04	4.98E-05
96	9.706E-04	1.69E-04	3.13E-04	2.40E-04	1.97E-04	5.29E-05
97	1.008E-03	1.75E-04	3.24E-04	2.50E-04	2.04E-04	5.52E-05
98	1.026E-03	1.78E-04	3.30E-04	2.55E-04	2.07E-04	5.63E-05
99	1.023E-03	1.77E-04	3.28E-04	2.55E-04	2.07E-04	5.63E-05
100	1.002E-03	1.73E-04	3.21E-04	2.50E-04	2.02E-04	5.53E-05
101	2.192E-04	3.82E-05	7.08E-05	5.37E-05	4.46E-05	1.19E-05
102	2.324E-04	4.05E-05	7.51E-05	5.69E-05	4.72E-05	1.26E-05
103	2.394E-04	4.17E-05	7.74E-05	5.87E-05	4.87E-05	1.30E-05
104	3.627E-04	6.32E-05	1.17E-04	8.88E-05	7.38E-05	1.96E-05
105	3.916E-04	6.83E-05	1.27E-04	9.59E-05	7.96E-05	2.12E-05
106	4.229E-04	7.37E-05	1.37E-04	1.04E-04	8.60E-05	2.29E-05
107	4.558E-04	7.94E-05	1.47E-04	1.12E-04	9.26E-05	2.47E-05
108	4.894E-04	8.52E-05	1.58E-04	1.20E-04	9.94E-05	2.66E-05
109	5.227E-04	9.10E-05	1.69E-04	1.28E-04	1.06E-04	2.84E-05
110	5.556E-04	9.67E-05	1.79E-04	1.37E-04	1.13E-04	3.02E-05
111	5.904E-04	1.03E-04	1.90E-04	1.45E-04	1.20E-04	3.21E-05
112	6.210E-04	1.08E-04	2.00E-04	1.53E-04	1.26E-04	3.38E-05
113	6.539E-04	1.14E-04	2.11E-04	1.61E-04	1.33E-04	3.55E-05
114	6.939E-04	1.21E-04	2.24E-04	1.70E-04	1.41E-04	3.76E-05
115	7.463E-04	1.30E-04	2.41E-04	1.83E-04	1.52E-04	4.04E-05
116	8.137E-04	1.42E-04	2.63E-04	1.99E-04	1.66E-04	4.39E-05
117	8.959E-04	1.56E-04	2.90E-04	2.19E-04	1.82E-04	4.84E-05
118	9.866E-04	1.72E-04	3.19E-04	2.41E-04	2.01E-04	5.34E-05
119	1.075E-03	1.87E-04	3.47E-04	2.64E-04	2.18E-04	5.84E-05
120	1.151E-03	2.00E-04	3.71E-04	2.84E-04	2.33E-04	6.27E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
121	1.204E-03	2.09E-04	3.87E-04	2.98E-04	2.44E-04	6.59E-05
122	1.228E-03	2.13E-04	3.95E-04	3.05E-04	2.48E-04	6.75E-05
123	1.224E-03	2.12E-04	3.93E-04	3.05E-04	2.47E-04	6.75E-05
124	1.194E-03	2.06E-04	3.83E-04	2.98E-04	2.41E-04	6.60E-05
125	2.359E-04	4.11E-05	7.63E-05	5.78E-05	4.80E-05	1.28E-05
126	2.514E-04	4.38E-05	8.13E-05	6.16E-05	5.11E-05	1.36E-05
127	2.609E-04	4.55E-05	8.44E-05	6.39E-05	5.31E-05	1.41E-05
128	4.447E-04	7.76E-05	1.44E-04	1.09E-04	9.05E-05	2.40E-05
129	4.846E-04	8.45E-05	1.57E-04	1.19E-04	9.86E-05	2.62E-05
130	5.280E-04	9.21E-05	1.71E-04	1.29E-04	1.07E-04	2.86E-05
131	5.734E-04	9.99E-05	1.85E-04	1.41E-04	1.17E-04	3.11E-05
132	6.193E-04	1.08E-04	2.00E-04	1.52E-04	1.26E-04	3.36E-05
133	6.670E-04	1.16E-04	2.15E-04	1.64E-04	1.35E-04	3.62E-05
134	7.131E-04	1.24E-04	2.30E-04	1.75E-04	1.45E-04	3.88E-05
135	7.559E-04	1.32E-04	2.44E-04	1.86E-04	1.53E-04	4.11E-05
136	8.022E-04	1.40E-04	2.59E-04	1.97E-04	1.63E-04	4.36E-05
137	8.597E-04	1.50E-04	2.78E-04	2.11E-04	1.75E-04	4.65E-05
138	9.371E-04	1.64E-04	3.03E-04	2.29E-04	1.91E-04	5.06E-05
139	1.035E-03	1.81E-04	3.35E-04	2.52E-04	2.11E-04	5.58E-05
140	1.153E-03	2.01E-04	3.73E-04	2.81E-04	2.35E-04	6.22E-05
141	1.276E-03	2.22E-04	4.12E-04	3.12E-04	2.59E-04	6.91E-05
142	1.385E-03	2.41E-04	4.47E-04	3.41E-04	2.81E-04	7.53E-05
143	1.462E-03	2.54E-04	4.71E-04	3.62E-04	2.96E-04	8.00E-05
144	1.499E-03	2.60E-04	4.81E-04	3.73E-04	3.03E-04	8.24E-05
145	1.492E-03	2.58E-04	4.78E-04	3.73E-04	3.01E-04	8.24E-05
146	1.448E-03	2.50E-04	4.64E-04	3.63E-04	2.92E-04	8.01E-05
147	2.537E-04	4.43E-05	8.20E-05	6.21E-05	5.16E-05	1.37E-05
148	2.719E-04	4.74E-05	8.79E-05	6.65E-05	5.53E-05	1.47E-05
149	2.852E-04	4.97E-05	9.22E-05	6.98E-05	5.80E-05	1.54E-05
150	5.094E-04	8.89E-05	1.65E-04	1.24E-04	1.04E-04	2.75E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
151	5.608E-04	9.79E-05	1.81E-04	1.37E-04	1.14E-04	3.03E-05
152	6.185E-04	1.08E-04	2.00E-04	1.51E-04	1.26E-04	3.34E-05
153	6.809E-04	1.19E-04	2.20E-04	1.67E-04	1.38E-04	3.68E-05
154	7.457E-04	1.30E-04	2.41E-04	1.83E-04	1.52E-04	4.04E-05
155	8.172E-04	1.42E-04	2.64E-04	2.01E-04	1.66E-04	4.44E-05
156	8.802E-04	1.53E-04	2.84E-04	2.16E-04	1.79E-04	4.78E-05
157	9.420E-04	1.64E-04	3.04E-04	2.32E-04	1.91E-04	5.12E-05
158	1.010E-03	1.76E-04	3.26E-04	2.48E-04	2.05E-04	5.47E-05
159	1.096E-03	1.91E-04	3.55E-04	2.68E-04	2.23E-04	5.92E-05
160	1.213E-03	2.12E-04	3.93E-04	2.95E-04	2.47E-04	6.52E-05
161	1.362E-03	2.38E-04	4.42E-04	3.31E-04	2.78E-04	7.32E-05
162	1.533E-03	2.68E-04	4.96E-04	3.74E-04	3.12E-04	8.27E-05
163	1.694E-03	2.95E-04	5.47E-04	4.16E-04	3.44E-04	9.19E-05
164	1.814E-03	3.15E-04	5.84E-04	4.49E-04	3.67E-04	9.91E-05
165	1.871E-03	3.24E-04	6.00E-04	4.66E-04	3.78E-04	1.03E-04
166	1.861E-03	3.21E-04	5.96E-04	4.66E-04	3.75E-04	1.03E-04
167	1.793E-03	3.09E-04	5.73E-04	4.50E-04	3.61E-04	9.95E-05
168	1.683E-03	2.90E-04	5.38E-04	4.23E-04	3.38E-04	9.36E-05
169	2.725E-04	4.75E-05	8.82E-05	6.66E-05	5.55E-05	1.47E-05
170	2.938E-04	5.13E-05	9.50E-05	7.18E-05	5.98E-05	1.59E-05
171	3.121E-04	5.45E-05	1.01E-04	7.63E-05	6.35E-05	1.69E-05
172	3.305E-04	5.77E-05	1.07E-04	8.08E-05	6.73E-05	1.79E-05
173	5.889E-04	1.03E-04	1.91E-04	1.44E-04	1.20E-04	3.18E-05
174	6.562E-04	1.15E-04	2.12E-04	1.60E-04	1.34E-04	3.54E-05
175	7.340E-04	1.28E-04	2.38E-04	1.79E-04	1.49E-04	3.96E-05
176	8.211E-04	1.43E-04	2.66E-04	2.01E-04	1.67E-04	4.43E-05
177	9.175E-04	1.60E-04	2.97E-04	2.25E-04	1.87E-04	4.96E-05
178	1.021E-03	1.78E-04	3.30E-04	2.50E-04	2.07E-04	5.53E-05
179	1.115E-03	1.94E-04	3.60E-04	2.74E-04	2.27E-04	6.05E-05
180	1.209E-03	2.11E-04	3.91E-04	2.97E-04	2.46E-04	6.56E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
181	1.312E-03	2.29E-04	4.24E-04	3.21E-04	2.67E-04	7.10E-05
182	1.448E-03	2.53E-04	4.69E-04	3.52E-04	2.95E-04	7.79E-05
183	2.386E-03	4.12E-04	7.63E-04	5.99E-04	4.80E-04	1.32E-04
184	2.279E-03	3.93E-04	7.28E-04	5.74E-04	4.58E-04	1.27E-04
185	3.168E-04	5.53E-05	1.03E-04	7.74E-05	6.45E-05	1.71E-05
186	3.408E-04	5.95E-05	1.10E-04	8.32E-05	6.94E-05	1.84E-05
187	3.629E-04	6.34E-05	1.17E-04	8.86E-05	7.39E-05	1.96E-05
188	6.864E-04	1.20E-04	2.22E-04	1.67E-04	1.40E-04	3.70E-05
189	7.766E-04	1.36E-04	2.52E-04	1.89E-04	1.58E-04	4.18E-05
190	8.835E-04	1.54E-04	2.86E-04	2.15E-04	1.80E-04	4.76E-05
191	1.008E-03	1.76E-04	3.27E-04	2.46E-04	2.06E-04	5.43E-05
192	1.158E-03	2.02E-04	3.75E-04	2.82E-04	2.36E-04	6.24E-05
193	1.310E-03	2.29E-04	4.24E-04	3.20E-04	2.67E-04	7.08E-05
194	1.461E-03	2.55E-04	4.72E-04	3.58E-04	2.97E-04	7.91E-05
195	1.610E-03	2.81E-04	5.20E-04	3.94E-04	3.27E-04	8.72E-05
196	1.776E-03	3.10E-04	5.75E-04	4.33E-04	3.62E-04	9.57E-05
197	2.006E-03	3.52E-04	6.52E-04	4.85E-04	4.10E-04	1.07E-04
198	3.680E-04	6.43E-05	1.19E-04	8.97E-05	7.50E-05	1.98E-05
199	3.997E-04	6.98E-05	1.29E-04	9.74E-05	8.14E-05	2.15E-05
200	3.975E-04	6.95E-05	1.29E-04	9.68E-05	8.10E-05	2.14E-05
201	4.377E-04	7.65E-05	1.42E-04	1.07E-04	8.92E-05	2.36E-05
202	4.768E-04	8.34E-05	1.55E-04	1.16E-04	9.72E-05	2.56E-05
203	4.745E-04	8.30E-05	1.54E-04	1.15E-04	9.68E-05	2.55E-05
204	5.301E-04	9.28E-05	1.72E-04	1.29E-04	1.08E-04	2.85E-05
205	5.900E-04	1.03E-04	1.91E-04	1.43E-04	1.20E-04	3.16E-05
206	5.800E-04	1.02E-04	1.88E-04	1.41E-04	1.18E-04	3.11E-05
207	6.557E-04	1.15E-04	2.13E-04	1.59E-04	1.34E-04	3.51E-05
208	7.478E-04	1.31E-04	2.43E-04	1.81E-04	1.53E-04	4.00E-05
209	6.317E-04	1.11E-04	2.05E-04	1.53E-04	1.29E-04	3.38E-05
210	7.278E-04	1.28E-04	2.37E-04	1.76E-04	1.49E-04	3.89E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
211	8.369E-04	1.47E-04	2.72E-04	2.02E-04	1.71E-04	4.46E-05
212	8.024E-04	1.41E-04	2.61E-04	1.94E-04	1.64E-04	4.28E-05
213	9.453E-04	1.66E-04	3.08E-04	2.27E-04	1.94E-04	5.03E-05
214	1.111E-03	1.95E-04	3.62E-04	2.67E-04	2.28E-04	5.89E-05
215	8.867E-04	1.56E-04	2.89E-04	2.14E-04	1.82E-04	4.72E-05
216	1.055E-03	1.85E-04	3.44E-04	2.54E-04	2.16E-04	5.61E-05
217	1.256E-03	2.21E-04	4.10E-04	3.01E-04	2.58E-04	6.65E-05
218	1.417E-03	2.49E-04	4.62E-04	3.39E-04	2.91E-04	7.50E-05
219	1.761E-03	3.10E-04	5.75E-04	4.20E-04	3.62E-04	9.29E-05
220	1.568E-03	2.76E-04	5.11E-04	3.76E-04	3.22E-04	8.31E-05
221	1.933E-03	3.40E-04	6.31E-04	4.62E-04	3.97E-04	1.02E-04
222	1.663E-03	2.92E-04	5.42E-04	3.99E-04	3.41E-04	8.82E-05
223	2.028E-03	3.57E-04	6.62E-04	4.85E-04	4.16E-04	1.07E-04
224	2.542E-03	4.48E-04	8.31E-04	6.07E-04	5.23E-04	1.34E-04
225	2.013E-03	3.54E-04	6.56E-04	4.82E-04	4.13E-04	1.07E-04
226	2.429E-03	4.28E-04	7.93E-04	5.81E-04	4.99E-04	1.28E-04
227	6.947E-04	1.21E-04	2.23E-04	1.72E-04	1.41E-04	3.80E-05
228	6.026E-04	1.05E-04	1.94E-04	1.49E-04	1.22E-04	3.30E-05
229	5.273E-04	9.15E-05	1.70E-04	1.31E-04	1.07E-04	2.89E-05
230	4.653E-04	8.07E-05	1.50E-04	1.15E-04	9.41E-05	2.55E-05
231	6.134E-04	1.06E-04	1.97E-04	1.52E-04	1.24E-04	3.36E-05
232	5.383E-04	9.34E-05	1.73E-04	1.33E-04	1.09E-04	2.95E-05
233	4.759E-04	8.26E-05	1.53E-04	1.18E-04	9.63E-05	2.61E-05
234	4.237E-04	7.35E-05	1.36E-04	1.05E-04	8.57E-05	2.32E-05
235	5.438E-04	9.44E-05	1.75E-04	1.35E-04	1.10E-04	2.97E-05
236	4.825E-04	8.38E-05	1.55E-04	1.19E-04	9.77E-05	2.64E-05
237	4.307E-04	7.48E-05	1.39E-04	1.07E-04	8.72E-05	2.36E-05
238	3.866E-04	6.71E-05	1.24E-04	9.57E-05	7.83E-05	2.11E-05
239	8.104E-03	1.44E-03	2.66E-03	1.90E-03	1.68E-03	4.21E-04
240	7.022E-03	1.24E-03	2.30E-03	1.67E-03	1.45E-03	3.69E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
241	6.029E-03	1.06E-03	1.97E-03	1.45E-03	1.24E-03	3.20E-04
242	5.160E-03	9.04E-04	1.68E-03	1.25E-03	1.05E-03	2.76E-04
243	6.138E-03	1.08E-03	2.01E-03	1.46E-03	1.26E-03	3.22E-04
244	5.440E-03	9.58E-04	1.78E-03	1.30E-03	1.12E-03	2.87E-04
245	4.781E-03	8.40E-04	1.56E-03	1.15E-03	9.79E-04	2.55E-04
246	4.185E-03	7.33E-04	1.36E-03	1.01E-03	8.55E-04	2.24E-04
247	4.808E-03	8.47E-04	1.57E-03	1.15E-03	9.88E-04	2.54E-04
248	4.332E-03	7.62E-04	1.41E-03	1.04E-03	8.88E-04	2.30E-04
249	3.875E-03	6.80E-04	1.26E-03	9.36E-04	7.93E-04	2.07E-04
250	3.451E-03	6.04E-04	1.12E-03	8.38E-04	7.04E-04	1.85E-04
251	1.558E-03	2.72E-04	5.04E-04	3.82E-04	3.17E-04	8.44E-05
252	1.439E-03	2.51E-04	4.65E-04	3.53E-04	2.92E-04	7.81E-05
253	1.698E-03	2.97E-04	5.50E-04	4.13E-04	3.46E-04	9.14E-05
254	1.587E-03	2.77E-04	5.14E-04	3.87E-04	3.23E-04	8.56E-05
255	1.379E-03	2.40E-04	4.46E-04	3.38E-04	2.81E-04	7.47E-05
256	1.283E-03	2.24E-04	4.14E-04	3.15E-04	2.61E-04	6.96E-05
257	1.027E-03	1.79E-04	3.31E-04	2.53E-04	2.08E-04	5.60E-05
258	1.487E-03	2.60E-04	4.82E-04	3.62E-04	3.03E-04	8.01E-05
259	1.397E-03	2.44E-04	4.52E-04	3.41E-04	2.85E-04	7.54E-05
260	1.311E-03	2.29E-04	4.24E-04	3.21E-04	2.67E-04	7.09E-05
261	1.229E-03	2.14E-04	3.97E-04	3.01E-04	2.50E-04	6.65E-05
262	1.150E-03	2.00E-04	3.71E-04	2.82E-04	2.34E-04	6.24E-05
263	9.367E-04	1.63E-04	3.02E-04	2.31E-04	1.90E-04	5.10E-05
264	1.239E-03	2.16E-04	4.01E-04	3.03E-04	2.52E-04	6.69E-05
265	1.168E-03	2.04E-04	3.78E-04	2.86E-04	2.38E-04	6.32E-05
266	1.101E-03	1.92E-04	3.56E-04	2.70E-04	2.24E-04	5.96E-05
267	1.035E-03	1.80E-04	3.34E-04	2.54E-04	2.10E-04	5.61E-05
268	8.568E-04	1.49E-04	2.76E-04	2.11E-04	1.74E-04	4.66E-05
269	1.630E-03	2.81E-04	5.22E-04	4.09E-04	3.28E-04	9.04E-05
270	1.321E-03	2.28E-04	4.23E-04	3.30E-04	2.66E-04	7.30E-05



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
271	1.089E-03	1.88E-04	3.49E-04	2.72E-04	2.20E-04	6.01E-05
272	9.111E-04	1.58E-04	2.92E-04	2.27E-04	1.84E-04	5.02E-05
273	7.728E-04	1.34E-04	2.48E-04	1.92E-04	1.56E-04	4.25E-05
274	6.636E-04	1.15E-04	2.13E-04	1.65E-04	1.34E-04	3.65E-05
275	5.761E-04	9.98E-05	1.85E-04	1.43E-04	1.16E-04	3.16E-05
276	1.441E-03	2.49E-04	4.62E-04	3.60E-04	2.91E-04	7.95E-05
277	1.171E-03	2.03E-04	3.76E-04	2.92E-04	2.36E-04	6.45E-05
278	9.693E-04	1.68E-04	3.11E-04	2.41E-04	1.96E-04	5.33E-05
279	8.150E-04	1.41E-04	2.62E-04	2.03E-04	1.65E-04	4.48E-05
280	6.949E-04	1.20E-04	2.23E-04	1.73E-04	1.40E-04	3.81E-05
281	5.999E-04	1.04E-04	1.93E-04	1.49E-04	1.21E-04	3.29E-05
282	5.234E-04	9.08E-05	1.68E-04	1.30E-04	1.06E-04	2.87E-05
283	1.249E-03	2.16E-04	4.01E-04	3.11E-04	2.52E-04	6.87E-05
284	1.024E-03	1.77E-04	3.29E-04	2.54E-04	2.07E-04	5.62E-05
285	8.549E-04	1.48E-04	2.75E-04	2.12E-04	1.73E-04	4.69E-05
286	7.247E-04	1.26E-04	2.33E-04	1.80E-04	1.47E-04	3.98E-05
287	6.226E-04	1.08E-04	2.00E-04	1.54E-04	1.26E-04	3.41E-05
288	5.411E-04	9.39E-05	1.74E-04	1.34E-04	1.09E-04	2.97E-05
289	4.751E-04	8.24E-05	1.53E-04	1.18E-04	9.61E-05	2.60E-05
290	1.076E-03	1.87E-04	3.46E-04	2.67E-04	2.18E-04	5.90E-05
291	8.934E-04	1.55E-04	2.87E-04	2.22E-04	1.81E-04	4.90E-05
292	7.539E-04	1.31E-04	2.42E-04	1.87E-04	1.52E-04	4.13E-05
293	6.451E-04	1.12E-04	2.07E-04	1.60E-04	1.31E-04	3.54E-05
294	5.588E-04	9.69E-05	1.80E-04	1.38E-04	1.13E-04	3.06E-05
295	4.893E-04	8.49E-05	1.57E-04	1.21E-04	9.90E-05	2.68E-05
296	4.324E-04	7.50E-05	1.39E-04	1.07E-04	8.75E-05	2.37E-05
297	9.329E-04	1.62E-04	3.00E-04	2.31E-04	1.89E-04	5.11E-05
298	7.842E-04	1.36E-04	2.52E-04	1.94E-04	1.59E-04	4.30E-05
299	6.689E-04	1.16E-04	2.15E-04	1.66E-04	1.35E-04	3.67E-05
300	5.777E-04	1.00E-04	1.86E-04	1.43E-04	1.17E-04	3.16E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
301	5.045E-04	8.75E-05	1.62E-04	1.25E-04	1.02E-04	2.76E-05
302	4.448E-04	7.72E-05	1.43E-04	1.10E-04	9.00E-05	2.44E-05
303	3.956E-04	6.86E-05	1.27E-04	9.80E-05	8.01E-05	2.17E-05
304	8.170E-04	1.42E-04	2.63E-04	2.03E-04	1.65E-04	4.48E-05
305	6.948E-04	1.20E-04	2.23E-04	1.72E-04	1.41E-04	3.81E-05
306	5.985E-04	1.04E-04	1.92E-04	1.48E-04	1.21E-04	3.28E-05
307	5.214E-04	9.04E-05	1.68E-04	1.29E-04	1.05E-04	2.86E-05
308	4.587E-04	7.96E-05	1.48E-04	1.14E-04	9.28E-05	2.51E-05
309	4.071E-04	7.06E-05	1.31E-04	1.01E-04	8.24E-05	2.23E-05
310	3.641E-04	6.32E-05	1.17E-04	9.02E-05	7.37E-05	1.99E-05
311	7.229E-04	1.25E-04	2.32E-04	1.79E-04	1.46E-04	3.96E-05
312	6.212E-04	1.08E-04	2.00E-04	1.54E-04	1.26E-04	3.41E-05
313	5.400E-04	9.36E-05	1.74E-04	1.34E-04	1.09E-04	2.96E-05
314	4.740E-04	8.22E-05	1.52E-04	1.17E-04	9.59E-05	2.60E-05
315	4.198E-04	7.28E-05	1.35E-04	1.04E-04	8.50E-05	2.30E-05
316	3.748E-04	6.50E-05	1.21E-04	9.28E-05	7.58E-05	2.05E-05
317	3.370E-04	5.85E-05	1.08E-04	8.34E-05	6.82E-05	1.84E-05

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Parcel 5-D: Unmitigated - Parcel 5 - Site Preparation Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

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**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose			Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Risk	Constant	Risk	Constant 2		
1	0.05008	2.86E-03	1.4E-04	1.05E-03	1.49E-07	4.31E-04	6.43E-11	1.0E+06	6.4E-05	5	
2	0.05232	2.86E-03	1.5E-04	1.05E-03	1.56E-07	4.31E-04	6.72E-11	1.0E+06	6.7E-05	5	
3	0.05302	2.86E-03	1.5E-04	1.05E-03	1.58E-07	4.31E-04	6.81E-11	1.0E+06	6.8E-05	5	
4	0.07311	2.86E-03	2.1E-04	1.05E-03	2.18E-07	4.31E-04	9.39E-11	1.0E+06	9.4E-05	5	
5	0.07694	2.86E-03	2.2E-04	1.05E-03	2.30E-07	4.31E-04	9.89E-11	1.0E+06	9.9E-05	5	
6	0.08075	2.86E-03	2.3E-04	1.05E-03	2.41E-07	4.31E-04	1.04E-10	1.0E+06	1.0E-04	5	
7	0.08446	2.86E-03	2.4E-04	1.05E-03	2.52E-07	4.31E-04	1.09E-10	1.0E+06	1.1E-04	5	
8	0.08803	2.86E-03	2.5E-04	1.05E-03	2.63E-07	4.31E-04	1.13E-10	1.0E+06	1.1E-04	5	
9	0.09143	2.86E-03	2.6E-04	1.05E-03	2.73E-07	4.31E-04	1.17E-10	1.0E+06	1.2E-04	5	
10	0.09467	2.86E-03	2.7E-04	1.05E-03	2.83E-07	4.31E-04	1.22E-10	1.0E+06	1.2E-04	5	
11	0.09783	2.86E-03	2.8E-04	1.05E-03	2.92E-07	4.31E-04	1.26E-10	1.0E+06	1.3E-04	5	
12	0.10109	2.86E-03	2.9E-04	1.05E-03	3.02E-07	4.31E-04	1.30E-10	1.0E+06	1.3E-04	5	
13	0.10482	2.86E-03	3.0E-04	1.05E-03	3.13E-07	4.31E-04	1.35E-10	1.0E+06	1.3E-04	5	
14	0.10885	2.86E-03	3.1E-04	1.05E-03	3.25E-07	4.31E-04	1.40E-10	1.0E+06	1.4E-04	5	
15	0.11356	2.86E-03	3.2E-04	1.05E-03	3.39E-07	4.31E-04	1.46E-10	1.0E+06	1.5E-04	5	
16	0.1195	2.86E-03	3.4E-04	1.05E-03	3.57E-07	4.31E-04	1.54E-10	1.0E+06	1.5E-04	5	
17	0.12675	2.86E-03	3.6E-04	1.05E-03	3.78E-07	4.31E-04	1.63E-10	1.0E+06	1.6E-04	5	
18	0.1352	2.86E-03	3.9E-04	1.05E-03	4.03E-07	4.31E-04	1.74E-10	1.0E+06	1.7E-04	5	
19	0.1448	2.86E-03	4.1E-04	1.05E-03	4.32E-07	4.31E-04	1.86E-10	1.0E+06	1.9E-04	5	
20	0.15511	2.86E-03	4.4E-04	1.05E-03	4.63E-07	4.31E-04	1.99E-10	1.0E+06	2.0E-04	5	
21	0.16554	2.86E-03	4.7E-04	1.05E-03	4.94E-07	4.31E-04	2.13E-10	1.0E+06	2.1E-04	5	
22	0.17541	2.86E-03	5.0E-04	1.05E-03	5.23E-07	4.31E-04	2.25E-10	1.0E+06	2.3E-04	5	
23	0.18407	2.86E-03	5.3E-04	1.05E-03	5.49E-07	4.31E-04	2.36E-10	1.0E+06	2.4E-04	5	
24	0.19095	2.86E-03	5.5E-04	1.05E-03	5.70E-07	4.31E-04	2.45E-10	1.0E+06	2.5E-04	5	
25	0.19564	2.86E-03	5.6E-04	1.05E-03	5.84E-07	4.31E-04	2.51E-10	1.0E+06	2.5E-04	5	
26	0.05374	2.86E-03	1.5E-04	1.05E-03	1.60E-07	4.31E-04	6.90E-11	1.0E+06	6.9E-05	5	
27	0.05628	2.86E-03	1.6E-04	1.05E-03	1.68E-07	4.31E-04	7.23E-11	1.0E+06	7.2E-05	5	
28	0.05712	2.86E-03	1.6E-04	1.05E-03	1.70E-07	4.31E-04	7.34E-11	1.0E+06	7.3E-05	5	
29	0.08045	2.86E-03	2.3E-04	1.05E-03	2.40E-07	4.31E-04	1.03E-10	1.0E+06	1.0E-04	5	
30	0.08515	2.86E-03	2.4E-04	1.05E-03	2.54E-07	4.31E-04	1.09E-10	1.0E+06	1.1E-04	5	
31	0.0899	2.86E-03	2.6E-04	1.05E-03	2.68E-07	4.31E-04	1.16E-10	1.0E+06	1.2E-04	5	

Max	Receptor #
0.003	239

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
32	0.09459	2.86E-03	2.7E-04	1.05E-03	2.82E-07	4.31E-04	1.22E-10	1.0E+06	1.2E-04	5
33	0.09911	2.86E-03	2.8E-04	1.05E-03	2.96E-07	4.31E-04	1.27E-10	1.0E+06	1.3E-04	5
34	0.10343	2.86E-03	3.0E-04	1.05E-03	3.09E-07	4.31E-04	1.33E-10	1.0E+06	1.3E-04	5
35	0.10756	2.86E-03	3.1E-04	1.05E-03	3.21E-07	4.31E-04	1.38E-10	1.0E+06	1.4E-04	5
36	0.11156	2.86E-03	3.2E-04	1.05E-03	3.33E-07	4.31E-04	1.43E-10	1.0E+06	1.4E-04	5
37	0.11593	2.86E-03	3.3E-04	1.05E-03	3.46E-07	4.31E-04	1.49E-10	1.0E+06	1.5E-04	5
38	0.12066	2.86E-03	3.4E-04	1.05E-03	3.60E-07	4.31E-04	1.55E-10	1.0E+06	1.6E-04	5
39	0.12566	2.86E-03	3.6E-04	1.05E-03	3.75E-07	4.31E-04	1.61E-10	1.0E+06	1.6E-04	5
40	0.13182	2.86E-03	3.8E-04	1.05E-03	3.93E-07	4.31E-04	1.69E-10	1.0E+06	1.7E-04	5
41	0.13974	2.86E-03	4.0E-04	1.05E-03	4.17E-07	4.31E-04	1.80E-10	1.0E+06	1.8E-04	5
42	0.14925	2.86E-03	4.3E-04	1.05E-03	4.45E-07	4.31E-04	1.92E-10	1.0E+06	1.9E-04	5
43	0.16042	2.86E-03	4.6E-04	1.05E-03	4.79E-07	4.31E-04	2.06E-10	1.0E+06	2.1E-04	5
44	0.17286	2.86E-03	4.9E-04	1.05E-03	5.16E-07	4.31E-04	2.22E-10	1.0E+06	2.2E-04	5
45	0.18582	2.86E-03	5.3E-04	1.05E-03	5.55E-07	4.31E-04	2.39E-10	1.0E+06	2.4E-04	5
46	0.19835	2.86E-03	5.7E-04	1.05E-03	5.92E-07	4.31E-04	2.55E-10	1.0E+06	2.5E-04	5
47	0.20951	2.86E-03	6.0E-04	1.05E-03	6.25E-07	4.31E-04	2.69E-10	1.0E+06	2.7E-04	5
48	0.21843	2.86E-03	6.2E-04	1.05E-03	6.52E-07	4.31E-04	2.81E-10	1.0E+06	2.8E-04	5
49	0.22449	2.86E-03	6.4E-04	1.05E-03	6.70E-07	4.31E-04	2.88E-10	1.0E+06	2.9E-04	5
50	0.22735	2.86E-03	6.5E-04	1.05E-03	6.78E-07	4.31E-04	2.92E-10	1.0E+06	2.9E-04	5
51	0.05775	2.86E-03	1.6E-04	1.05E-03	1.72E-07	4.31E-04	7.42E-11	1.0E+06	7.4E-05	5
52	0.06069	2.86E-03	1.7E-04	1.05E-03	1.81E-07	4.31E-04	7.80E-11	1.0E+06	7.8E-05	5
53	0.06179	2.86E-03	1.8E-04	1.05E-03	1.84E-07	4.31E-04	7.94E-11	1.0E+06	7.9E-05	5
54	0.08898	2.86E-03	2.5E-04	1.05E-03	2.66E-07	4.31E-04	1.14E-10	1.0E+06	1.1E-04	5
55	0.09475	2.86E-03	2.7E-04	1.05E-03	2.83E-07	4.31E-04	1.22E-10	1.0E+06	1.2E-04	5
56	0.1007	2.86E-03	2.9E-04	1.05E-03	3.01E-07	4.31E-04	1.29E-10	1.0E+06	1.3E-04	5
57	0.10667	2.86E-03	3.0E-04	1.05E-03	3.18E-07	4.31E-04	1.37E-10	1.0E+06	1.4E-04	5
58	0.1125	2.86E-03	3.2E-04	1.05E-03	3.36E-07	4.31E-04	1.45E-10	1.0E+06	1.4E-04	5
59	0.11813	2.86E-03	3.4E-04	1.05E-03	3.53E-07	4.31E-04	1.52E-10	1.0E+06	1.5E-04	5
60	0.12352	2.86E-03	3.5E-04	1.05E-03	3.69E-07	4.31E-04	1.59E-10	1.0E+06	1.6E-04	5
61	0.12872	2.86E-03	3.7E-04	1.05E-03	3.84E-07	4.31E-04	1.65E-10	1.0E+06	1.7E-04	5
62	0.13451	2.86E-03	3.8E-04	1.05E-03	4.01E-07	4.31E-04	1.73E-10	1.0E+06	1.7E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
63	0.14044	2.86E-03	4.0E-04	1.05E-03	4.19E-07	4.31E-04	1.80E-10	1.0E+06	1.8E-04	5
64	0.14701	2.86E-03	4.2E-04	1.05E-03	4.39E-07	4.31E-04	1.89E-10	1.0E+06	1.9E-04	5
65	0.15526	2.86E-03	4.4E-04	1.05E-03	4.63E-07	4.31E-04	1.99E-10	1.0E+06	2.0E-04	5
66	0.16599	2.86E-03	4.7E-04	1.05E-03	4.95E-07	4.31E-04	2.13E-10	1.0E+06	2.1E-04	5
67	0.17882	2.86E-03	5.1E-04	1.05E-03	5.34E-07	4.31E-04	2.30E-10	1.0E+06	2.3E-04	5
68	0.19378	2.86E-03	5.5E-04	1.05E-03	5.78E-07	4.31E-04	2.49E-10	1.0E+06	2.5E-04	5
69	0.20996	2.86E-03	6.0E-04	1.05E-03	6.27E-07	4.31E-04	2.70E-10	1.0E+06	2.7E-04	5
70	0.22607	2.86E-03	6.5E-04	1.05E-03	6.75E-07	4.31E-04	2.90E-10	1.0E+06	2.9E-04	5
71	0.24069	2.86E-03	6.9E-04	1.05E-03	7.18E-07	4.31E-04	3.09E-10	1.0E+06	3.1E-04	5
72	0.25251	2.86E-03	7.2E-04	1.05E-03	7.54E-07	4.31E-04	3.24E-10	1.0E+06	3.2E-04	5
73	0.26055	2.86E-03	7.4E-04	1.05E-03	7.78E-07	4.31E-04	3.35E-10	1.0E+06	3.3E-04	5
74	0.26426	2.86E-03	7.5E-04	1.05E-03	7.89E-07	4.31E-04	3.40E-10	1.0E+06	3.4E-04	5
75	0.26359	2.86E-03	7.5E-04	1.05E-03	7.87E-07	4.31E-04	3.39E-10	1.0E+06	3.4E-04	5
76	0.06214	2.86E-03	1.8E-04	1.05E-03	1.85E-07	4.31E-04	7.98E-11	1.0E+06	8.0E-05	5
77	0.06557	2.86E-03	1.9E-04	1.05E-03	1.96E-07	4.31E-04	8.42E-11	1.0E+06	8.4E-05	5
78	0.06711	2.86E-03	1.9E-04	1.05E-03	2.00E-07	4.31E-04	8.62E-11	1.0E+06	8.6E-05	5
79	0.09896	2.86E-03	2.8E-04	1.05E-03	2.95E-07	4.31E-04	1.27E-10	1.0E+06	1.3E-04	5
80	0.10608	2.86E-03	3.0E-04	1.05E-03	3.17E-07	4.31E-04	1.36E-10	1.0E+06	1.4E-04	5
81	0.11357	2.86E-03	3.2E-04	1.05E-03	3.39E-07	4.31E-04	1.46E-10	1.0E+06	1.5E-04	5
82	0.12124	2.86E-03	3.5E-04	1.05E-03	3.62E-07	4.31E-04	1.56E-10	1.0E+06	1.6E-04	5
83	0.1289	2.86E-03	3.7E-04	1.05E-03	3.85E-07	4.31E-04	1.66E-10	1.0E+06	1.7E-04	5
84	0.13637	2.86E-03	3.9E-04	1.05E-03	4.07E-07	4.31E-04	1.75E-10	1.0E+06	1.8E-04	5
85	0.14355	2.86E-03	4.1E-04	1.05E-03	4.28E-07	4.31E-04	1.84E-10	1.0E+06	1.8E-04	5
86	0.15109	2.86E-03	4.3E-04	1.05E-03	4.51E-07	4.31E-04	1.94E-10	1.0E+06	1.9E-04	5
87	0.15843	2.86E-03	4.5E-04	1.05E-03	4.73E-07	4.31E-04	2.04E-10	1.0E+06	2.0E-04	5
88	0.16585	2.86E-03	4.7E-04	1.05E-03	4.95E-07	4.31E-04	2.13E-10	1.0E+06	2.1E-04	5
89	0.17473	2.86E-03	5.0E-04	1.05E-03	5.21E-07	4.31E-04	2.24E-10	1.0E+06	2.2E-04	5
90	0.18618	2.86E-03	5.3E-04	1.05E-03	5.56E-07	4.31E-04	2.39E-10	1.0E+06	2.4E-04	5
91	0.20092	2.86E-03	5.7E-04	1.05E-03	6.00E-07	4.31E-04	2.58E-10	1.0E+06	2.6E-04	5
92	0.21869	2.86E-03	6.2E-04	1.05E-03	6.53E-07	4.31E-04	2.81E-10	1.0E+06	2.8E-04	5
93	0.2389	2.86E-03	6.8E-04	1.05E-03	7.13E-07	4.31E-04	3.07E-10	1.0E+06	3.1E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
94	0.25984	2.86E-03	7.4E-04	1.05E-03	7.75E-07	4.31E-04	3.34E-10	1.0E+06	3.3E-04	5
95	0.27937	2.86E-03	8.0E-04	1.05E-03	8.34E-07	4.31E-04	3.59E-10	1.0E+06	3.6E-04	5
96	0.29541	2.86E-03	8.4E-04	1.05E-03	8.82E-07	4.31E-04	3.80E-10	1.0E+06	3.8E-04	5
97	0.30637	2.86E-03	8.7E-04	1.05E-03	9.14E-07	4.31E-04	3.94E-10	1.0E+06	3.9E-04	5
98	0.31135	2.86E-03	8.9E-04	1.05E-03	9.29E-07	4.31E-04	4.00E-10	1.0E+06	4.0E-04	5
99	0.31025	2.86E-03	8.9E-04	1.05E-03	9.26E-07	4.31E-04	3.99E-10	1.0E+06	4.0E-04	5
100	0.30363	2.86E-03	8.7E-04	1.05E-03	9.06E-07	4.31E-04	3.90E-10	1.0E+06	3.9E-04	5
101	0.06691	2.86E-03	1.9E-04	1.05E-03	2.00E-07	4.31E-04	8.60E-11	1.0E+06	8.6E-05	5
102	0.07094	2.86E-03	2.0E-04	1.05E-03	2.12E-07	4.31E-04	9.11E-11	1.0E+06	9.1E-05	5
103	0.07309	2.86E-03	2.1E-04	1.05E-03	2.18E-07	4.31E-04	9.39E-11	1.0E+06	9.4E-05	5
104	0.11076	2.86E-03	3.2E-04	1.05E-03	3.31E-07	4.31E-04	1.42E-10	1.0E+06	1.4E-04	5
105	0.11957	2.86E-03	3.4E-04	1.05E-03	3.57E-07	4.31E-04	1.54E-10	1.0E+06	1.5E-04	5
106	0.12909	2.86E-03	3.7E-04	1.05E-03	3.85E-07	4.31E-04	1.66E-10	1.0E+06	1.7E-04	5
107	0.13909	2.86E-03	4.0E-04	1.05E-03	4.15E-07	4.31E-04	1.79E-10	1.0E+06	1.8E-04	5
108	0.14928	2.86E-03	4.3E-04	1.05E-03	4.45E-07	4.31E-04	1.92E-10	1.0E+06	1.9E-04	5
109	0.15935	2.86E-03	4.5E-04	1.05E-03	4.76E-07	4.31E-04	2.05E-10	1.0E+06	2.0E-04	5
110	0.1693	2.86E-03	4.8E-04	1.05E-03	5.05E-07	4.31E-04	2.18E-10	1.0E+06	2.2E-04	5
111	0.17986	2.86E-03	5.1E-04	1.05E-03	5.37E-07	4.31E-04	2.31E-10	1.0E+06	2.3E-04	5
112	0.1892	2.86E-03	5.4E-04	1.05E-03	5.65E-07	4.31E-04	2.43E-10	1.0E+06	2.4E-04	5
113	0.19933	2.86E-03	5.7E-04	1.05E-03	5.95E-07	4.31E-04	2.56E-10	1.0E+06	2.6E-04	5
114	0.21171	2.86E-03	6.0E-04	1.05E-03	6.32E-07	4.31E-04	2.72E-10	1.0E+06	2.7E-04	5
115	0.22796	2.86E-03	6.5E-04	1.05E-03	6.80E-07	4.31E-04	2.93E-10	1.0E+06	2.9E-04	5
116	0.24876	2.86E-03	7.1E-04	1.05E-03	7.42E-07	4.31E-04	3.20E-10	1.0E+06	3.2E-04	5
117	0.2739	2.86E-03	7.8E-04	1.05E-03	8.17E-07	4.31E-04	3.52E-10	1.0E+06	3.5E-04	5
118	0.30136	2.86E-03	8.6E-04	1.05E-03	8.99E-07	4.31E-04	3.87E-10	1.0E+06	3.9E-04	5
119	0.32796	2.86E-03	9.4E-04	1.05E-03	9.79E-07	4.31E-04	4.21E-10	1.0E+06	4.2E-04	5
120	0.35034	2.86E-03	1.0E-03	1.05E-03	1.05E-06	4.31E-04	4.50E-10	1.0E+06	4.5E-04	5
121	0.36576	2.86E-03	1.0E-03	1.05E-03	1.09E-06	4.31E-04	4.70E-10	1.0E+06	4.7E-04	5
122	0.37269	2.86E-03	1.1E-03	1.05E-03	1.11E-06	4.31E-04	4.79E-10	1.0E+06	4.8E-04	5
123	0.37095	2.86E-03	1.1E-03	1.05E-03	1.11E-06	4.31E-04	4.77E-10	1.0E+06	4.8E-04	5
124	0.36143	2.86E-03	1.0E-03	1.05E-03	1.08E-06	4.31E-04	4.64E-10	1.0E+06	4.6E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
125	0.07203	2.86E-03	2.1E-04	1.05E-03	2.15E-07	4.31E-04	9.25E-11	1.0E+06	9.3E-05	5
126	0.07676	2.86E-03	2.2E-04	1.05E-03	2.29E-07	4.31E-04	9.86E-11	1.0E+06	9.9E-05	5
127	0.07968	2.86E-03	2.3E-04	1.05E-03	2.38E-07	4.31E-04	1.02E-10	1.0E+06	1.0E-04	5
128	0.13585	2.86E-03	3.9E-04	1.05E-03	4.05E-07	4.31E-04	1.75E-10	1.0E+06	1.7E-04	5
129	0.14802	2.86E-03	4.2E-04	1.05E-03	4.42E-07	4.31E-04	1.90E-10	1.0E+06	1.9E-04	5
130	0.16122	2.86E-03	4.6E-04	1.05E-03	4.81E-07	4.31E-04	2.07E-10	1.0E+06	2.1E-04	5
131	0.17498	2.86E-03	5.0E-04	1.05E-03	5.22E-07	4.31E-04	2.25E-10	1.0E+06	2.2E-04	5
132	0.18887	2.86E-03	5.4E-04	1.05E-03	5.64E-07	4.31E-04	2.43E-10	1.0E+06	2.4E-04	5
133	0.20333	2.86E-03	5.8E-04	1.05E-03	6.07E-07	4.31E-04	2.61E-10	1.0E+06	2.6E-04	5
134	0.21732	2.86E-03	6.2E-04	1.05E-03	6.49E-07	4.31E-04	2.79E-10	1.0E+06	2.8E-04	5
135	0.23036	2.86E-03	6.6E-04	1.05E-03	6.87E-07	4.31E-04	2.96E-10	1.0E+06	3.0E-04	5
136	0.24464	2.86E-03	7.0E-04	1.05E-03	7.30E-07	4.31E-04	3.14E-10	1.0E+06	3.1E-04	5
137	0.26251	2.86E-03	7.5E-04	1.05E-03	7.83E-07	4.31E-04	3.37E-10	1.0E+06	3.4E-04	5
138	0.28652	2.86E-03	8.2E-04	1.05E-03	8.55E-07	4.31E-04	3.68E-10	1.0E+06	3.7E-04	5
139	0.31673	2.86E-03	9.0E-04	1.05E-03	9.45E-07	4.31E-04	4.07E-10	1.0E+06	4.1E-04	5
140	0.35267	2.86E-03	1.0E-03	1.05E-03	1.05E-06	4.31E-04	4.53E-10	1.0E+06	4.5E-04	5
141	0.38962	2.86E-03	1.1E-03	1.05E-03	1.16E-06	4.31E-04	5.01E-10	1.0E+06	5.0E-04	5
142	0.42186	2.86E-03	1.2E-03	1.05E-03	1.26E-06	4.31E-04	5.42E-10	1.0E+06	5.4E-04	5
143	0.44449	2.86E-03	1.3E-03	1.05E-03	1.33E-06	4.31E-04	5.71E-10	1.0E+06	5.7E-04	5
144	0.45461	2.86E-03	1.3E-03	1.05E-03	1.36E-06	4.31E-04	5.84E-10	1.0E+06	5.8E-04	5
145	0.45187	2.86E-03	1.3E-03	1.05E-03	1.35E-06	4.31E-04	5.81E-10	1.0E+06	5.8E-04	5
146	0.43784	2.86E-03	1.3E-03	1.05E-03	1.31E-06	4.31E-04	5.63E-10	1.0E+06	5.6E-04	5
147	0.0775	2.86E-03	2.2E-04	1.05E-03	2.31E-07	4.31E-04	9.96E-11	1.0E+06	1.0E-04	5
148	0.08306	2.86E-03	2.4E-04	1.05E-03	2.48E-07	4.31E-04	1.07E-10	1.0E+06	1.1E-04	5
149	0.08711	2.86E-03	2.5E-04	1.05E-03	2.60E-07	4.31E-04	1.12E-10	1.0E+06	1.1E-04	5
150	0.15569	2.86E-03	4.4E-04	1.05E-03	4.65E-07	4.31E-04	2.00E-10	1.0E+06	2.0E-04	5
151	0.17139	2.86E-03	4.9E-04	1.05E-03	5.11E-07	4.31E-04	2.20E-10	1.0E+06	2.2E-04	5
152	0.18896	2.86E-03	5.4E-04	1.05E-03	5.64E-07	4.31E-04	2.43E-10	1.0E+06	2.4E-04	5
153	0.20792	2.86E-03	5.9E-04	1.05E-03	6.20E-07	4.31E-04	2.67E-10	1.0E+06	2.7E-04	5
154	0.22756	2.86E-03	6.5E-04	1.05E-03	6.79E-07	4.31E-04	2.92E-10	1.0E+06	2.9E-04	5
155	0.24923	2.86E-03	7.1E-04	1.05E-03	7.44E-07	4.31E-04	3.20E-10	1.0E+06	3.2E-04	5



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
156	0.26833	2.86E-03	7.7E-04	1.05E-03	8.01E-07	4.31E-04	3.45E-10	1.0E+06	3.4E-04	5
157	0.28718	2.86E-03	8.2E-04	1.05E-03	8.57E-07	4.31E-04	3.69E-10	1.0E+06	3.7E-04	5
158	0.30812	2.86E-03	8.8E-04	1.05E-03	9.19E-07	4.31E-04	3.96E-10	1.0E+06	4.0E-04	5
159	0.33509	2.86E-03	9.6E-04	1.05E-03	1.00E-06	4.31E-04	4.31E-10	1.0E+06	4.3E-04	5
160	0.37142	2.86E-03	1.1E-03	1.05E-03	1.11E-06	4.31E-04	4.77E-10	1.0E+06	4.8E-04	5
161	0.41724	2.86E-03	1.2E-03	1.05E-03	1.25E-06	4.31E-04	5.36E-10	1.0E+06	5.4E-04	5
162	0.46899	2.86E-03	1.3E-03	1.05E-03	1.40E-06	4.31E-04	6.03E-10	1.0E+06	6.0E-04	5
163	0.51672	2.86E-03	1.5E-03	1.05E-03	1.54E-06	4.31E-04	6.64E-10	1.0E+06	6.6E-04	5
164	0.55143	2.86E-03	1.6E-03	1.05E-03	1.65E-06	4.31E-04	7.08E-10	1.0E+06	7.1E-04	5
165	0.56716	2.86E-03	1.6E-03	1.05E-03	1.69E-06	4.31E-04	7.29E-10	1.0E+06	7.3E-04	5
166	0.56297	2.86E-03	1.6E-03	1.05E-03	1.68E-06	4.31E-04	7.23E-10	1.0E+06	7.2E-04	5
167	0.54164	2.86E-03	1.5E-03	1.05E-03	1.62E-06	4.31E-04	6.96E-10	1.0E+06	7.0E-04	5
168	0.50795	2.86E-03	1.5E-03	1.05E-03	1.52E-06	4.31E-04	6.53E-10	1.0E+06	6.5E-04	5
169	0.08327	2.86E-03	2.4E-04	1.05E-03	2.48E-07	4.31E-04	1.07E-10	1.0E+06	1.1E-04	5
170	0.08978	2.86E-03	2.6E-04	1.05E-03	2.68E-07	4.31E-04	1.15E-10	1.0E+06	1.2E-04	5
171	0.09539	2.86E-03	2.7E-04	1.05E-03	2.85E-07	4.31E-04	1.23E-10	1.0E+06	1.2E-04	5
172	0.101	2.86E-03	2.9E-04	1.05E-03	3.01E-07	4.31E-04	1.30E-10	1.0E+06	1.3E-04	5
173	0.18007	2.86E-03	5.1E-04	1.05E-03	5.37E-07	4.31E-04	2.31E-10	1.0E+06	2.3E-04	5
174	0.2007	2.86E-03	5.7E-04	1.05E-03	5.99E-07	4.31E-04	2.58E-10	1.0E+06	2.6E-04	5
175	0.22446	2.86E-03	6.4E-04	1.05E-03	6.70E-07	4.31E-04	2.88E-10	1.0E+06	2.9E-04	5
176	0.25098	2.86E-03	7.2E-04	1.05E-03	7.49E-07	4.31E-04	3.22E-10	1.0E+06	3.2E-04	5
177	0.28023	2.86E-03	8.0E-04	1.05E-03	8.36E-07	4.31E-04	3.60E-10	1.0E+06	3.6E-04	5
178	0.31153	2.86E-03	8.9E-04	1.05E-03	9.30E-07	4.31E-04	4.00E-10	1.0E+06	4.0E-04	5
179	0.34024	2.86E-03	9.7E-04	1.05E-03	1.02E-06	4.31E-04	4.37E-10	1.0E+06	4.4E-04	5
180	0.36889	2.86E-03	1.1E-03	1.05E-03	1.10E-06	4.31E-04	4.74E-10	1.0E+06	4.7E-04	5
181	0.40084	2.86E-03	1.1E-03	1.05E-03	1.20E-06	4.31E-04	5.15E-10	1.0E+06	5.1E-04	5
182	0.44342	2.86E-03	1.3E-03	1.05E-03	1.32E-06	4.31E-04	5.70E-10	1.0E+06	5.7E-04	5
183	0.72103	2.86E-03	2.1E-03	1.05E-03	2.15E-06	4.31E-04	9.26E-10	1.0E+06	9.3E-04	5
184	0.68738	2.86E-03	2.0E-03	1.05E-03	2.05E-06	4.31E-04	8.83E-10	1.0E+06	8.8E-04	5
185	0.09685	2.86E-03	2.8E-04	1.05E-03	2.89E-07	4.31E-04	1.24E-10	1.0E+06	1.2E-04	5
186	0.1042	2.86E-03	3.0E-04	1.05E-03	3.11E-07	4.31E-04	1.34E-10	1.0E+06	1.3E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
187	0.11095	2.86E-03	3.2E-04	1.05E-03	3.31E-07	4.31E-04	1.43E-10	1.0E+06	1.4E-04	5
188	0.21003	2.86E-03	6.0E-04	1.05E-03	6.27E-07	4.31E-04	2.70E-10	1.0E+06	2.7E-04	5
189	0.2377	2.86E-03	6.8E-04	1.05E-03	7.09E-07	4.31E-04	3.05E-10	1.0E+06	3.1E-04	5
190	0.27045	2.86E-03	7.7E-04	1.05E-03	8.07E-07	4.31E-04	3.47E-10	1.0E+06	3.5E-04	5
191	0.3086	2.86E-03	8.8E-04	1.05E-03	9.21E-07	4.31E-04	3.96E-10	1.0E+06	4.0E-04	5
192	0.35402	2.86E-03	1.0E-03	1.05E-03	1.06E-06	4.31E-04	4.55E-10	1.0E+06	4.5E-04	5
193	0.40037	2.86E-03	1.1E-03	1.05E-03	1.19E-06	4.31E-04	5.14E-10	1.0E+06	5.1E-04	5
194	0.44613	2.86E-03	1.3E-03	1.05E-03	1.33E-06	4.31E-04	5.73E-10	1.0E+06	5.7E-04	5
195	0.49166	2.86E-03	1.4E-03	1.05E-03	1.47E-06	4.31E-04	6.32E-10	1.0E+06	6.3E-04	5
196	0.54332	2.86E-03	1.6E-03	1.05E-03	1.62E-06	4.31E-04	6.98E-10	1.0E+06	7.0E-04	5
197	0.61568	2.86E-03	1.8E-03	1.05E-03	1.84E-06	4.31E-04	7.91E-10	1.0E+06	7.9E-04	5
198	0.11257	2.86E-03	3.2E-04	1.05E-03	3.36E-07	4.31E-04	1.45E-10	1.0E+06	1.4E-04	5
199	0.12228	2.86E-03	3.5E-04	1.05E-03	3.65E-07	4.31E-04	1.57E-10	1.0E+06	1.6E-04	5
200	0.12166	2.86E-03	3.5E-04	1.05E-03	3.63E-07	4.31E-04	1.56E-10	1.0E+06	1.6E-04	5
201	0.134	2.86E-03	3.8E-04	1.05E-03	4.00E-07	4.31E-04	1.72E-10	1.0E+06	1.7E-04	5
202	0.14598	2.86E-03	4.2E-04	1.05E-03	4.36E-07	4.31E-04	1.88E-10	1.0E+06	1.9E-04	5
203	0.14536	2.86E-03	4.2E-04	1.05E-03	4.34E-07	4.31E-04	1.87E-10	1.0E+06	1.9E-04	5
204	0.16243	2.86E-03	4.6E-04	1.05E-03	4.85E-07	4.31E-04	2.09E-10	1.0E+06	2.1E-04	5
205	0.18084	2.86E-03	5.2E-04	1.05E-03	5.40E-07	4.31E-04	2.32E-10	1.0E+06	2.3E-04	5
206	0.17788	2.86E-03	5.1E-04	1.05E-03	5.31E-07	4.31E-04	2.29E-10	1.0E+06	2.3E-04	5
207	0.20118	2.86E-03	5.7E-04	1.05E-03	6.00E-07	4.31E-04	2.58E-10	1.0E+06	2.6E-04	5
208	0.22957	2.86E-03	6.6E-04	1.05E-03	6.85E-07	4.31E-04	2.95E-10	1.0E+06	2.9E-04	5
209	0.19387	2.86E-03	5.5E-04	1.05E-03	5.79E-07	4.31E-04	2.49E-10	1.0E+06	2.5E-04	5
210	0.22353	2.86E-03	6.4E-04	1.05E-03	6.67E-07	4.31E-04	2.87E-10	1.0E+06	2.9E-04	5
211	0.2572	2.86E-03	7.3E-04	1.05E-03	7.68E-07	4.31E-04	3.30E-10	1.0E+06	3.3E-04	5
212	0.24661	2.86E-03	7.0E-04	1.05E-03	7.36E-07	4.31E-04	3.17E-10	1.0E+06	3.2E-04	5
213	0.2908	2.86E-03	8.3E-04	1.05E-03	8.68E-07	4.31E-04	3.74E-10	1.0E+06	3.7E-04	5
214	0.342	2.86E-03	9.8E-04	1.05E-03	1.02E-06	4.31E-04	4.39E-10	1.0E+06	4.4E-04	5
215	0.27262	2.86E-03	7.8E-04	1.05E-03	8.14E-07	4.31E-04	3.50E-10	1.0E+06	3.5E-04	5
216	0.32481	2.86E-03	9.3E-04	1.05E-03	9.69E-07	4.31E-04	4.17E-10	1.0E+06	4.2E-04	5
217	0.38704	2.86E-03	1.1E-03	1.05E-03	1.15E-06	4.31E-04	4.97E-10	1.0E+06	5.0E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
218	0.4366	2.86E-03	1.2E-03	1.05E-03	1.30E-06	4.31E-04	5.61E-10	1.0E+06	5.6E-04	5
219	0.54343	2.86E-03	1.6E-03	1.05E-03	1.62E-06	4.31E-04	6.98E-10	1.0E+06	7.0E-04	5
220	0.48308	2.86E-03	1.4E-03	1.05E-03	1.44E-06	4.31E-04	6.21E-10	1.0E+06	6.2E-04	5
221	0.59628	2.86E-03	1.7E-03	1.05E-03	1.78E-06	4.31E-04	7.66E-10	1.0E+06	7.7E-04	5
222	0.5122	2.86E-03	1.5E-03	1.05E-03	1.53E-06	4.31E-04	6.58E-10	1.0E+06	6.6E-04	5
223	0.62509	2.86E-03	1.8E-03	1.05E-03	1.87E-06	4.31E-04	8.03E-10	1.0E+06	8.0E-04	5
224	0.78451	2.86E-03	2.2E-03	1.05E-03	2.34E-06	4.31E-04	1.01E-09	1.0E+06	1.0E-03	5
225	0.62003	2.86E-03	1.8E-03	1.05E-03	1.85E-06	4.31E-04	7.97E-10	1.0E+06	8.0E-04	5
226	0.74907	2.86E-03	2.1E-03	1.05E-03	2.24E-06	4.31E-04	9.62E-10	1.0E+06	9.6E-04	5
227	0.21104	2.86E-03	6.0E-04	1.05E-03	6.30E-07	4.31E-04	2.71E-10	1.0E+06	2.7E-04	5
228	0.18305	2.86E-03	5.2E-04	1.05E-03	5.46E-07	4.31E-04	2.35E-10	1.0E+06	2.4E-04	5
229	0.1602	2.86E-03	4.6E-04	1.05E-03	4.78E-07	4.31E-04	2.06E-10	1.0E+06	2.1E-04	5
230	0.14135	2.86E-03	4.0E-04	1.05E-03	4.22E-07	4.31E-04	1.82E-10	1.0E+06	1.8E-04	5
231	0.18641	2.86E-03	5.3E-04	1.05E-03	5.56E-07	4.31E-04	2.39E-10	1.0E+06	2.4E-04	5
232	0.16359	2.86E-03	4.7E-04	1.05E-03	4.88E-07	4.31E-04	2.10E-10	1.0E+06	2.1E-04	5
233	0.14463	2.86E-03	4.1E-04	1.05E-03	4.32E-07	4.31E-04	1.86E-10	1.0E+06	1.9E-04	5
234	0.12874	2.86E-03	3.7E-04	1.05E-03	3.84E-07	4.31E-04	1.65E-10	1.0E+06	1.7E-04	5
235	0.16533	2.86E-03	4.7E-04	1.05E-03	4.93E-07	4.31E-04	2.12E-10	1.0E+06	2.1E-04	5
236	0.14669	2.86E-03	4.2E-04	1.05E-03	4.38E-07	4.31E-04	1.88E-10	1.0E+06	1.9E-04	5
237	0.13092	2.86E-03	3.7E-04	1.05E-03	3.91E-07	4.31E-04	1.68E-10	1.0E+06	1.7E-04	5
238	0.1175	2.86E-03	3.4E-04	1.05E-03	3.51E-07	4.31E-04	1.51E-10	1.0E+06	1.5E-04	5
239	2.51686	2.86E-03	7.2E-03	1.05E-03	7.51E-06	4.31E-04	3.23E-09	1.0E+06	3.2E-03	5
240	2.17208	2.86E-03	6.2E-03	1.05E-03	6.48E-06	4.31E-04	2.79E-09	1.0E+06	2.8E-03	5
241	1.85713	2.86E-03	5.3E-03	1.05E-03	5.54E-06	4.31E-04	2.39E-09	1.0E+06	2.4E-03	5
242	1.5835	2.86E-03	4.5E-03	1.05E-03	4.73E-06	4.31E-04	2.03E-09	1.0E+06	2.0E-03	5
243	1.89909	2.86E-03	5.4E-03	1.05E-03	5.67E-06	4.31E-04	2.44E-09	1.0E+06	2.4E-03	5
244	1.67798	2.86E-03	4.8E-03	1.05E-03	5.01E-06	4.31E-04	2.16E-09	1.0E+06	2.2E-03	5
245	1.47024	2.86E-03	4.2E-03	1.05E-03	4.39E-06	4.31E-04	1.89E-09	1.0E+06	1.9E-03	5
246	1.28327	2.86E-03	3.7E-03	1.05E-03	3.83E-06	4.31E-04	1.65E-09	1.0E+06	1.6E-03	5
247	1.48354	2.86E-03	4.2E-03	1.05E-03	4.43E-06	4.31E-04	1.91E-09	1.0E+06	1.9E-03	5
248	1.33362	2.86E-03	3.8E-03	1.05E-03	3.98E-06	4.31E-04	1.71E-09	1.0E+06	1.7E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
249	1.19011	2.86E-03	3.4E-03	1.05E-03	3.55E-06	4.31E-04	1.53E-09	1.0E+06	1.5E-03	5
250	1.05753	2.86E-03	3.0E-03	1.05E-03	3.16E-06	4.31E-04	1.36E-09	1.0E+06	1.4E-03	5
251	0.47564	2.86E-03	1.4E-03	1.05E-03	1.42E-06	4.31E-04	6.11E-10	1.0E+06	6.1E-04	5
252	0.43899	2.86E-03	1.3E-03	1.05E-03	1.31E-06	4.31E-04	5.64E-10	1.0E+06	5.6E-04	5
253	0.51985	2.86E-03	1.5E-03	1.05E-03	1.55E-06	4.31E-04	6.68E-10	1.0E+06	6.7E-04	5
254	0.4854	2.86E-03	1.4E-03	1.05E-03	1.45E-06	4.31E-04	6.24E-10	1.0E+06	6.2E-04	5
255	0.42116	2.86E-03	1.2E-03	1.05E-03	1.26E-06	4.31E-04	5.41E-10	1.0E+06	5.4E-04	5
256	0.39142	2.86E-03	1.1E-03	1.05E-03	1.17E-06	4.31E-04	5.03E-10	1.0E+06	5.0E-04	5
257	0.31285	2.86E-03	8.9E-04	1.05E-03	9.34E-07	4.31E-04	4.02E-10	1.0E+06	4.0E-04	5
258	0.45517	2.86E-03	1.3E-03	1.05E-03	1.36E-06	4.31E-04	5.85E-10	1.0E+06	5.8E-04	5
259	0.42735	2.86E-03	1.2E-03	1.05E-03	1.28E-06	4.31E-04	5.49E-10	1.0E+06	5.5E-04	5
260	0.40062	2.86E-03	1.1E-03	1.05E-03	1.20E-06	4.31E-04	5.15E-10	1.0E+06	5.1E-04	5
261	0.37513	2.86E-03	1.1E-03	1.05E-03	1.12E-06	4.31E-04	4.82E-10	1.0E+06	4.8E-04	5
262	0.35079	2.86E-03	1.0E-03	1.05E-03	1.05E-06	4.31E-04	4.51E-10	1.0E+06	4.5E-04	5
263	0.28528	2.86E-03	8.1E-04	1.05E-03	8.51E-07	4.31E-04	3.67E-10	1.0E+06	3.7E-04	5
264	0.37888	2.86E-03	1.1E-03	1.05E-03	1.13E-06	4.31E-04	4.87E-10	1.0E+06	4.9E-04	5
265	0.357	2.86E-03	1.0E-03	1.05E-03	1.07E-06	4.31E-04	4.59E-10	1.0E+06	4.6E-04	5
266	0.33601	2.86E-03	9.6E-04	1.05E-03	1.00E-06	4.31E-04	4.32E-10	1.0E+06	4.3E-04	5
267	0.31586	2.86E-03	9.0E-04	1.05E-03	9.43E-07	4.31E-04	4.06E-10	1.0E+06	4.1E-04	5
268	0.26098	2.86E-03	7.5E-04	1.05E-03	7.79E-07	4.31E-04	3.35E-10	1.0E+06	3.4E-04	5
269	0.49262	2.86E-03	1.4E-03	1.05E-03	1.47E-06	4.31E-04	6.33E-10	1.0E+06	6.3E-04	5
270	0.39972	2.86E-03	1.1E-03	1.05E-03	1.19E-06	4.31E-04	5.14E-10	1.0E+06	5.1E-04	5
271	0.32977	2.86E-03	9.4E-04	1.05E-03	9.84E-07	4.31E-04	4.24E-10	1.0E+06	4.2E-04	5
272	0.27615	2.86E-03	7.9E-04	1.05E-03	8.24E-07	4.31E-04	3.55E-10	1.0E+06	3.5E-04	5
273	0.23437	2.86E-03	6.7E-04	1.05E-03	6.99E-07	4.31E-04	3.01E-10	1.0E+06	3.0E-04	5
274	0.20135	2.86E-03	5.7E-04	1.05E-03	6.01E-07	4.31E-04	2.59E-10	1.0E+06	2.6E-04	5
275	0.17486	2.86E-03	5.0E-04	1.05E-03	5.22E-07	4.31E-04	2.25E-10	1.0E+06	2.2E-04	5
276	0.43643	2.86E-03	1.2E-03	1.05E-03	1.30E-06	4.31E-04	5.61E-10	1.0E+06	5.6E-04	5
277	0.35491	2.86E-03	1.0E-03	1.05E-03	1.06E-06	4.31E-04	4.56E-10	1.0E+06	4.6E-04	5
278	0.29392	2.86E-03	8.4E-04	1.05E-03	8.77E-07	4.31E-04	3.78E-10	1.0E+06	3.8E-04	5
279	0.24725	2.86E-03	7.1E-04	1.05E-03	7.38E-07	4.31E-04	3.18E-10	1.0E+06	3.2E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
280	0.21091	2.86E-03	6.0E-04	1.05E-03	6.29E-07	4.31E-04	2.71E-10	1.0E+06	2.7E-04	5
281	0.18212	2.86E-03	5.2E-04	1.05E-03	5.43E-07	4.31E-04	2.34E-10	1.0E+06	2.3E-04	5
282	0.15895	2.86E-03	4.5E-04	1.05E-03	4.74E-07	4.31E-04	2.04E-10	1.0E+06	2.0E-04	5
283	0.37876	2.86E-03	1.1E-03	1.05E-03	1.13E-06	4.31E-04	4.87E-10	1.0E+06	4.9E-04	5
284	0.31071	2.86E-03	8.9E-04	1.05E-03	9.27E-07	4.31E-04	3.99E-10	1.0E+06	4.0E-04	5
285	0.25949	2.86E-03	7.4E-04	1.05E-03	7.74E-07	4.31E-04	3.33E-10	1.0E+06	3.3E-04	5
286	0.22003	2.86E-03	6.3E-04	1.05E-03	6.57E-07	4.31E-04	2.83E-10	1.0E+06	2.8E-04	5
287	0.18907	2.86E-03	5.4E-04	1.05E-03	5.64E-07	4.31E-04	2.43E-10	1.0E+06	2.4E-04	5
288	0.16436	2.86E-03	4.7E-04	1.05E-03	4.90E-07	4.31E-04	2.11E-10	1.0E+06	2.1E-04	5
289	0.14434	2.86E-03	4.1E-04	1.05E-03	4.31E-07	4.31E-04	1.85E-10	1.0E+06	1.9E-04	5
290	0.32669	2.86E-03	9.3E-04	1.05E-03	9.75E-07	4.31E-04	4.20E-10	1.0E+06	4.2E-04	5
291	0.27126	2.86E-03	7.7E-04	1.05E-03	8.09E-07	4.31E-04	3.49E-10	1.0E+06	3.5E-04	5
292	0.22894	2.86E-03	6.5E-04	1.05E-03	6.83E-07	4.31E-04	2.94E-10	1.0E+06	2.9E-04	5
293	0.19595	2.86E-03	5.6E-04	1.05E-03	5.85E-07	4.31E-04	2.52E-10	1.0E+06	2.5E-04	5
294	0.16976	2.86E-03	4.8E-04	1.05E-03	5.07E-07	4.31E-04	2.18E-10	1.0E+06	2.2E-04	5
295	0.14866	2.86E-03	4.2E-04	1.05E-03	4.44E-07	4.31E-04	1.91E-10	1.0E+06	1.9E-04	5
296	0.13141	2.86E-03	3.8E-04	1.05E-03	3.92E-07	4.31E-04	1.69E-10	1.0E+06	1.7E-04	5
297	0.28329	2.86E-03	8.1E-04	1.05E-03	8.45E-07	4.31E-04	3.64E-10	1.0E+06	3.6E-04	5
298	0.23817	2.86E-03	6.8E-04	1.05E-03	7.11E-07	4.31E-04	3.06E-10	1.0E+06	3.1E-04	5
299	0.20316	2.86E-03	5.8E-04	1.05E-03	6.06E-07	4.31E-04	2.61E-10	1.0E+06	2.6E-04	5
300	0.1755	2.86E-03	5.0E-04	1.05E-03	5.24E-07	4.31E-04	2.25E-10	1.0E+06	2.3E-04	5
301	0.15327	2.86E-03	4.4E-04	1.05E-03	4.57E-07	4.31E-04	1.97E-10	1.0E+06	2.0E-04	5
302	0.13517	2.86E-03	3.9E-04	1.05E-03	4.03E-07	4.31E-04	1.74E-10	1.0E+06	1.7E-04	5
303	0.12022	2.86E-03	3.4E-04	1.05E-03	3.59E-07	4.31E-04	1.54E-10	1.0E+06	1.5E-04	5
304	0.2481	2.86E-03	7.1E-04	1.05E-03	7.40E-07	4.31E-04	3.19E-10	1.0E+06	3.2E-04	5
305	0.21102	2.86E-03	6.0E-04	1.05E-03	6.30E-07	4.31E-04	2.71E-10	1.0E+06	2.7E-04	5
306	0.1818	2.86E-03	5.2E-04	1.05E-03	5.43E-07	4.31E-04	2.34E-10	1.0E+06	2.3E-04	5
307	0.15838	2.86E-03	4.5E-04	1.05E-03	4.73E-07	4.31E-04	2.03E-10	1.0E+06	2.0E-04	5
308	0.13935	2.86E-03	4.0E-04	1.05E-03	4.16E-07	4.31E-04	1.79E-10	1.0E+06	1.8E-04	5
309	0.12369	2.86E-03	3.5E-04	1.05E-03	3.69E-07	4.31E-04	1.59E-10	1.0E+06	1.6E-04	5
310	0.11065	2.86E-03	3.2E-04	1.05E-03	3.30E-07	4.31E-04	1.42E-10	1.0E+06	1.4E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			Risk/ Million	REL
				Constant	Dose	Risk Constant	Risk	Constant 2		
311	0.2195	2.86E-03	6.3E-04	1.05E-03	6.55E-07	4.31E-04	2.82E-10	1.0E+06	2.8E-04	5
312	0.18865	2.86E-03	5.4E-04	1.05E-03	5.63E-07	4.31E-04	2.42E-10	1.0E+06	2.4E-04	5
313	0.164	2.86E-03	4.7E-04	1.05E-03	4.89E-07	4.31E-04	2.11E-10	1.0E+06	2.1E-04	5
314	0.14399	2.86E-03	4.1E-04	1.05E-03	4.30E-07	4.31E-04	1.85E-10	1.0E+06	1.8E-04	5
315	0.12755	2.86E-03	3.6E-04	1.05E-03	3.81E-07	4.31E-04	1.64E-10	1.0E+06	1.6E-04	5
316	0.11388	2.86E-03	3.3E-04	1.05E-03	3.40E-07	4.31E-04	1.46E-10	1.0E+06	1.5E-04	5
317	0.10241	2.86E-03	2.9E-04	1.05E-03	3.06E-07	4.31E-04	1.32E-10	1.0E+06	1.3E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk**

**Chronic Non Cancer Risk**

Receptor #	HI
1	2.86E-05
2	2.99E-05
3	3.03E-05
4	4.17E-05
5	4.39E-05
6	4.61E-05
7	4.82E-05
8	5.03E-05
9	5.22E-05
10	5.41E-05
11	5.59E-05
12	5.77E-05
13	5.99E-05
14	6.22E-05
15	6.48E-05
16	6.82E-05
17	7.24E-05
18	7.72E-05
19	8.27E-05
20	8.86E-05
21	9.45E-05
22	1.00E-04
23	1.05E-04
24	1.09E-04
25	1.12E-04
26	3.07E-05
27	3.21E-05
28	3.26E-05
29	4.59E-05
30	4.86E-05
31	5.13E-05

Max	Receptor #
0.001	239

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
32	5.40E-05
33	5.66E-05
34	5.91E-05
35	6.14E-05
36	6.37E-05
37	6.62E-05
38	6.89E-05
39	7.18E-05
40	7.53E-05
41	7.98E-05
42	8.52E-05
43	9.16E-05
44	9.87E-05
45	1.06E-04
46	1.13E-04
47	1.20E-04
48	1.25E-04
49	1.28E-04
50	1.30E-04
51	3.30E-05
52	3.47E-05
53	3.53E-05
54	5.08E-05
55	5.41E-05
56	5.75E-05
57	6.09E-05
58	6.42E-05
59	6.75E-05
60	7.05E-05
61	7.35E-05
62	7.68E-05



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
63	8.02E-05
64	8.39E-05
65	8.87E-05
66	9.48E-05
67	1.02E-04
68	1.11E-04
69	1.20E-04
70	1.29E-04
71	1.37E-04
72	1.44E-04
73	1.49E-04
74	1.51E-04
75	1.51E-04
76	3.55E-05
77	3.74E-05
78	3.83E-05
79	5.65E-05
80	6.06E-05
81	6.49E-05
82	6.92E-05
83	7.36E-05
84	7.79E-05
85	8.20E-05
86	8.63E-05
87	9.05E-05
88	9.47E-05
89	9.98E-05
90	1.06E-04
91	1.15E-04
92	1.25E-04
93	1.36E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
94	1.48E-04
95	1.60E-04
96	1.69E-04
97	1.75E-04
98	1.78E-04
99	1.77E-04
100	1.73E-04
101	3.82E-05
102	4.05E-05
103	4.17E-05
104	6.32E-05
105	6.83E-05
106	7.37E-05
107	7.94E-05
108	8.52E-05
109	9.10E-05
110	9.67E-05
111	1.03E-04
112	1.08E-04
113	1.14E-04
114	1.21E-04
115	1.30E-04
116	1.42E-04
117	1.56E-04
118	1.72E-04
119	1.87E-04
120	2.00E-04
121	2.09E-04
122	2.13E-04
123	2.12E-04
124	2.06E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
125	4.11E-05
126	4.38E-05
127	4.55E-05
128	7.76E-05
129	8.45E-05
130	9.21E-05
131	9.99E-05
132	1.08E-04
133	1.16E-04
134	1.24E-04
135	1.32E-04
136	1.40E-04
137	1.50E-04
138	1.64E-04
139	1.81E-04
140	2.01E-04
141	2.22E-04
142	2.41E-04
143	2.54E-04
144	2.60E-04
145	2.58E-04
146	2.50E-04
147	4.43E-05
148	4.74E-05
149	4.97E-05
150	8.89E-05
151	9.79E-05
152	1.08E-04
153	1.19E-04
154	1.30E-04
155	1.42E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
156	1.53E-04
157	1.64E-04
158	1.76E-04
159	1.91E-04
160	2.12E-04
161	2.38E-04
162	2.68E-04
163	2.95E-04
164	3.15E-04
165	3.24E-04
166	3.21E-04
167	3.09E-04
168	2.90E-04
169	4.75E-05
170	5.13E-05
171	5.45E-05
172	5.77E-05
173	1.03E-04
174	1.15E-04
175	1.28E-04
176	1.43E-04
177	1.60E-04
178	1.78E-04
179	1.94E-04
180	2.11E-04
181	2.29E-04
182	2.53E-04
183	4.12E-04
184	3.93E-04
185	5.53E-05
186	5.95E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
187	6.34E-05
188	1.20E-04
189	1.36E-04
190	1.54E-04
191	1.76E-04
192	2.02E-04
193	2.29E-04
194	2.55E-04
195	2.81E-04
196	3.10E-04
197	3.52E-04
198	6.43E-05
199	6.98E-05
200	6.95E-05
201	7.65E-05
202	8.34E-05
203	8.30E-05
204	9.28E-05
205	1.03E-04
206	1.02E-04
207	1.15E-04
208	1.31E-04
209	1.11E-04
210	1.28E-04
211	1.47E-04
212	1.41E-04
213	1.66E-04
214	1.95E-04
215	1.56E-04
216	1.85E-04
217	2.21E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
218	2.49E-04
219	3.10E-04
220	2.76E-04
221	3.40E-04
222	2.92E-04
223	3.57E-04
224	4.48E-04
225	3.54E-04
226	4.28E-04
227	1.21E-04
228	1.05E-04
229	9.15E-05
230	8.07E-05
231	1.06E-04
232	9.34E-05
233	8.26E-05
234	7.35E-05
235	9.44E-05
236	8.38E-05
237	7.48E-05
238	6.71E-05
239	1.44E-03
240	1.24E-03
241	1.06E-03
242	9.04E-04
243	1.08E-03
244	9.58E-04
245	8.40E-04
246	7.33E-04
247	8.47E-04
248	7.62E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
249	6.80E-04
250	6.04E-04
251	2.72E-04
252	2.51E-04
253	2.97E-04
254	2.77E-04
255	2.40E-04
256	2.24E-04
257	1.79E-04
258	2.60E-04
259	2.44E-04
260	2.29E-04
261	2.14E-04
262	2.00E-04
263	1.63E-04
264	2.16E-04
265	2.04E-04
266	1.92E-04
267	1.80E-04
268	1.49E-04
269	2.81E-04
270	2.28E-04
271	1.88E-04
272	1.58E-04
273	1.34E-04
274	1.15E-04
275	9.98E-05
276	2.49E-04
277	2.03E-04
278	1.68E-04
279	1.41E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
280	1.20E-04
281	1.04E-04
282	9.08E-05
283	2.16E-04
284	1.77E-04
285	1.48E-04
286	1.26E-04
287	1.08E-04
288	9.39E-05
289	8.24E-05
290	1.87E-04
291	1.55E-04
292	1.31E-04
293	1.12E-04
294	9.69E-05
295	8.49E-05
296	7.50E-05
297	1.62E-04
298	1.36E-04
299	1.16E-04
300	1.00E-04
301	8.75E-05
302	7.72E-05
303	6.86E-05
304	1.42E-04
305	1.20E-04
306	1.04E-04
307	9.04E-05
308	7.96E-05
309	7.06E-05
310	6.32E-05



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Site Preparation Risk**

*Chronic Non Cancer Risk*

Receptor #	HI
311	1.25E-04
312	1.08E-04
313	9.36E-05
314	8.22E-05
315	7.28E-05
316	6.50E-05
317	5.85E-05

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Parcel 5-E: Unmitigated - Parcel 5 - Grading Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05008	5.29E-03	2.7E-04	1.05E-03	2.77E-07	4.31E-04	1.19E-10	1.0E+06	1.2E-04
2	0.05232	5.29E-03	2.8E-04	1.05E-03	2.89E-07	4.31E-04	1.25E-10	1.0E+06	1.2E-04
3	0.05302	5.29E-03	2.8E-04	1.05E-03	2.93E-07	4.31E-04	1.26E-10	1.0E+06	1.3E-04
4	0.07311	5.29E-03	3.9E-04	1.05E-03	4.04E-07	4.31E-04	1.74E-10	1.0E+06	1.7E-04
5	0.07694	5.29E-03	4.1E-04	1.05E-03	4.26E-07	4.31E-04	1.83E-10	1.0E+06	1.8E-04
6	0.08075	5.29E-03	4.3E-04	1.05E-03	4.47E-07	4.31E-04	1.92E-10	1.0E+06	1.9E-04
7	0.08446	5.29E-03	4.5E-04	1.05E-03	4.67E-07	4.31E-04	2.01E-10	1.0E+06	2.0E-04
8	0.08803	5.29E-03	4.7E-04	1.05E-03	4.87E-07	4.31E-04	2.10E-10	1.0E+06	2.1E-04
9	0.09143	5.29E-03	4.8E-04	1.05E-03	5.06E-07	4.31E-04	2.18E-10	1.0E+06	2.2E-04
10	0.09467	5.29E-03	5.0E-04	1.05E-03	5.24E-07	4.31E-04	2.25E-10	1.0E+06	2.3E-04
11	0.09783	5.29E-03	5.2E-04	1.05E-03	5.41E-07	4.31E-04	2.33E-10	1.0E+06	2.3E-04
12	0.10109	5.29E-03	5.4E-04	1.05E-03	5.59E-07	4.31E-04	2.41E-10	1.0E+06	2.4E-04
13	0.10482	5.29E-03	5.5E-04	1.05E-03	5.80E-07	4.31E-04	2.50E-10	1.0E+06	2.5E-04
14	0.10885	5.29E-03	5.8E-04	1.05E-03	6.02E-07	4.31E-04	2.59E-10	1.0E+06	2.6E-04
15	0.11356	5.29E-03	6.0E-04	1.05E-03	6.28E-07	4.31E-04	2.70E-10	1.0E+06	2.7E-04
16	0.1195	5.29E-03	6.3E-04	1.05E-03	6.61E-07	4.31E-04	2.85E-10	1.0E+06	2.8E-04
17	0.12675	5.29E-03	6.7E-04	1.05E-03	7.01E-07	4.31E-04	3.02E-10	1.0E+06	3.0E-04
18	0.1352	5.29E-03	7.2E-04	1.05E-03	7.48E-07	4.31E-04	3.22E-10	1.0E+06	3.2E-04
19	0.1448	5.29E-03	7.7E-04	1.05E-03	8.01E-07	4.31E-04	3.45E-10	1.0E+06	3.4E-04
20	0.15511	5.29E-03	8.2E-04	1.05E-03	8.58E-07	4.31E-04	3.69E-10	1.0E+06	3.7E-04
21	0.16554	5.29E-03	8.8E-04	1.05E-03	9.16E-07	4.31E-04	3.94E-10	1.0E+06	3.9E-04
22	0.17541	5.29E-03	9.3E-04	1.05E-03	9.70E-07	4.31E-04	4.18E-10	1.0E+06	4.2E-04
23	0.18407	5.29E-03	9.7E-04	1.05E-03	1.02E-06	4.31E-04	4.38E-10	1.0E+06	4.4E-04
24	0.19095	5.29E-03	1.0E-03	1.05E-03	1.06E-06	4.31E-04	4.55E-10	1.0E+06	4.5E-04
25	0.19564	5.29E-03	1.0E-03	1.05E-03	1.08E-06	4.31E-04	4.66E-10	1.0E+06	4.7E-04
26	0.05374	5.29E-03	2.8E-04	1.05E-03	2.97E-07	4.31E-04	1.28E-10	1.0E+06	1.3E-04
27	0.05628	5.29E-03	3.0E-04	1.05E-03	3.11E-07	4.31E-04	1.34E-10	1.0E+06	1.3E-04
28	0.05712	5.29E-03	3.0E-04	1.05E-03	3.16E-07	4.31E-04	1.36E-10	1.0E+06	1.4E-04
29	0.08045	5.29E-03	4.3E-04	1.05E-03	4.45E-07	4.31E-04	1.92E-10	1.0E+06	1.9E-04
30	0.08515	5.29E-03	4.5E-04	1.05E-03	4.71E-07	4.31E-04	2.03E-10	1.0E+06	2.0E-04
31	0.0899	5.29E-03	4.8E-04	1.05E-03	4.97E-07	4.31E-04	2.14E-10	1.0E+06	2.1E-04

<b>Max</b>	<b>Receptor #</b>
0.006	239

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
32	0.09459	5.29E-03	5.0E-04	1.05E-03	5.23E-07	4.31E-04	2.25E-10	1.0E+06	2.3E-04
33	0.09911	5.29E-03	5.2E-04	1.05E-03	5.48E-07	4.31E-04	2.36E-10	1.0E+06	2.4E-04
34	0.10343	5.29E-03	5.5E-04	1.05E-03	5.72E-07	4.31E-04	2.46E-10	1.0E+06	2.5E-04
35	0.10756	5.29E-03	5.7E-04	1.05E-03	5.95E-07	4.31E-04	2.56E-10	1.0E+06	2.6E-04
36	0.11156	5.29E-03	5.9E-04	1.05E-03	6.17E-07	4.31E-04	2.66E-10	1.0E+06	2.7E-04
37	0.11593	5.29E-03	6.1E-04	1.05E-03	6.41E-07	4.31E-04	2.76E-10	1.0E+06	2.8E-04
38	0.12066	5.29E-03	6.4E-04	1.05E-03	6.68E-07	4.31E-04	2.87E-10	1.0E+06	2.9E-04
39	0.12566	5.29E-03	6.7E-04	1.05E-03	6.95E-07	4.31E-04	2.99E-10	1.0E+06	3.0E-04
40	0.13182	5.29E-03	7.0E-04	1.05E-03	7.29E-07	4.31E-04	3.14E-10	1.0E+06	3.1E-04
41	0.13974	5.29E-03	7.4E-04	1.05E-03	7.73E-07	4.31E-04	3.33E-10	1.0E+06	3.3E-04
42	0.14925	5.29E-03	7.9E-04	1.05E-03	8.26E-07	4.31E-04	3.55E-10	1.0E+06	3.6E-04
43	0.16042	5.29E-03	8.5E-04	1.05E-03	8.88E-07	4.31E-04	3.82E-10	1.0E+06	3.8E-04
44	0.17286	5.29E-03	9.1E-04	1.05E-03	9.56E-07	4.31E-04	4.12E-10	1.0E+06	4.1E-04
45	0.18582	5.29E-03	9.8E-04	1.05E-03	1.03E-06	4.31E-04	4.43E-10	1.0E+06	4.4E-04
46	0.19835	5.29E-03	1.0E-03	1.05E-03	1.10E-06	4.31E-04	4.72E-10	1.0E+06	4.7E-04
47	0.20951	5.29E-03	1.1E-03	1.05E-03	1.16E-06	4.31E-04	4.99E-10	1.0E+06	5.0E-04
48	0.21843	5.29E-03	1.2E-03	1.05E-03	1.21E-06	4.31E-04	5.20E-10	1.0E+06	5.2E-04
49	0.22449	5.29E-03	1.2E-03	1.05E-03	1.24E-06	4.31E-04	5.35E-10	1.0E+06	5.3E-04
50	0.22735	5.29E-03	1.2E-03	1.05E-03	1.26E-06	4.31E-04	5.42E-10	1.0E+06	5.4E-04
51	0.05775	5.29E-03	3.1E-04	1.05E-03	3.19E-07	4.31E-04	1.38E-10	1.0E+06	1.4E-04
52	0.06069	5.29E-03	3.2E-04	1.05E-03	3.36E-07	4.31E-04	1.45E-10	1.0E+06	1.4E-04
53	0.06179	5.29E-03	3.3E-04	1.05E-03	3.42E-07	4.31E-04	1.47E-10	1.0E+06	1.5E-04
54	0.08898	5.29E-03	4.7E-04	1.05E-03	4.92E-07	4.31E-04	2.12E-10	1.0E+06	2.1E-04
55	0.09475	5.29E-03	5.0E-04	1.05E-03	5.24E-07	4.31E-04	2.26E-10	1.0E+06	2.3E-04
56	0.1007	5.29E-03	5.3E-04	1.05E-03	5.57E-07	4.31E-04	2.40E-10	1.0E+06	2.4E-04
57	0.10667	5.29E-03	5.6E-04	1.05E-03	5.90E-07	4.31E-04	2.54E-10	1.0E+06	2.5E-04
58	0.1125	5.29E-03	6.0E-04	1.05E-03	6.22E-07	4.31E-04	2.68E-10	1.0E+06	2.7E-04
59	0.11813	5.29E-03	6.3E-04	1.05E-03	6.54E-07	4.31E-04	2.81E-10	1.0E+06	2.8E-04
60	0.12352	5.29E-03	6.5E-04	1.05E-03	6.83E-07	4.31E-04	2.94E-10	1.0E+06	2.9E-04
61	0.12872	5.29E-03	6.8E-04	1.05E-03	7.12E-07	4.31E-04	3.07E-10	1.0E+06	3.1E-04
62	0.13451	5.29E-03	7.1E-04	1.05E-03	7.44E-07	4.31E-04	3.20E-10	1.0E+06	3.2E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.14044	5.29E-03	7.4E-04	1.05E-03	7.77E-07	4.31E-04	3.35E-10	1.0E+06	3.3E-04
64	0.14701	5.29E-03	7.8E-04	1.05E-03	8.13E-07	4.31E-04	3.50E-10	1.0E+06	3.5E-04
65	0.15526	5.29E-03	8.2E-04	1.05E-03	8.59E-07	4.31E-04	3.70E-10	1.0E+06	3.7E-04
66	0.16599	5.29E-03	8.8E-04	1.05E-03	9.18E-07	4.31E-04	3.95E-10	1.0E+06	4.0E-04
67	0.17882	5.29E-03	9.5E-04	1.05E-03	9.89E-07	4.31E-04	4.26E-10	1.0E+06	4.3E-04
68	0.19378	5.29E-03	1.0E-03	1.05E-03	1.07E-06	4.31E-04	4.62E-10	1.0E+06	4.6E-04
69	0.20996	5.29E-03	1.1E-03	1.05E-03	1.16E-06	4.31E-04	5.00E-10	1.0E+06	5.0E-04
70	0.22607	5.29E-03	1.2E-03	1.05E-03	1.25E-06	4.31E-04	5.38E-10	1.0E+06	5.4E-04
71	0.24069	5.29E-03	1.3E-03	1.05E-03	1.33E-06	4.31E-04	5.73E-10	1.0E+06	5.7E-04
72	0.25251	5.29E-03	1.3E-03	1.05E-03	1.40E-06	4.31E-04	6.01E-10	1.0E+06	6.0E-04
73	0.26055	5.29E-03	1.4E-03	1.05E-03	1.44E-06	4.31E-04	6.21E-10	1.0E+06	6.2E-04
74	0.26426	5.29E-03	1.4E-03	1.05E-03	1.46E-06	4.31E-04	6.29E-10	1.0E+06	6.3E-04
75	0.26359	5.29E-03	1.4E-03	1.05E-03	1.46E-06	4.31E-04	6.28E-10	1.0E+06	6.3E-04
76	0.06214	5.29E-03	3.3E-04	1.05E-03	3.44E-07	4.31E-04	1.48E-10	1.0E+06	1.5E-04
77	0.06557	5.29E-03	3.5E-04	1.05E-03	3.63E-07	4.31E-04	1.56E-10	1.0E+06	1.6E-04
78	0.06711	5.29E-03	3.6E-04	1.05E-03	3.71E-07	4.31E-04	1.60E-10	1.0E+06	1.6E-04
79	0.09896	5.29E-03	5.2E-04	1.05E-03	5.47E-07	4.31E-04	2.36E-10	1.0E+06	2.4E-04
80	0.10608	5.29E-03	5.6E-04	1.05E-03	5.87E-07	4.31E-04	2.53E-10	1.0E+06	2.5E-04
81	0.11357	5.29E-03	6.0E-04	1.05E-03	6.28E-07	4.31E-04	2.71E-10	1.0E+06	2.7E-04
82	0.12124	5.29E-03	6.4E-04	1.05E-03	6.71E-07	4.31E-04	2.89E-10	1.0E+06	2.9E-04
83	0.1289	5.29E-03	6.8E-04	1.05E-03	7.13E-07	4.31E-04	3.07E-10	1.0E+06	3.1E-04
84	0.13637	5.29E-03	7.2E-04	1.05E-03	7.54E-07	4.31E-04	3.25E-10	1.0E+06	3.2E-04
85	0.14355	5.29E-03	7.6E-04	1.05E-03	7.94E-07	4.31E-04	3.42E-10	1.0E+06	3.4E-04
86	0.15109	5.29E-03	8.0E-04	1.05E-03	8.36E-07	4.31E-04	3.60E-10	1.0E+06	3.6E-04
87	0.15843	5.29E-03	8.4E-04	1.05E-03	8.77E-07	4.31E-04	3.77E-10	1.0E+06	3.8E-04
88	0.16585	5.29E-03	8.8E-04	1.05E-03	9.18E-07	4.31E-04	3.95E-10	1.0E+06	4.0E-04
89	0.17473	5.29E-03	9.2E-04	1.05E-03	9.67E-07	4.31E-04	4.16E-10	1.0E+06	4.2E-04
90	0.18618	5.29E-03	9.9E-04	1.05E-03	1.03E-06	4.31E-04	4.43E-10	1.0E+06	4.4E-04
91	0.20092	5.29E-03	1.1E-03	1.05E-03	1.11E-06	4.31E-04	4.79E-10	1.0E+06	4.8E-04
92	0.21869	5.29E-03	1.2E-03	1.05E-03	1.21E-06	4.31E-04	5.21E-10	1.0E+06	5.2E-04
93	0.2389	5.29E-03	1.3E-03	1.05E-03	1.32E-06	4.31E-04	5.69E-10	1.0E+06	5.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.25984	5.29E-03	1.4E-03	1.05E-03	1.44E-06	4.31E-04	6.19E-10	1.0E+06	6.2E-04
95	0.27937	5.29E-03	1.5E-03	1.05E-03	1.55E-06	4.31E-04	6.65E-10	1.0E+06	6.7E-04
96	0.29541	5.29E-03	1.6E-03	1.05E-03	1.63E-06	4.31E-04	7.04E-10	1.0E+06	7.0E-04
97	0.30637	5.29E-03	1.6E-03	1.05E-03	1.69E-06	4.31E-04	7.30E-10	1.0E+06	7.3E-04
98	0.31135	5.29E-03	1.6E-03	1.05E-03	1.72E-06	4.31E-04	7.42E-10	1.0E+06	7.4E-04
99	0.31025	5.29E-03	1.6E-03	1.05E-03	1.72E-06	4.31E-04	7.39E-10	1.0E+06	7.4E-04
100	0.30363	5.29E-03	1.6E-03	1.05E-03	1.68E-06	4.31E-04	7.23E-10	1.0E+06	7.2E-04
101	0.06691	5.29E-03	3.5E-04	1.05E-03	3.70E-07	4.31E-04	1.59E-10	1.0E+06	1.6E-04
102	0.07094	5.29E-03	3.8E-04	1.05E-03	3.92E-07	4.31E-04	1.69E-10	1.0E+06	1.7E-04
103	0.07309	5.29E-03	3.9E-04	1.05E-03	4.04E-07	4.31E-04	1.74E-10	1.0E+06	1.7E-04
104	0.11076	5.29E-03	5.9E-04	1.05E-03	6.13E-07	4.31E-04	2.64E-10	1.0E+06	2.6E-04
105	0.11957	5.29E-03	6.3E-04	1.05E-03	6.62E-07	4.31E-04	2.85E-10	1.0E+06	2.8E-04
106	0.12909	5.29E-03	6.8E-04	1.05E-03	7.14E-07	4.31E-04	3.07E-10	1.0E+06	3.1E-04
107	0.13909	5.29E-03	7.4E-04	1.05E-03	7.70E-07	4.31E-04	3.31E-10	1.0E+06	3.3E-04
108	0.14928	5.29E-03	7.9E-04	1.05E-03	8.26E-07	4.31E-04	3.56E-10	1.0E+06	3.6E-04
109	0.15935	5.29E-03	8.4E-04	1.05E-03	8.82E-07	4.31E-04	3.80E-10	1.0E+06	3.8E-04
110	0.1693	5.29E-03	9.0E-04	1.05E-03	9.37E-07	4.31E-04	4.03E-10	1.0E+06	4.0E-04
111	0.17986	5.29E-03	9.5E-04	1.05E-03	9.95E-07	4.31E-04	4.28E-10	1.0E+06	4.3E-04
112	0.1892	5.29E-03	1.0E-03	1.05E-03	1.05E-06	4.31E-04	4.51E-10	1.0E+06	4.5E-04
113	0.19933	5.29E-03	1.1E-03	1.05E-03	1.10E-06	4.31E-04	4.75E-10	1.0E+06	4.7E-04
114	0.21171	5.29E-03	1.1E-03	1.05E-03	1.17E-06	4.31E-04	5.04E-10	1.0E+06	5.0E-04
115	0.22796	5.29E-03	1.2E-03	1.05E-03	1.26E-06	4.31E-04	5.43E-10	1.0E+06	5.4E-04
116	0.24876	5.29E-03	1.3E-03	1.05E-03	1.38E-06	4.31E-04	5.93E-10	1.0E+06	5.9E-04
117	0.2739	5.29E-03	1.4E-03	1.05E-03	1.52E-06	4.31E-04	6.52E-10	1.0E+06	6.5E-04
118	0.30136	5.29E-03	1.6E-03	1.05E-03	1.67E-06	4.31E-04	7.18E-10	1.0E+06	7.2E-04
119	0.32796	5.29E-03	1.7E-03	1.05E-03	1.81E-06	4.31E-04	7.81E-10	1.0E+06	7.8E-04
120	0.35034	5.29E-03	1.9E-03	1.05E-03	1.94E-06	4.31E-04	8.34E-10	1.0E+06	8.3E-04
121	0.36576	5.29E-03	1.9E-03	1.05E-03	2.02E-06	4.31E-04	8.71E-10	1.0E+06	8.7E-04
122	0.37269	5.29E-03	2.0E-03	1.05E-03	2.06E-06	4.31E-04	8.88E-10	1.0E+06	8.9E-04
123	0.37095	5.29E-03	2.0E-03	1.05E-03	2.05E-06	4.31E-04	8.84E-10	1.0E+06	8.8E-04
124	0.36143	5.29E-03	1.9E-03	1.05E-03	2.00E-06	4.31E-04	8.61E-10	1.0E+06	8.6E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
125	0.07203	5.29E-03	3.8E-04	1.05E-03	3.99E-07	4.31E-04	1.72E-10	1.0E+06	1.7E-04
126	0.07676	5.29E-03	4.1E-04	1.05E-03	4.25E-07	4.31E-04	1.83E-10	1.0E+06	1.8E-04
127	0.07968	5.29E-03	4.2E-04	1.05E-03	4.41E-07	4.31E-04	1.90E-10	1.0E+06	1.9E-04
128	0.13585	5.29E-03	7.2E-04	1.05E-03	7.52E-07	4.31E-04	3.24E-10	1.0E+06	3.2E-04
129	0.14802	5.29E-03	7.8E-04	1.05E-03	8.19E-07	4.31E-04	3.53E-10	1.0E+06	3.5E-04
130	0.16122	5.29E-03	8.5E-04	1.05E-03	8.92E-07	4.31E-04	3.84E-10	1.0E+06	3.8E-04
131	0.17498	5.29E-03	9.3E-04	1.05E-03	9.68E-07	4.31E-04	4.17E-10	1.0E+06	4.2E-04
132	0.18887	5.29E-03	1.0E-03	1.05E-03	1.04E-06	4.31E-04	4.50E-10	1.0E+06	4.5E-04
133	0.20333	5.29E-03	1.1E-03	1.05E-03	1.12E-06	4.31E-04	4.84E-10	1.0E+06	4.8E-04
134	0.21732	5.29E-03	1.2E-03	1.05E-03	1.20E-06	4.31E-04	5.18E-10	1.0E+06	5.2E-04
135	0.23036	5.29E-03	1.2E-03	1.05E-03	1.27E-06	4.31E-04	5.49E-10	1.0E+06	5.5E-04
136	0.24464	5.29E-03	1.3E-03	1.05E-03	1.35E-06	4.31E-04	5.83E-10	1.0E+06	5.8E-04
137	0.26251	5.29E-03	1.4E-03	1.05E-03	1.45E-06	4.31E-04	6.25E-10	1.0E+06	6.3E-04
138	0.28652	5.29E-03	1.5E-03	1.05E-03	1.59E-06	4.31E-04	6.82E-10	1.0E+06	6.8E-04
139	0.31673	5.29E-03	1.7E-03	1.05E-03	1.75E-06	4.31E-04	7.54E-10	1.0E+06	7.5E-04
140	0.35267	5.29E-03	1.9E-03	1.05E-03	1.95E-06	4.31E-04	8.40E-10	1.0E+06	8.4E-04
141	0.38962	5.29E-03	2.1E-03	1.05E-03	2.16E-06	4.31E-04	9.28E-10	1.0E+06	9.3E-04
142	0.42186	5.29E-03	2.2E-03	1.05E-03	2.33E-06	4.31E-04	1.00E-09	1.0E+06	1.0E-03
143	0.44449	5.29E-03	2.4E-03	1.05E-03	2.46E-06	4.31E-04	1.06E-09	1.0E+06	1.1E-03
144	0.45461	5.29E-03	2.4E-03	1.05E-03	2.52E-06	4.31E-04	1.08E-09	1.0E+06	1.1E-03
145	0.45187	5.29E-03	2.4E-03	1.05E-03	2.50E-06	4.31E-04	1.08E-09	1.0E+06	1.1E-03
146	0.43784	5.29E-03	2.3E-03	1.05E-03	2.42E-06	4.31E-04	1.04E-09	1.0E+06	1.0E-03
147	0.0775	5.29E-03	4.1E-04	1.05E-03	4.29E-07	4.31E-04	1.85E-10	1.0E+06	1.8E-04
148	0.08306	5.29E-03	4.4E-04	1.05E-03	4.60E-07	4.31E-04	1.98E-10	1.0E+06	2.0E-04
149	0.08711	5.29E-03	4.6E-04	1.05E-03	4.82E-07	4.31E-04	2.07E-10	1.0E+06	2.1E-04
150	0.15569	5.29E-03	8.2E-04	1.05E-03	8.61E-07	4.31E-04	3.71E-10	1.0E+06	3.7E-04
151	0.17139	5.29E-03	9.1E-04	1.05E-03	9.48E-07	4.31E-04	4.08E-10	1.0E+06	4.1E-04
152	0.18896	5.29E-03	1.0E-03	1.05E-03	1.05E-06	4.31E-04	4.50E-10	1.0E+06	4.5E-04
153	0.20792	5.29E-03	1.1E-03	1.05E-03	1.15E-06	4.31E-04	4.95E-10	1.0E+06	5.0E-04
154	0.22756	5.29E-03	1.2E-03	1.05E-03	1.26E-06	4.31E-04	5.42E-10	1.0E+06	5.4E-04
155	0.24923	5.29E-03	1.3E-03	1.05E-03	1.38E-06	4.31E-04	5.94E-10	1.0E+06	5.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
156	0.26833	5.29E-03	1.4E-03	1.05E-03	1.48E-06	4.31E-04	6.39E-10	1.0E+06	6.4E-04
157	0.28718	5.29E-03	1.5E-03	1.05E-03	1.59E-06	4.31E-04	6.84E-10	1.0E+06	6.8E-04
158	0.30812	5.29E-03	1.6E-03	1.05E-03	1.70E-06	4.31E-04	7.34E-10	1.0E+06	7.3E-04
159	0.33509	5.29E-03	1.8E-03	1.05E-03	1.85E-06	4.31E-04	7.98E-10	1.0E+06	8.0E-04
160	0.37142	5.29E-03	2.0E-03	1.05E-03	2.05E-06	4.31E-04	8.85E-10	1.0E+06	8.8E-04
161	0.41724	5.29E-03	2.2E-03	1.05E-03	2.31E-06	4.31E-04	9.94E-10	1.0E+06	9.9E-04
162	0.46899	5.29E-03	2.5E-03	1.05E-03	2.59E-06	4.31E-04	1.12E-09	1.0E+06	1.1E-03
163	0.51672	5.29E-03	2.7E-03	1.05E-03	2.86E-06	4.31E-04	1.23E-09	1.0E+06	1.2E-03
164	0.55143	5.29E-03	2.9E-03	1.05E-03	3.05E-06	4.31E-04	1.31E-09	1.0E+06	1.3E-03
165	0.56716	5.29E-03	3.0E-03	1.05E-03	3.14E-06	4.31E-04	1.35E-09	1.0E+06	1.4E-03
166	0.56297	5.29E-03	3.0E-03	1.05E-03	3.11E-06	4.31E-04	1.34E-09	1.0E+06	1.3E-03
167	0.54164	5.29E-03	2.9E-03	1.05E-03	3.00E-06	4.31E-04	1.29E-09	1.0E+06	1.3E-03
168	0.50795	5.29E-03	2.7E-03	1.05E-03	2.81E-06	4.31E-04	1.21E-09	1.0E+06	1.2E-03
169	0.08327	5.29E-03	4.4E-04	1.05E-03	4.61E-07	4.31E-04	1.98E-10	1.0E+06	2.0E-04
170	0.08978	5.29E-03	4.8E-04	1.05E-03	4.97E-07	4.31E-04	2.14E-10	1.0E+06	2.1E-04
171	0.09539	5.29E-03	5.0E-04	1.05E-03	5.28E-07	4.31E-04	2.27E-10	1.0E+06	2.3E-04
172	0.101	5.29E-03	5.3E-04	1.05E-03	5.59E-07	4.31E-04	2.41E-10	1.0E+06	2.4E-04
173	0.18007	5.29E-03	9.5E-04	1.05E-03	9.96E-07	4.31E-04	4.29E-10	1.0E+06	4.3E-04
174	0.2007	5.29E-03	1.1E-03	1.05E-03	1.11E-06	4.31E-04	4.78E-10	1.0E+06	4.8E-04
175	0.22446	5.29E-03	1.2E-03	1.05E-03	1.24E-06	4.31E-04	5.35E-10	1.0E+06	5.3E-04
176	0.25098	5.29E-03	1.3E-03	1.05E-03	1.39E-06	4.31E-04	5.98E-10	1.0E+06	6.0E-04
177	0.28023	5.29E-03	1.5E-03	1.05E-03	1.55E-06	4.31E-04	6.67E-10	1.0E+06	6.7E-04
178	0.31153	5.29E-03	1.6E-03	1.05E-03	1.72E-06	4.31E-04	7.42E-10	1.0E+06	7.4E-04
179	0.34024	5.29E-03	1.8E-03	1.05E-03	1.88E-06	4.31E-04	8.10E-10	1.0E+06	8.1E-04
180	0.36889	5.29E-03	2.0E-03	1.05E-03	2.04E-06	4.31E-04	8.79E-10	1.0E+06	8.8E-04
181	0.40084	5.29E-03	2.1E-03	1.05E-03	2.22E-06	4.31E-04	9.55E-10	1.0E+06	9.5E-04
182	0.44342	5.29E-03	2.3E-03	1.05E-03	2.45E-06	4.31E-04	1.06E-09	1.0E+06	1.1E-03
183	0.72103	5.29E-03	3.8E-03	1.05E-03	3.99E-06	4.31E-04	1.72E-09	1.0E+06	1.7E-03
184	0.68738	5.29E-03	3.6E-03	1.05E-03	3.80E-06	4.31E-04	1.64E-09	1.0E+06	1.6E-03
185	0.09685	5.29E-03	5.1E-04	1.05E-03	5.36E-07	4.31E-04	2.31E-10	1.0E+06	2.3E-04
186	0.1042	5.29E-03	5.5E-04	1.05E-03	5.76E-07	4.31E-04	2.48E-10	1.0E+06	2.5E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
187	0.11095	5.29E-03	5.9E-04	1.05E-03	6.14E-07	4.31E-04	2.64E-10	1.0E+06	2.6E-04
188	0.21003	5.29E-03	1.1E-03	1.05E-03	1.16E-06	4.31E-04	5.00E-10	1.0E+06	5.0E-04
189	0.2377	5.29E-03	1.3E-03	1.05E-03	1.32E-06	4.31E-04	5.66E-10	1.0E+06	5.7E-04
190	0.27045	5.29E-03	1.4E-03	1.05E-03	1.50E-06	4.31E-04	6.44E-10	1.0E+06	6.4E-04
191	0.3086	5.29E-03	1.6E-03	1.05E-03	1.71E-06	4.31E-04	7.35E-10	1.0E+06	7.4E-04
192	0.35402	5.29E-03	1.9E-03	1.05E-03	1.96E-06	4.31E-04	8.43E-10	1.0E+06	8.4E-04
193	0.40037	5.29E-03	2.1E-03	1.05E-03	2.22E-06	4.31E-04	9.54E-10	1.0E+06	9.5E-04
194	0.44613	5.29E-03	2.4E-03	1.05E-03	2.47E-06	4.31E-04	1.06E-09	1.0E+06	1.1E-03
195	0.49166	5.29E-03	2.6E-03	1.05E-03	2.72E-06	4.31E-04	1.17E-09	1.0E+06	1.2E-03
196	0.54332	5.29E-03	2.9E-03	1.05E-03	3.01E-06	4.31E-04	1.29E-09	1.0E+06	1.3E-03
197	0.61568	5.29E-03	3.3E-03	1.05E-03	3.41E-06	4.31E-04	1.47E-09	1.0E+06	1.5E-03
198	0.11257	5.29E-03	6.0E-04	1.05E-03	6.23E-07	4.31E-04	2.68E-10	1.0E+06	2.7E-04
199	0.12228	5.29E-03	6.5E-04	1.05E-03	6.77E-07	4.31E-04	2.91E-10	1.0E+06	2.9E-04
200	0.12166	5.29E-03	6.4E-04	1.05E-03	6.73E-07	4.31E-04	2.90E-10	1.0E+06	2.9E-04
201	0.134	5.29E-03	7.1E-04	1.05E-03	7.41E-07	4.31E-04	3.19E-10	1.0E+06	3.2E-04
202	0.14598	5.29E-03	7.7E-04	1.05E-03	8.08E-07	4.31E-04	3.48E-10	1.0E+06	3.5E-04
203	0.14536	5.29E-03	7.7E-04	1.05E-03	8.04E-07	4.31E-04	3.46E-10	1.0E+06	3.5E-04
204	0.16243	5.29E-03	8.6E-04	1.05E-03	8.99E-07	4.31E-04	3.87E-10	1.0E+06	3.9E-04
205	0.18084	5.29E-03	9.6E-04	1.05E-03	1.00E-06	4.31E-04	4.31E-10	1.0E+06	4.3E-04
206	0.17788	5.29E-03	9.4E-04	1.05E-03	9.84E-07	4.31E-04	4.24E-10	1.0E+06	4.2E-04
207	0.20118	5.29E-03	1.1E-03	1.05E-03	1.11E-06	4.31E-04	4.79E-10	1.0E+06	4.8E-04
208	0.22957	5.29E-03	1.2E-03	1.05E-03	1.27E-06	4.31E-04	5.47E-10	1.0E+06	5.5E-04
209	0.19387	5.29E-03	1.0E-03	1.05E-03	1.07E-06	4.31E-04	4.62E-10	1.0E+06	4.6E-04
210	0.22353	5.29E-03	1.2E-03	1.05E-03	1.24E-06	4.31E-04	5.32E-10	1.0E+06	5.3E-04
211	0.2572	5.29E-03	1.4E-03	1.05E-03	1.42E-06	4.31E-04	6.13E-10	1.0E+06	6.1E-04
212	0.24661	5.29E-03	1.3E-03	1.05E-03	1.36E-06	4.31E-04	5.87E-10	1.0E+06	5.9E-04
213	0.2908	5.29E-03	1.5E-03	1.05E-03	1.61E-06	4.31E-04	6.93E-10	1.0E+06	6.9E-04
214	0.342	5.29E-03	1.8E-03	1.05E-03	1.89E-06	4.31E-04	8.15E-10	1.0E+06	8.1E-04
215	0.27262	5.29E-03	1.4E-03	1.05E-03	1.51E-06	4.31E-04	6.49E-10	1.0E+06	6.5E-04
216	0.32481	5.29E-03	1.7E-03	1.05E-03	1.80E-06	4.31E-04	7.74E-10	1.0E+06	7.7E-04
217	0.38704	5.29E-03	2.0E-03	1.05E-03	2.14E-06	4.31E-04	9.22E-10	1.0E+06	9.2E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
218	0.4366	5.29E-03	2.3E-03	1.05E-03	2.42E-06	4.31E-04	1.04E-09	1.0E+06	1.0E-03
219	0.54343	5.29E-03	2.9E-03	1.05E-03	3.01E-06	4.31E-04	1.29E-09	1.0E+06	1.3E-03
220	0.48308	5.29E-03	2.6E-03	1.05E-03	2.67E-06	4.31E-04	1.15E-09	1.0E+06	1.2E-03
221	0.59628	5.29E-03	3.2E-03	1.05E-03	3.30E-06	4.31E-04	1.42E-09	1.0E+06	1.4E-03
222	0.5122	5.29E-03	2.7E-03	1.05E-03	2.83E-06	4.31E-04	1.22E-09	1.0E+06	1.2E-03
223	0.62509	5.29E-03	3.3E-03	1.05E-03	3.46E-06	4.31E-04	1.49E-09	1.0E+06	1.5E-03
224	0.78451	5.29E-03	4.2E-03	1.05E-03	4.34E-06	4.31E-04	1.87E-09	1.0E+06	1.9E-03
225	0.62003	5.29E-03	3.3E-03	1.05E-03	3.43E-06	4.31E-04	1.48E-09	1.0E+06	1.5E-03
226	0.74907	5.29E-03	4.0E-03	1.05E-03	4.14E-06	4.31E-04	1.78E-09	1.0E+06	1.8E-03
227	0.21104	5.29E-03	1.1E-03	1.05E-03	1.17E-06	4.31E-04	5.03E-10	1.0E+06	5.0E-04
228	0.18305	5.29E-03	9.7E-04	1.05E-03	1.01E-06	4.31E-04	4.36E-10	1.0E+06	4.4E-04
229	0.1602	5.29E-03	8.5E-04	1.05E-03	8.86E-07	4.31E-04	3.82E-10	1.0E+06	3.8E-04
230	0.14135	5.29E-03	7.5E-04	1.05E-03	7.82E-07	4.31E-04	3.37E-10	1.0E+06	3.4E-04
231	0.18641	5.29E-03	9.9E-04	1.05E-03	1.03E-06	4.31E-04	4.44E-10	1.0E+06	4.4E-04
232	0.16359	5.29E-03	8.7E-04	1.05E-03	9.05E-07	4.31E-04	3.90E-10	1.0E+06	3.9E-04
233	0.14463	5.29E-03	7.7E-04	1.05E-03	8.00E-07	4.31E-04	3.44E-10	1.0E+06	3.4E-04
234	0.12874	5.29E-03	6.8E-04	1.05E-03	7.12E-07	4.31E-04	3.07E-10	1.0E+06	3.1E-04
235	0.16533	5.29E-03	8.8E-04	1.05E-03	9.15E-07	4.31E-04	3.94E-10	1.0E+06	3.9E-04
236	0.14669	5.29E-03	7.8E-04	1.05E-03	8.12E-07	4.31E-04	3.49E-10	1.0E+06	3.5E-04
237	0.13092	5.29E-03	6.9E-04	1.05E-03	7.24E-07	4.31E-04	3.12E-10	1.0E+06	3.1E-04
238	0.1175	5.29E-03	6.2E-04	1.05E-03	6.50E-07	4.31E-04	2.80E-10	1.0E+06	2.8E-04
239	2.51686	5.29E-03	1.3E-02	1.05E-03	1.39E-05	4.31E-04	5.99E-09	1.0E+06	6.0E-03
240	2.17208	5.29E-03	1.1E-02	1.05E-03	1.20E-05	4.31E-04	5.17E-09	1.0E+06	5.2E-03
241	1.85713	5.29E-03	9.8E-03	1.05E-03	1.03E-05	4.31E-04	4.42E-09	1.0E+06	4.4E-03
242	1.5835	5.29E-03	8.4E-03	1.05E-03	8.76E-06	4.31E-04	3.77E-09	1.0E+06	3.8E-03
243	1.89909	5.29E-03	1.0E-02	1.05E-03	1.05E-05	4.31E-04	4.52E-09	1.0E+06	4.5E-03
244	1.67798	5.29E-03	8.9E-03	1.05E-03	9.28E-06	4.31E-04	4.00E-09	1.0E+06	4.0E-03
245	1.47024	5.29E-03	7.8E-03	1.05E-03	8.13E-06	4.31E-04	3.50E-09	1.0E+06	3.5E-03
246	1.28327	5.29E-03	6.8E-03	1.05E-03	7.10E-06	4.31E-04	3.06E-09	1.0E+06	3.1E-03
247	1.48354	5.29E-03	7.9E-03	1.05E-03	8.21E-06	4.31E-04	3.53E-09	1.0E+06	3.5E-03
248	1.33362	5.29E-03	7.1E-03	1.05E-03	7.38E-06	4.31E-04	3.18E-09	1.0E+06	3.2E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
249	1.19011	5.29E-03	6.3E-03	1.05E-03	6.58E-06	4.31E-04	2.83E-09	1.0E+06	2.8E-03
250	1.05753	5.29E-03	5.6E-03	1.05E-03	5.85E-06	4.31E-04	2.52E-09	1.0E+06	2.5E-03
251	0.47564	5.29E-03	2.5E-03	1.05E-03	2.63E-06	4.31E-04	1.13E-09	1.0E+06	1.1E-03
252	0.43899	5.29E-03	2.3E-03	1.05E-03	2.43E-06	4.31E-04	1.05E-09	1.0E+06	1.0E-03
253	0.51985	5.29E-03	2.8E-03	1.05E-03	2.88E-06	4.31E-04	1.24E-09	1.0E+06	1.2E-03
254	0.4854	5.29E-03	2.6E-03	1.05E-03	2.69E-06	4.31E-04	1.16E-09	1.0E+06	1.2E-03
255	0.42116	5.29E-03	2.2E-03	1.05E-03	2.33E-06	4.31E-04	1.00E-09	1.0E+06	1.0E-03
256	0.39142	5.29E-03	2.1E-03	1.05E-03	2.17E-06	4.31E-04	9.32E-10	1.0E+06	9.3E-04
257	0.31285	5.29E-03	1.7E-03	1.05E-03	1.73E-06	4.31E-04	7.45E-10	1.0E+06	7.5E-04
258	0.45517	5.29E-03	2.4E-03	1.05E-03	2.52E-06	4.31E-04	1.08E-09	1.0E+06	1.1E-03
259	0.42735	5.29E-03	2.3E-03	1.05E-03	2.36E-06	4.31E-04	1.02E-09	1.0E+06	1.0E-03
260	0.40062	5.29E-03	2.1E-03	1.05E-03	2.22E-06	4.31E-04	9.54E-10	1.0E+06	9.5E-04
261	0.37513	5.29E-03	2.0E-03	1.05E-03	2.08E-06	4.31E-04	8.94E-10	1.0E+06	8.9E-04
262	0.35079	5.29E-03	1.9E-03	1.05E-03	1.94E-06	4.31E-04	8.36E-10	1.0E+06	8.4E-04
263	0.28528	5.29E-03	1.5E-03	1.05E-03	1.58E-06	4.31E-04	6.80E-10	1.0E+06	6.8E-04
264	0.37888	5.29E-03	2.0E-03	1.05E-03	2.10E-06	4.31E-04	9.02E-10	1.0E+06	9.0E-04
265	0.357	5.29E-03	1.9E-03	1.05E-03	1.98E-06	4.31E-04	8.50E-10	1.0E+06	8.5E-04
266	0.33601	5.29E-03	1.8E-03	1.05E-03	1.86E-06	4.31E-04	8.00E-10	1.0E+06	8.0E-04
267	0.31586	5.29E-03	1.7E-03	1.05E-03	1.75E-06	4.31E-04	7.52E-10	1.0E+06	7.5E-04
268	0.26098	5.29E-03	1.4E-03	1.05E-03	1.44E-06	4.31E-04	6.22E-10	1.0E+06	6.2E-04
269	0.49262	5.29E-03	2.6E-03	1.05E-03	2.73E-06	4.31E-04	1.17E-09	1.0E+06	1.2E-03
270	0.39972	5.29E-03	2.1E-03	1.05E-03	2.21E-06	4.31E-04	9.52E-10	1.0E+06	9.5E-04
271	0.32977	5.29E-03	1.7E-03	1.05E-03	1.82E-06	4.31E-04	7.85E-10	1.0E+06	7.9E-04
272	0.27615	5.29E-03	1.5E-03	1.05E-03	1.53E-06	4.31E-04	6.58E-10	1.0E+06	6.6E-04
273	0.23437	5.29E-03	1.2E-03	1.05E-03	1.30E-06	4.31E-04	5.58E-10	1.0E+06	5.6E-04
274	0.20135	5.29E-03	1.1E-03	1.05E-03	1.11E-06	4.31E-04	4.80E-10	1.0E+06	4.8E-04
275	0.17486	5.29E-03	9.3E-04	1.05E-03	9.67E-07	4.31E-04	4.16E-10	1.0E+06	4.2E-04
276	0.43643	5.29E-03	2.3E-03	1.05E-03	2.41E-06	4.31E-04	1.04E-09	1.0E+06	1.0E-03
277	0.35491	5.29E-03	1.9E-03	1.05E-03	1.96E-06	4.31E-04	8.45E-10	1.0E+06	8.5E-04
278	0.29392	5.29E-03	1.6E-03	1.05E-03	1.63E-06	4.31E-04	7.00E-10	1.0E+06	7.0E-04
279	0.24725	5.29E-03	1.3E-03	1.05E-03	1.37E-06	4.31E-04	5.89E-10	1.0E+06	5.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.21091	5.29E-03	1.1E-03	1.05E-03	1.17E-06	4.31E-04	5.02E-10	1.0E+06	5.0E-04
281	0.18212	5.29E-03	9.6E-04	1.05E-03	1.01E-06	4.31E-04	4.34E-10	1.0E+06	4.3E-04
282	0.15895	5.29E-03	8.4E-04	1.05E-03	8.79E-07	4.31E-04	3.79E-10	1.0E+06	3.8E-04
283	0.37876	5.29E-03	2.0E-03	1.05E-03	2.10E-06	4.31E-04	9.02E-10	1.0E+06	9.0E-04
284	0.31071	5.29E-03	1.6E-03	1.05E-03	1.72E-06	4.31E-04	7.40E-10	1.0E+06	7.4E-04
285	0.25949	5.29E-03	1.4E-03	1.05E-03	1.44E-06	4.31E-04	6.18E-10	1.0E+06	6.2E-04
286	0.22003	5.29E-03	1.2E-03	1.05E-03	1.22E-06	4.31E-04	5.24E-10	1.0E+06	5.2E-04
287	0.18907	5.29E-03	1.0E-03	1.05E-03	1.05E-06	4.31E-04	4.50E-10	1.0E+06	4.5E-04
288	0.16436	5.29E-03	8.7E-04	1.05E-03	9.09E-07	4.31E-04	3.91E-10	1.0E+06	3.9E-04
289	0.14434	5.29E-03	7.6E-04	1.05E-03	7.99E-07	4.31E-04	3.44E-10	1.0E+06	3.4E-04
290	0.32669	5.29E-03	1.7E-03	1.05E-03	1.81E-06	4.31E-04	7.78E-10	1.0E+06	7.8E-04
291	0.27126	5.29E-03	1.4E-03	1.05E-03	1.50E-06	4.31E-04	6.46E-10	1.0E+06	6.5E-04
292	0.22894	5.29E-03	1.2E-03	1.05E-03	1.27E-06	4.31E-04	5.45E-10	1.0E+06	5.5E-04
293	0.19595	5.29E-03	1.0E-03	1.05E-03	1.08E-06	4.31E-04	4.67E-10	1.0E+06	4.7E-04
294	0.16976	5.29E-03	9.0E-04	1.05E-03	9.39E-07	4.31E-04	4.04E-10	1.0E+06	4.0E-04
295	0.14866	5.29E-03	7.9E-04	1.05E-03	8.22E-07	4.31E-04	3.54E-10	1.0E+06	3.5E-04
296	0.13141	5.29E-03	7.0E-04	1.05E-03	7.27E-07	4.31E-04	3.13E-10	1.0E+06	3.1E-04
297	0.28329	5.29E-03	1.5E-03	1.05E-03	1.57E-06	4.31E-04	6.75E-10	1.0E+06	6.7E-04
298	0.23817	5.29E-03	1.3E-03	1.05E-03	1.32E-06	4.31E-04	5.67E-10	1.0E+06	5.7E-04
299	0.20316	5.29E-03	1.1E-03	1.05E-03	1.12E-06	4.31E-04	4.84E-10	1.0E+06	4.8E-04
300	0.1755	5.29E-03	9.3E-04	1.05E-03	9.71E-07	4.31E-04	4.18E-10	1.0E+06	4.2E-04
301	0.15327	5.29E-03	8.1E-04	1.05E-03	8.48E-07	4.31E-04	3.65E-10	1.0E+06	3.7E-04
302	0.13517	5.29E-03	7.2E-04	1.05E-03	7.48E-07	4.31E-04	3.22E-10	1.0E+06	3.2E-04
303	0.12022	5.29E-03	6.4E-04	1.05E-03	6.65E-07	4.31E-04	2.86E-10	1.0E+06	2.9E-04
304	0.2481	5.29E-03	1.3E-03	1.05E-03	1.37E-06	4.31E-04	5.91E-10	1.0E+06	5.9E-04
305	0.21102	5.29E-03	1.1E-03	1.05E-03	1.17E-06	4.31E-04	5.03E-10	1.0E+06	5.0E-04
306	0.1818	5.29E-03	9.6E-04	1.05E-03	1.01E-06	4.31E-04	4.33E-10	1.0E+06	4.3E-04
307	0.15838	5.29E-03	8.4E-04	1.05E-03	8.76E-07	4.31E-04	3.77E-10	1.0E+06	3.8E-04
308	0.13935	5.29E-03	7.4E-04	1.05E-03	7.71E-07	4.31E-04	3.32E-10	1.0E+06	3.3E-04
309	0.12369	5.29E-03	6.5E-04	1.05E-03	6.84E-07	4.31E-04	2.95E-10	1.0E+06	2.9E-04
310	0.11065	5.29E-03	5.9E-04	1.05E-03	6.12E-07	4.31E-04	2.64E-10	1.0E+06	2.6E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
311	0.2195	5.29E-03	1.2E-03	1.05E-03	1.21E-06	4.31E-04	5.23E-10	1.0E+06	5.2E-04
312	0.18865	5.29E-03	1.0E-03	1.05E-03	1.04E-06	4.31E-04	4.49E-10	1.0E+06	4.5E-04
313	0.164	5.29E-03	8.7E-04	1.05E-03	9.07E-07	4.31E-04	3.91E-10	1.0E+06	3.9E-04
314	0.14399	5.29E-03	7.6E-04	1.05E-03	7.97E-07	4.31E-04	3.43E-10	1.0E+06	3.4E-04
315	0.12755	5.29E-03	6.8E-04	1.05E-03	7.06E-07	4.31E-04	3.04E-10	1.0E+06	3.0E-04
316	0.11388	5.29E-03	6.0E-04	1.05E-03	6.30E-07	4.31E-04	2.71E-10	1.0E+06	2.7E-04
317	0.10241	5.29E-03	5.4E-04	1.05E-03	5.67E-07	4.31E-04	2.44E-10	1.0E+06	2.4E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Grading Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	5.30E-05
2	5	5.54E-05
3	5	5.61E-05
4	5	7.74E-05
5	5	8.15E-05
6	5	8.55E-05
7	5	8.94E-05
8	5	9.32E-05
9	5	9.68E-05
10	5	1.00E-04
11	5	1.04E-04
12	5	1.07E-04
13	5	1.11E-04
14	5	1.15E-04
15	5	1.20E-04
16	5	1.27E-04
17	5	1.34E-04
18	5	1.43E-04
19	5	1.53E-04
20	5	1.64E-04
21	5	1.75E-04
22	5	1.86E-04
23	5	1.95E-04
24	5	2.02E-04
25	5	2.07E-04
26	5	5.69E-05
27	5	5.96E-05
28	5	6.05E-05
29	5	8.52E-05
30	5	9.01E-05
31	5	9.52E-05

Max	Receptor #
0.003	239

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	1.00E-04
33	5	1.05E-04
34	5	1.09E-04
35	5	1.14E-04
36	5	1.18E-04
37	5	1.23E-04
38	5	1.28E-04
39	5	1.33E-04
40	5	1.40E-04
41	5	1.48E-04
42	5	1.58E-04
43	5	1.70E-04
44	5	1.83E-04
45	5	1.97E-04
46	5	2.10E-04
47	5	2.22E-04
48	5	2.31E-04
49	5	2.38E-04
50	5	2.41E-04
51	5	6.11E-05
52	5	6.42E-05
53	5	6.54E-05
54	5	9.42E-05
55	5	1.00E-04
56	5	1.07E-04
57	5	1.13E-04
58	5	1.19E-04
59	5	1.25E-04
60	5	1.31E-04
61	5	1.36E-04
62	5	1.42E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	1.49E-04
64	5	1.56E-04
65	5	1.64E-04
66	5	1.76E-04
67	5	1.89E-04
68	5	2.05E-04
69	5	2.22E-04
70	5	2.39E-04
71	5	2.55E-04
72	5	2.67E-04
73	5	2.76E-04
74	5	2.80E-04
75	5	2.79E-04
76	5	6.58E-05
77	5	6.94E-05
78	5	7.10E-05
79	5	1.05E-04
80	5	1.12E-04
81	5	1.20E-04
82	5	1.28E-04
83	5	1.36E-04
84	5	1.44E-04
85	5	1.52E-04
86	5	1.60E-04
87	5	1.68E-04
88	5	1.76E-04
89	5	1.85E-04
90	5	1.97E-04
91	5	2.13E-04
92	5	2.32E-04
93	5	2.53E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	2.75E-04
95	5	2.96E-04
96	5	3.13E-04
97	5	3.24E-04
98	5	3.30E-04
99	5	3.28E-04
100	5	3.21E-04
101	5	7.08E-05
102	5	7.51E-05
103	5	7.74E-05
104	5	1.17E-04
105	5	1.27E-04
106	5	1.37E-04
107	5	1.47E-04
108	5	1.58E-04
109	5	1.69E-04
110	5	1.79E-04
111	5	1.90E-04
112	5	2.00E-04
113	5	2.11E-04
114	5	2.24E-04
115	5	2.41E-04
116	5	2.63E-04
117	5	2.90E-04
118	5	3.19E-04
119	5	3.47E-04
120	5	3.71E-04
121	5	3.87E-04
122	5	3.95E-04
123	5	3.93E-04
124	5	3.83E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	7.63E-05
126	5	8.13E-05
127	5	8.44E-05
128	5	1.44E-04
129	5	1.57E-04
130	5	1.71E-04
131	5	1.85E-04
132	5	2.00E-04
133	5	2.15E-04
134	5	2.30E-04
135	5	2.44E-04
136	5	2.59E-04
137	5	2.78E-04
138	5	3.03E-04
139	5	3.35E-04
140	5	3.73E-04
141	5	4.12E-04
142	5	4.47E-04
143	5	4.71E-04
144	5	4.81E-04
145	5	4.78E-04
146	5	4.64E-04
147	5	8.20E-05
148	5	8.79E-05
149	5	9.22E-05
150	5	1.65E-04
151	5	1.81E-04
152	5	2.00E-04
153	5	2.20E-04
154	5	2.41E-04
155	5	2.64E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	2.84E-04
157	5	3.04E-04
158	5	3.26E-04
159	5	3.55E-04
160	5	3.93E-04
161	5	4.42E-04
162	5	4.96E-04
163	5	5.47E-04
164	5	5.84E-04
165	5	6.00E-04
166	5	5.96E-04
167	5	5.73E-04
168	5	5.38E-04
169	5	8.82E-05
170	5	9.50E-05
171	5	1.01E-04
172	5	1.07E-04
173	5	1.91E-04
174	5	2.12E-04
175	5	2.38E-04
176	5	2.66E-04
177	5	2.97E-04
178	5	3.30E-04
179	5	3.60E-04
180	5	3.91E-04
181	5	4.24E-04
182	5	4.69E-04
183	5	7.63E-04
184	5	7.28E-04
185	5	1.03E-04
186	5	1.10E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	1.17E-04
188	5	2.22E-04
189	5	2.52E-04
190	5	2.86E-04
191	5	3.27E-04
192	5	3.75E-04
193	5	4.24E-04
194	5	4.72E-04
195	5	5.20E-04
196	5	5.75E-04
197	5	6.52E-04
198	5	1.19E-04
199	5	1.29E-04
200	5	1.29E-04
201	5	1.42E-04
202	5	1.55E-04
203	5	1.54E-04
204	5	1.72E-04
205	5	1.91E-04
206	5	1.88E-04
207	5	2.13E-04
208	5	2.43E-04
209	5	2.05E-04
210	5	2.37E-04
211	5	2.72E-04
212	5	2.61E-04
213	5	3.08E-04
214	5	3.62E-04
215	5	2.89E-04
216	5	3.44E-04
217	5	4.10E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	4.62E-04
219	5	5.75E-04
220	5	5.11E-04
221	5	6.31E-04
222	5	5.42E-04
223	5	6.62E-04
224	5	8.31E-04
225	5	6.56E-04
226	5	7.93E-04
227	5	2.23E-04
228	5	1.94E-04
229	5	1.70E-04
230	5	1.50E-04
231	5	1.97E-04
232	5	1.73E-04
233	5	1.53E-04
234	5	1.36E-04
235	5	1.75E-04
236	5	1.55E-04
237	5	1.39E-04
238	5	1.24E-04
239	5	2.66E-03
240	5	2.30E-03
241	5	1.97E-03
242	5	1.68E-03
243	5	2.01E-03
244	5	1.78E-03
245	5	1.56E-03
246	5	1.36E-03
247	5	1.57E-03
248	5	1.41E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	1.26E-03
250	5	1.12E-03
251	5	5.04E-04
252	5	4.65E-04
253	5	5.50E-04
254	5	5.14E-04
255	5	4.46E-04
256	5	4.14E-04
257	5	3.31E-04
258	5	4.82E-04
259	5	4.52E-04
260	5	4.24E-04
261	5	3.97E-04
262	5	3.71E-04
263	5	3.02E-04
264	5	4.01E-04
265	5	3.78E-04
266	5	3.56E-04
267	5	3.34E-04
268	5	2.76E-04
269	5	5.22E-04
270	5	4.23E-04
271	5	3.49E-04
272	5	2.92E-04
273	5	2.48E-04
274	5	2.13E-04
275	5	1.85E-04
276	5	4.62E-04
277	5	3.76E-04
278	5	3.11E-04
279	5	2.62E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	2.23E-04
281	5	1.93E-04
282	5	1.68E-04
283	5	4.01E-04
284	5	3.29E-04
285	5	2.75E-04
286	5	2.33E-04
287	5	2.00E-04
288	5	1.74E-04
289	5	1.53E-04
290	5	3.46E-04
291	5	2.87E-04
292	5	2.42E-04
293	5	2.07E-04
294	5	1.80E-04
295	5	1.57E-04
296	5	1.39E-04
297	5	3.00E-04
298	5	2.52E-04
299	5	2.15E-04
300	5	1.86E-04
301	5	1.62E-04
302	5	1.43E-04
303	5	1.27E-04
304	5	2.63E-04
305	5	2.23E-04
306	5	1.92E-04
307	5	1.68E-04
308	5	1.48E-04
309	5	1.31E-04
310	5	1.17E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	2.32E-04
312	5	2.00E-04
313	5	1.74E-04
314	5	1.52E-04
315	5	1.35E-04
316	5	1.21E-04
317	5	1.08E-04



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Parcel 5-F: Unmitigated - Parcel 5 - Building Construction Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.04993	4.04E-03	2.0E-04	1.05E-03	2.11E-07	4.31E-04	9.07E-11	1.0E+06	9.1E-05
2	0.05214	4.04E-03	2.1E-04	1.05E-03	2.20E-07	4.31E-04	9.47E-11	1.0E+06	9.5E-05
3	0.05283	4.04E-03	2.1E-04	1.05E-03	2.23E-07	4.31E-04	9.59E-11	1.0E+06	9.6E-05
4	0.0729	4.04E-03	2.9E-04	1.05E-03	3.08E-07	4.31E-04	1.32E-10	1.0E+06	1.3E-04
5	0.07678	4.04E-03	3.1E-04	1.05E-03	3.24E-07	4.31E-04	1.39E-10	1.0E+06	1.4E-04
6	0.08066	4.04E-03	3.3E-04	1.05E-03	3.40E-07	4.31E-04	1.46E-10	1.0E+06	1.5E-04
7	0.08445	4.04E-03	3.4E-04	1.05E-03	3.56E-07	4.31E-04	1.53E-10	1.0E+06	1.5E-04
8	0.0881	4.04E-03	3.6E-04	1.05E-03	3.72E-07	4.31E-04	1.60E-10	1.0E+06	1.6E-04
9	0.09158	4.04E-03	3.7E-04	1.05E-03	3.86E-07	4.31E-04	1.66E-10	1.0E+06	1.7E-04
10	0.09489	4.04E-03	3.8E-04	1.05E-03	4.00E-07	4.31E-04	1.72E-10	1.0E+06	1.7E-04
11	0.09809	4.04E-03	4.0E-04	1.05E-03	4.14E-07	4.31E-04	1.78E-10	1.0E+06	1.8E-04
12	0.10135	4.04E-03	4.1E-04	1.05E-03	4.28E-07	4.31E-04	1.84E-10	1.0E+06	1.8E-04
13	0.10502	4.04E-03	4.2E-04	1.05E-03	4.43E-07	4.31E-04	1.91E-10	1.0E+06	1.9E-04
14	0.10894	4.04E-03	4.4E-04	1.05E-03	4.60E-07	4.31E-04	1.98E-10	1.0E+06	2.0E-04
15	0.11347	4.04E-03	4.6E-04	1.05E-03	4.79E-07	4.31E-04	2.06E-10	1.0E+06	2.1E-04
16	0.11919	4.04E-03	4.8E-04	1.05E-03	5.03E-07	4.31E-04	2.16E-10	1.0E+06	2.2E-04
17	0.12622	4.04E-03	5.1E-04	1.05E-03	5.32E-07	4.31E-04	2.29E-10	1.0E+06	2.3E-04
18	0.13452	4.04E-03	5.4E-04	1.05E-03	5.67E-07	4.31E-04	2.44E-10	1.0E+06	2.4E-04
19	0.14409	4.04E-03	5.8E-04	1.05E-03	6.08E-07	4.31E-04	2.62E-10	1.0E+06	2.6E-04
20	0.15452	4.04E-03	6.2E-04	1.05E-03	6.52E-07	4.31E-04	2.81E-10	1.0E+06	2.8E-04
21	0.1652	4.04E-03	6.7E-04	1.05E-03	6.97E-07	4.31E-04	3.00E-10	1.0E+06	3.0E-04
22	0.17547	4.04E-03	7.1E-04	1.05E-03	7.40E-07	4.31E-04	3.19E-10	1.0E+06	3.2E-04
23	0.18464	4.04E-03	7.5E-04	1.05E-03	7.79E-07	4.31E-04	3.35E-10	1.0E+06	3.4E-04
24	0.19208	4.04E-03	7.8E-04	1.05E-03	8.10E-07	4.31E-04	3.49E-10	1.0E+06	3.5E-04
25	0.19732	4.04E-03	8.0E-04	1.05E-03	8.32E-07	4.31E-04	3.58E-10	1.0E+06	3.6E-04
26	0.05355	4.04E-03	2.2E-04	1.05E-03	2.26E-07	4.31E-04	9.72E-11	1.0E+06	9.7E-05
27	0.05607	4.04E-03	2.3E-04	1.05E-03	2.37E-07	4.31E-04	1.02E-10	1.0E+06	1.0E-04
28	0.05691	4.04E-03	2.3E-04	1.05E-03	2.40E-07	4.31E-04	1.03E-10	1.0E+06	1.0E-04
29	0.08015	4.04E-03	3.2E-04	1.05E-03	3.38E-07	4.31E-04	1.46E-10	1.0E+06	1.5E-04
30	0.0849	4.04E-03	3.4E-04	1.05E-03	3.58E-07	4.31E-04	1.54E-10	1.0E+06	1.5E-04
31	0.08973	4.04E-03	3.6E-04	1.05E-03	3.78E-07	4.31E-04	1.63E-10	1.0E+06	1.6E-04

<b>Max</b>	<b>Receptor #</b>
0.004	239

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.09451	4.04E-03	3.8E-04	1.05E-03	3.99E-07	4.31E-04	1.72E-10	1.0E+06	1.7E-04
33	0.09914	4.04E-03	4.0E-04	1.05E-03	4.18E-07	4.31E-04	1.80E-10	1.0E+06	1.8E-04
34	0.10356	4.04E-03	4.2E-04	1.05E-03	4.37E-07	4.31E-04	1.88E-10	1.0E+06	1.9E-04
35	0.10779	4.04E-03	4.4E-04	1.05E-03	4.55E-07	4.31E-04	1.96E-10	1.0E+06	2.0E-04
36	0.11184	4.04E-03	4.5E-04	1.05E-03	4.72E-07	4.31E-04	2.03E-10	1.0E+06	2.0E-04
37	0.11621	4.04E-03	4.7E-04	1.05E-03	4.90E-07	4.31E-04	2.11E-10	1.0E+06	2.1E-04
38	0.12086	4.04E-03	4.9E-04	1.05E-03	5.10E-07	4.31E-04	2.19E-10	1.0E+06	2.2E-04
39	0.12569	4.04E-03	5.1E-04	1.05E-03	5.30E-07	4.31E-04	2.28E-10	1.0E+06	2.3E-04
40	0.13159	4.04E-03	5.3E-04	1.05E-03	5.55E-07	4.31E-04	2.39E-10	1.0E+06	2.4E-04
41	0.1392	4.04E-03	5.6E-04	1.05E-03	5.87E-07	4.31E-04	2.53E-10	1.0E+06	2.5E-04
42	0.14843	4.04E-03	6.0E-04	1.05E-03	6.26E-07	4.31E-04	2.70E-10	1.0E+06	2.7E-04
43	0.15946	4.04E-03	6.4E-04	1.05E-03	6.73E-07	4.31E-04	2.90E-10	1.0E+06	2.9E-04
44	0.17195	4.04E-03	6.9E-04	1.05E-03	7.25E-07	4.31E-04	3.12E-10	1.0E+06	3.1E-04
45	0.18517	4.04E-03	7.5E-04	1.05E-03	7.81E-07	4.31E-04	3.36E-10	1.0E+06	3.4E-04
46	0.19819	4.04E-03	8.0E-04	1.05E-03	8.36E-07	4.31E-04	3.60E-10	1.0E+06	3.6E-04
47	0.21	4.04E-03	8.5E-04	1.05E-03	8.86E-07	4.31E-04	3.81E-10	1.0E+06	3.8E-04
48	0.21968	4.04E-03	8.9E-04	1.05E-03	9.27E-07	4.31E-04	3.99E-10	1.0E+06	4.0E-04
49	0.22651	4.04E-03	9.1E-04	1.05E-03	9.55E-07	4.31E-04	4.11E-10	1.0E+06	4.1E-04
50	0.23006	4.04E-03	9.3E-04	1.05E-03	9.70E-07	4.31E-04	4.18E-10	1.0E+06	4.2E-04
51	0.05752	4.04E-03	2.3E-04	1.05E-03	2.43E-07	4.31E-04	1.04E-10	1.0E+06	1.0E-04
52	0.06044	4.04E-03	2.4E-04	1.05E-03	2.55E-07	4.31E-04	1.10E-10	1.0E+06	1.1E-04
53	0.06154	4.04E-03	2.5E-04	1.05E-03	2.60E-07	4.31E-04	1.12E-10	1.0E+06	1.1E-04
54	0.08856	4.04E-03	3.6E-04	1.05E-03	3.74E-07	4.31E-04	1.61E-10	1.0E+06	1.6E-04
55	0.09438	4.04E-03	3.8E-04	1.05E-03	3.98E-07	4.31E-04	1.71E-10	1.0E+06	1.7E-04
56	0.10041	4.04E-03	4.1E-04	1.05E-03	4.24E-07	4.31E-04	1.82E-10	1.0E+06	1.8E-04
57	0.1065	4.04E-03	4.3E-04	1.05E-03	4.49E-07	4.31E-04	1.93E-10	1.0E+06	1.9E-04
58	0.11245	4.04E-03	4.5E-04	1.05E-03	4.74E-07	4.31E-04	2.04E-10	1.0E+06	2.0E-04
59	0.11822	4.04E-03	4.8E-04	1.05E-03	4.99E-07	4.31E-04	2.15E-10	1.0E+06	2.1E-04
60	0.12373	4.04E-03	5.0E-04	1.05E-03	5.22E-07	4.31E-04	2.25E-10	1.0E+06	2.2E-04
61	0.12899	4.04E-03	5.2E-04	1.05E-03	5.44E-07	4.31E-04	2.34E-10	1.0E+06	2.3E-04
62	0.13479	4.04E-03	5.4E-04	1.05E-03	5.69E-07	4.31E-04	2.45E-10	1.0E+06	2.4E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
63	0.1406	4.04E-03	5.7E-04	1.05E-03	5.93E-07	4.31E-04	2.55E-10	1.0E+06	2.6E-04
64	0.14692	4.04E-03	5.9E-04	1.05E-03	6.20E-07	4.31E-04	2.67E-10	1.0E+06	2.7E-04
65	0.15477	4.04E-03	6.2E-04	1.05E-03	6.53E-07	4.31E-04	2.81E-10	1.0E+06	2.8E-04
66	0.16507	4.04E-03	6.7E-04	1.05E-03	6.96E-07	4.31E-04	3.00E-10	1.0E+06	3.0E-04
67	0.17757	4.04E-03	7.2E-04	1.05E-03	7.49E-07	4.31E-04	3.22E-10	1.0E+06	3.2E-04
68	0.19243	4.04E-03	7.8E-04	1.05E-03	8.12E-07	4.31E-04	3.49E-10	1.0E+06	3.5E-04
69	0.20884	4.04E-03	8.4E-04	1.05E-03	8.81E-07	4.31E-04	3.79E-10	1.0E+06	3.8E-04
70	0.22551	4.04E-03	9.1E-04	1.05E-03	9.51E-07	4.31E-04	4.10E-10	1.0E+06	4.1E-04
71	0.24099	4.04E-03	9.7E-04	1.05E-03	1.02E-06	4.31E-04	4.38E-10	1.0E+06	4.4E-04
72	0.25386	4.04E-03	1.0E-03	1.05E-03	1.07E-06	4.31E-04	4.61E-10	1.0E+06	4.6E-04
73	0.26297	4.04E-03	1.1E-03	1.05E-03	1.11E-06	4.31E-04	4.78E-10	1.0E+06	4.8E-04
74	0.26766	4.04E-03	1.1E-03	1.05E-03	1.13E-06	4.31E-04	4.86E-10	1.0E+06	4.9E-04
75	0.26776	4.04E-03	1.1E-03	1.05E-03	1.13E-06	4.31E-04	4.86E-10	1.0E+06	4.9E-04
76	0.06185	4.04E-03	2.5E-04	1.05E-03	2.61E-07	4.31E-04	1.12E-10	1.0E+06	1.1E-04
77	0.06526	4.04E-03	2.6E-04	1.05E-03	2.75E-07	4.31E-04	1.19E-10	1.0E+06	1.2E-04
78	0.0668	4.04E-03	2.7E-04	1.05E-03	2.82E-07	4.31E-04	1.21E-10	1.0E+06	1.2E-04
79	0.09839	4.04E-03	4.0E-04	1.05E-03	4.15E-07	4.31E-04	1.79E-10	1.0E+06	1.8E-04
80	0.10553	4.04E-03	4.3E-04	1.05E-03	4.45E-07	4.31E-04	1.92E-10	1.0E+06	1.9E-04
81	0.11311	4.04E-03	4.6E-04	1.05E-03	4.77E-07	4.31E-04	2.05E-10	1.0E+06	2.1E-04
82	0.12091	4.04E-03	4.9E-04	1.05E-03	5.10E-07	4.31E-04	2.20E-10	1.0E+06	2.2E-04
83	0.12872	4.04E-03	5.2E-04	1.05E-03	5.43E-07	4.31E-04	2.34E-10	1.0E+06	2.3E-04
84	0.13636	4.04E-03	5.5E-04	1.05E-03	5.75E-07	4.31E-04	2.48E-10	1.0E+06	2.5E-04
85	0.14371	4.04E-03	5.8E-04	1.05E-03	6.06E-07	4.31E-04	2.61E-10	1.0E+06	2.6E-04
86	0.15136	4.04E-03	6.1E-04	1.05E-03	6.38E-07	4.31E-04	2.75E-10	1.0E+06	2.7E-04
87	0.15869	4.04E-03	6.4E-04	1.05E-03	6.69E-07	4.31E-04	2.88E-10	1.0E+06	2.9E-04
88	0.16593	4.04E-03	6.7E-04	1.05E-03	7.00E-07	4.31E-04	3.01E-10	1.0E+06	3.0E-04
89	0.1744	4.04E-03	7.0E-04	1.05E-03	7.36E-07	4.31E-04	3.17E-10	1.0E+06	3.2E-04
90	0.18526	4.04E-03	7.5E-04	1.05E-03	7.81E-07	4.31E-04	3.36E-10	1.0E+06	3.4E-04
91	0.19939	4.04E-03	8.0E-04	1.05E-03	8.41E-07	4.31E-04	3.62E-10	1.0E+06	3.6E-04
92	0.21679	4.04E-03	8.7E-04	1.05E-03	9.14E-07	4.31E-04	3.94E-10	1.0E+06	3.9E-04
93	0.23708	4.04E-03	9.6E-04	1.05E-03	1.00E-06	4.31E-04	4.31E-10	1.0E+06	4.3E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.25863	4.04E-03	1.0E-03	1.05E-03	1.09E-06	4.31E-04	4.70E-10	1.0E+06	4.7E-04
95	0.27927	4.04E-03	1.1E-03	1.05E-03	1.18E-06	4.31E-04	5.07E-10	1.0E+06	5.1E-04
96	0.29676	4.04E-03	1.2E-03	1.05E-03	1.25E-06	4.31E-04	5.39E-10	1.0E+06	5.4E-04
97	0.30927	4.04E-03	1.2E-03	1.05E-03	1.30E-06	4.31E-04	5.62E-10	1.0E+06	5.6E-04
98	0.31567	4.04E-03	1.3E-03	1.05E-03	1.33E-06	4.31E-04	5.73E-10	1.0E+06	5.7E-04
99	0.31568	4.04E-03	1.3E-03	1.05E-03	1.33E-06	4.31E-04	5.73E-10	1.0E+06	5.7E-04
100	0.30976	4.04E-03	1.3E-03	1.05E-03	1.31E-06	4.31E-04	5.63E-10	1.0E+06	5.6E-04
101	0.06654	4.04E-03	2.7E-04	1.05E-03	2.81E-07	4.31E-04	1.21E-10	1.0E+06	1.2E-04
102	0.07055	4.04E-03	2.8E-04	1.05E-03	2.98E-07	4.31E-04	1.28E-10	1.0E+06	1.3E-04
103	0.0727	4.04E-03	2.9E-04	1.05E-03	3.07E-07	4.31E-04	1.32E-10	1.0E+06	1.3E-04
104	0.11001	4.04E-03	4.4E-04	1.05E-03	4.64E-07	4.31E-04	2.00E-10	1.0E+06	2.0E-04
105	0.1188	4.04E-03	4.8E-04	1.05E-03	5.01E-07	4.31E-04	2.16E-10	1.0E+06	2.2E-04
106	0.12837	4.04E-03	5.2E-04	1.05E-03	5.41E-07	4.31E-04	2.33E-10	1.0E+06	2.3E-04
107	0.1385	4.04E-03	5.6E-04	1.05E-03	5.84E-07	4.31E-04	2.52E-10	1.0E+06	2.5E-04
108	0.14889	4.04E-03	6.0E-04	1.05E-03	6.28E-07	4.31E-04	2.70E-10	1.0E+06	2.7E-04
109	0.15918	4.04E-03	6.4E-04	1.05E-03	6.71E-07	4.31E-04	2.89E-10	1.0E+06	2.9E-04
110	0.16935	4.04E-03	6.8E-04	1.05E-03	7.14E-07	4.31E-04	3.08E-10	1.0E+06	3.1E-04
111	0.18008	4.04E-03	7.3E-04	1.05E-03	7.60E-07	4.31E-04	3.27E-10	1.0E+06	3.3E-04
112	0.1894	4.04E-03	7.6E-04	1.05E-03	7.99E-07	4.31E-04	3.44E-10	1.0E+06	3.4E-04
113	0.19922	4.04E-03	8.0E-04	1.05E-03	8.40E-07	4.31E-04	3.62E-10	1.0E+06	3.6E-04
114	0.21093	4.04E-03	8.5E-04	1.05E-03	8.90E-07	4.31E-04	3.83E-10	1.0E+06	3.8E-04
115	0.22626	4.04E-03	9.1E-04	1.05E-03	9.54E-07	4.31E-04	4.11E-10	1.0E+06	4.1E-04
116	0.24619	4.04E-03	9.9E-04	1.05E-03	1.04E-06	4.31E-04	4.47E-10	1.0E+06	4.5E-04
117	0.27105	4.04E-03	1.1E-03	1.05E-03	1.14E-06	4.31E-04	4.92E-10	1.0E+06	4.9E-04
118	0.29906	4.04E-03	1.2E-03	1.05E-03	1.26E-06	4.31E-04	5.43E-10	1.0E+06	5.4E-04
119	0.32706	4.04E-03	1.3E-03	1.05E-03	1.38E-06	4.31E-04	5.94E-10	1.0E+06	5.9E-04
120	0.35148	4.04E-03	1.4E-03	1.05E-03	1.48E-06	4.31E-04	6.38E-10	1.0E+06	6.4E-04
121	0.36921	4.04E-03	1.5E-03	1.05E-03	1.56E-06	4.31E-04	6.70E-10	1.0E+06	6.7E-04
122	0.37828	4.04E-03	1.5E-03	1.05E-03	1.60E-06	4.31E-04	6.87E-10	1.0E+06	6.9E-04
123	0.37817	4.04E-03	1.5E-03	1.05E-03	1.60E-06	4.31E-04	6.87E-10	1.0E+06	6.9E-04
124	0.36965	4.04E-03	1.5E-03	1.05E-03	1.56E-06	4.31E-04	6.71E-10	1.0E+06	6.7E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
125	0.07156	4.04E-03	2.9E-04	1.05E-03	3.02E-07	4.31E-04	1.30E-10	1.0E+06	1.3E-04
126	0.07626	4.04E-03	3.1E-04	1.05E-03	3.22E-07	4.31E-04	1.38E-10	1.0E+06	1.4E-04
127	0.07917	4.04E-03	3.2E-04	1.05E-03	3.34E-07	4.31E-04	1.44E-10	1.0E+06	1.4E-04
128	0.13477	4.04E-03	5.4E-04	1.05E-03	5.68E-07	4.31E-04	2.45E-10	1.0E+06	2.4E-04
129	0.14693	4.04E-03	5.9E-04	1.05E-03	6.20E-07	4.31E-04	2.67E-10	1.0E+06	2.7E-04
130	0.16024	4.04E-03	6.5E-04	1.05E-03	6.76E-07	4.31E-04	2.91E-10	1.0E+06	2.9E-04
131	0.17422	4.04E-03	7.0E-04	1.05E-03	7.35E-07	4.31E-04	3.16E-10	1.0E+06	3.2E-04
132	0.18839	4.04E-03	7.6E-04	1.05E-03	7.95E-07	4.31E-04	3.42E-10	1.0E+06	3.4E-04
133	0.20316	4.04E-03	8.2E-04	1.05E-03	8.57E-07	4.31E-04	3.69E-10	1.0E+06	3.7E-04
134	0.21739	4.04E-03	8.8E-04	1.05E-03	9.17E-07	4.31E-04	3.95E-10	1.0E+06	3.9E-04
135	0.2304	4.04E-03	9.3E-04	1.05E-03	9.72E-07	4.31E-04	4.18E-10	1.0E+06	4.2E-04
136	0.24414	4.04E-03	9.9E-04	1.05E-03	1.03E-06	4.31E-04	4.43E-10	1.0E+06	4.4E-04
137	0.26087	4.04E-03	1.1E-03	1.05E-03	1.10E-06	4.31E-04	4.74E-10	1.0E+06	4.7E-04
138	0.28342	4.04E-03	1.1E-03	1.05E-03	1.20E-06	4.31E-04	5.15E-10	1.0E+06	5.1E-04
139	0.31248	4.04E-03	1.3E-03	1.05E-03	1.32E-06	4.31E-04	5.67E-10	1.0E+06	5.7E-04
140	0.34851	4.04E-03	1.4E-03	1.05E-03	1.47E-06	4.31E-04	6.33E-10	1.0E+06	6.3E-04
141	0.38709	4.04E-03	1.6E-03	1.05E-03	1.63E-06	4.31E-04	7.03E-10	1.0E+06	7.0E-04
142	0.42229	4.04E-03	1.7E-03	1.05E-03	1.78E-06	4.31E-04	7.67E-10	1.0E+06	7.7E-04
143	0.44851	4.04E-03	1.8E-03	1.05E-03	1.89E-06	4.31E-04	8.15E-10	1.0E+06	8.1E-04
144	0.46198	4.04E-03	1.9E-03	1.05E-03	1.95E-06	4.31E-04	8.39E-10	1.0E+06	8.4E-04
145	0.46176	4.04E-03	1.9E-03	1.05E-03	1.95E-06	4.31E-04	8.39E-10	1.0E+06	8.4E-04
146	0.44916	4.04E-03	1.8E-03	1.05E-03	1.89E-06	4.31E-04	8.16E-10	1.0E+06	8.2E-04
147	0.07691	4.04E-03	3.1E-04	1.05E-03	3.24E-07	4.31E-04	1.40E-10	1.0E+06	1.4E-04
148	0.08242	4.04E-03	3.3E-04	1.05E-03	3.48E-07	4.31E-04	1.50E-10	1.0E+06	1.5E-04
149	0.08644	4.04E-03	3.5E-04	1.05E-03	3.65E-07	4.31E-04	1.57E-10	1.0E+06	1.6E-04
150	0.15421	4.04E-03	6.2E-04	1.05E-03	6.50E-07	4.31E-04	2.80E-10	1.0E+06	2.8E-04
151	0.16979	4.04E-03	6.9E-04	1.05E-03	7.16E-07	4.31E-04	3.08E-10	1.0E+06	3.1E-04
152	0.18737	4.04E-03	7.6E-04	1.05E-03	7.90E-07	4.31E-04	3.40E-10	1.0E+06	3.4E-04
153	0.20654	4.04E-03	8.3E-04	1.05E-03	8.71E-07	4.31E-04	3.75E-10	1.0E+06	3.8E-04
154	0.22653	4.04E-03	9.1E-04	1.05E-03	9.56E-07	4.31E-04	4.11E-10	1.0E+06	4.1E-04
155	0.24861	4.04E-03	1.0E-03	1.05E-03	1.05E-06	4.31E-04	4.51E-10	1.0E+06	4.5E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.26805	4.04E-03	1.1E-03	1.05E-03	1.13E-06	4.31E-04	4.87E-10	1.0E+06	4.9E-04
157	0.28684	4.04E-03	1.2E-03	1.05E-03	1.21E-06	4.31E-04	5.21E-10	1.0E+06	5.2E-04
158	0.30682	4.04E-03	1.2E-03	1.05E-03	1.29E-06	4.31E-04	5.57E-10	1.0E+06	5.6E-04
159	0.33174	4.04E-03	1.3E-03	1.05E-03	1.40E-06	4.31E-04	6.02E-10	1.0E+06	6.0E-04
160	0.36566	4.04E-03	1.5E-03	1.05E-03	1.54E-06	4.31E-04	6.64E-10	1.0E+06	6.6E-04
161	0.41025	4.04E-03	1.7E-03	1.05E-03	1.73E-06	4.31E-04	7.45E-10	1.0E+06	7.5E-04
162	0.4634	4.04E-03	1.9E-03	1.05E-03	1.95E-06	4.31E-04	8.42E-10	1.0E+06	8.4E-04
163	0.51524	4.04E-03	2.1E-03	1.05E-03	2.17E-06	4.31E-04	9.36E-10	1.0E+06	9.4E-04
164	0.55567	4.04E-03	2.2E-03	1.05E-03	2.34E-06	4.31E-04	1.01E-09	1.0E+06	1.0E-03
165	0.57699	4.04E-03	2.3E-03	1.05E-03	2.43E-06	4.31E-04	1.05E-09	1.0E+06	1.0E-03
166	0.57693	4.04E-03	2.3E-03	1.05E-03	2.43E-06	4.31E-04	1.05E-09	1.0E+06	1.0E-03
167	0.55776	4.04E-03	2.3E-03	1.05E-03	2.35E-06	4.31E-04	1.01E-09	1.0E+06	1.0E-03
168	0.52444	4.04E-03	2.1E-03	1.05E-03	2.21E-06	4.31E-04	9.52E-10	1.0E+06	9.5E-04
169	0.08253	4.04E-03	3.3E-04	1.05E-03	3.48E-07	4.31E-04	1.50E-10	1.0E+06	1.5E-04
170	0.08897	4.04E-03	3.6E-04	1.05E-03	3.75E-07	4.31E-04	1.62E-10	1.0E+06	1.6E-04
171	0.09452	4.04E-03	3.8E-04	1.05E-03	3.99E-07	4.31E-04	1.72E-10	1.0E+06	1.7E-04
172	0.10007	4.04E-03	4.0E-04	1.05E-03	4.22E-07	4.31E-04	1.82E-10	1.0E+06	1.8E-04
173	0.17804	4.04E-03	7.2E-04	1.05E-03	7.51E-07	4.31E-04	3.23E-10	1.0E+06	3.2E-04
174	0.19837	4.04E-03	8.0E-04	1.05E-03	8.37E-07	4.31E-04	3.60E-10	1.0E+06	3.6E-04
175	0.22194	4.04E-03	9.0E-04	1.05E-03	9.36E-07	4.31E-04	4.03E-10	1.0E+06	4.0E-04
176	0.24854	4.04E-03	1.0E-03	1.05E-03	1.05E-06	4.31E-04	4.51E-10	1.0E+06	4.5E-04
177	0.27815	4.04E-03	1.1E-03	1.05E-03	1.17E-06	4.31E-04	5.05E-10	1.0E+06	5.1E-04
178	0.30999	4.04E-03	1.3E-03	1.05E-03	1.31E-06	4.31E-04	5.63E-10	1.0E+06	5.6E-04
179	0.3392	4.04E-03	1.4E-03	1.05E-03	1.43E-06	4.31E-04	6.16E-10	1.0E+06	6.2E-04
180	0.3677	4.04E-03	1.5E-03	1.05E-03	1.55E-06	4.31E-04	6.68E-10	1.0E+06	6.7E-04
181	0.39778	4.04E-03	1.6E-03	1.05E-03	1.68E-06	4.31E-04	7.22E-10	1.0E+06	7.2E-04
182	0.43649	4.04E-03	1.8E-03	1.05E-03	1.84E-06	4.31E-04	7.93E-10	1.0E+06	7.9E-04
183	0.74151	4.04E-03	3.0E-03	1.05E-03	3.13E-06	4.31E-04	1.35E-09	1.0E+06	1.3E-03
184	0.71132	4.04E-03	2.9E-03	1.05E-03	3.00E-06	4.31E-04	1.29E-09	1.0E+06	1.3E-03
185	0.09584	4.04E-03	3.9E-04	1.05E-03	4.04E-07	4.31E-04	1.74E-10	1.0E+06	1.7E-04
186	0.10309	4.04E-03	4.2E-04	1.05E-03	4.35E-07	4.31E-04	1.87E-10	1.0E+06	1.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
187	0.10974	4.04E-03	4.4E-04	1.05E-03	4.63E-07	4.31E-04	1.99E-10	1.0E+06	2.0E-04
188	0.20719	4.04E-03	8.4E-04	1.05E-03	8.74E-07	4.31E-04	3.76E-10	1.0E+06	3.8E-04
189	0.23432	4.04E-03	9.5E-04	1.05E-03	9.88E-07	4.31E-04	4.26E-10	1.0E+06	4.3E-04
190	0.26652	4.04E-03	1.1E-03	1.05E-03	1.12E-06	4.31E-04	4.84E-10	1.0E+06	4.8E-04
191	0.30437	4.04E-03	1.2E-03	1.05E-03	1.28E-06	4.31E-04	5.53E-10	1.0E+06	5.5E-04
192	0.34991	4.04E-03	1.4E-03	1.05E-03	1.48E-06	4.31E-04	6.35E-10	1.0E+06	6.4E-04
193	0.3969	4.04E-03	1.6E-03	1.05E-03	1.67E-06	4.31E-04	7.21E-10	1.0E+06	7.2E-04
194	0.44336	4.04E-03	1.8E-03	1.05E-03	1.87E-06	4.31E-04	8.05E-10	1.0E+06	8.1E-04
195	0.48851	4.04E-03	2.0E-03	1.05E-03	2.06E-06	4.31E-04	8.87E-10	1.0E+06	8.9E-04
196	0.5362	4.04E-03	2.2E-03	1.05E-03	2.26E-06	4.31E-04	9.74E-10	1.0E+06	9.7E-04
197	0.60081	4.04E-03	2.4E-03	1.05E-03	2.53E-06	4.31E-04	1.09E-09	1.0E+06	1.1E-03
198	0.11118	4.04E-03	4.5E-04	1.05E-03	4.69E-07	4.31E-04	2.02E-10	1.0E+06	2.0E-04
199	0.12072	4.04E-03	4.9E-04	1.05E-03	5.09E-07	4.31E-04	2.19E-10	1.0E+06	2.2E-04
200	0.11992	4.04E-03	4.8E-04	1.05E-03	5.06E-07	4.31E-04	2.18E-10	1.0E+06	2.2E-04
201	0.13201	4.04E-03	5.3E-04	1.05E-03	5.57E-07	4.31E-04	2.40E-10	1.0E+06	2.4E-04
202	0.14373	4.04E-03	5.8E-04	1.05E-03	6.06E-07	4.31E-04	2.61E-10	1.0E+06	2.6E-04
203	0.14285	4.04E-03	5.8E-04	1.05E-03	6.03E-07	4.31E-04	2.59E-10	1.0E+06	2.6E-04
204	0.15947	4.04E-03	6.4E-04	1.05E-03	6.73E-07	4.31E-04	2.90E-10	1.0E+06	2.9E-04
205	0.17737	4.04E-03	7.2E-04	1.05E-03	7.48E-07	4.31E-04	3.22E-10	1.0E+06	3.2E-04
206	0.17415	4.04E-03	7.0E-04	1.05E-03	7.35E-07	4.31E-04	3.16E-10	1.0E+06	3.2E-04
207	0.19666	4.04E-03	7.9E-04	1.05E-03	8.30E-07	4.31E-04	3.57E-10	1.0E+06	3.6E-04
208	0.22402	4.04E-03	9.0E-04	1.05E-03	9.45E-07	4.31E-04	4.07E-10	1.0E+06	4.1E-04
209	0.18933	4.04E-03	7.6E-04	1.05E-03	7.99E-07	4.31E-04	3.44E-10	1.0E+06	3.4E-04
210	0.21782	4.04E-03	8.8E-04	1.05E-03	9.19E-07	4.31E-04	3.96E-10	1.0E+06	4.0E-04
211	0.25002	4.04E-03	1.0E-03	1.05E-03	1.05E-06	4.31E-04	4.54E-10	1.0E+06	4.5E-04
212	0.23976	4.04E-03	9.7E-04	1.05E-03	1.01E-06	4.31E-04	4.35E-10	1.0E+06	4.4E-04
213	0.28182	4.04E-03	1.1E-03	1.05E-03	1.19E-06	4.31E-04	5.12E-10	1.0E+06	5.1E-04
214	0.33022	4.04E-03	1.3E-03	1.05E-03	1.39E-06	4.31E-04	6.00E-10	1.0E+06	6.0E-04
215	0.26467	4.04E-03	1.1E-03	1.05E-03	1.12E-06	4.31E-04	4.81E-10	1.0E+06	4.8E-04
216	0.31422	4.04E-03	1.3E-03	1.05E-03	1.33E-06	4.31E-04	5.71E-10	1.0E+06	5.7E-04
217	0.37288	4.04E-03	1.5E-03	1.05E-03	1.57E-06	4.31E-04	6.77E-10	1.0E+06	6.8E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
218	0.42044	4.04E-03	1.7E-03	1.05E-03	1.77E-06	4.31E-04	7.64E-10	1.0E+06	7.6E-04
219	0.52071	4.04E-03	2.1E-03	1.05E-03	2.20E-06	4.31E-04	9.46E-10	1.0E+06	9.5E-04
220	0.46572	4.04E-03	1.9E-03	1.05E-03	1.96E-06	4.31E-04	8.46E-10	1.0E+06	8.5E-04
221	0.57246	4.04E-03	2.3E-03	1.05E-03	2.41E-06	4.31E-04	1.04E-09	1.0E+06	1.0E-03
222	0.49461	4.04E-03	2.0E-03	1.05E-03	2.09E-06	4.31E-04	8.98E-10	1.0E+06	9.0E-04
223	0.6015	4.04E-03	2.4E-03	1.05E-03	2.54E-06	4.31E-04	1.09E-09	1.0E+06	1.1E-03
224	0.75181	4.04E-03	3.0E-03	1.05E-03	3.17E-06	4.31E-04	1.37E-09	1.0E+06	1.4E-03
225	0.59778	4.04E-03	2.4E-03	1.05E-03	2.52E-06	4.31E-04	1.09E-09	1.0E+06	1.1E-03
226	0.71959	4.04E-03	2.9E-03	1.05E-03	3.04E-06	4.31E-04	1.31E-09	1.0E+06	1.3E-03
227	0.21326	4.04E-03	8.6E-04	1.05E-03	9.00E-07	4.31E-04	3.87E-10	1.0E+06	3.9E-04
228	0.18501	4.04E-03	7.5E-04	1.05E-03	7.80E-07	4.31E-04	3.36E-10	1.0E+06	3.4E-04
229	0.16191	4.04E-03	6.5E-04	1.05E-03	6.83E-07	4.31E-04	2.94E-10	1.0E+06	2.9E-04
230	0.14284	4.04E-03	5.8E-04	1.05E-03	6.03E-07	4.31E-04	2.59E-10	1.0E+06	2.6E-04
231	0.18813	4.04E-03	7.6E-04	1.05E-03	7.94E-07	4.31E-04	3.42E-10	1.0E+06	3.4E-04
232	0.16515	4.04E-03	6.7E-04	1.05E-03	6.97E-07	4.31E-04	3.00E-10	1.0E+06	3.0E-04
233	0.14603	4.04E-03	5.9E-04	1.05E-03	6.16E-07	4.31E-04	2.65E-10	1.0E+06	2.7E-04
234	0.12999	4.04E-03	5.2E-04	1.05E-03	5.48E-07	4.31E-04	2.36E-10	1.0E+06	2.4E-04
235	0.16666	4.04E-03	6.7E-04	1.05E-03	7.03E-07	4.31E-04	3.03E-10	1.0E+06	3.0E-04
236	0.14793	4.04E-03	6.0E-04	1.05E-03	6.24E-07	4.31E-04	2.69E-10	1.0E+06	2.7E-04
237	0.13206	4.04E-03	5.3E-04	1.05E-03	5.57E-07	4.31E-04	2.40E-10	1.0E+06	2.4E-04
238	0.11853	4.04E-03	4.8E-04	1.05E-03	5.00E-07	4.31E-04	2.15E-10	1.0E+06	2.2E-04
239	2.36008	4.04E-03	9.5E-03	1.05E-03	9.96E-06	4.31E-04	4.29E-09	1.0E+06	4.3E-03
240	2.06582	4.04E-03	8.3E-03	1.05E-03	8.71E-06	4.31E-04	3.75E-09	1.0E+06	3.8E-03
241	1.79154	4.04E-03	7.2E-03	1.05E-03	7.56E-06	4.31E-04	3.25E-09	1.0E+06	3.3E-03
242	1.54664	4.04E-03	6.2E-03	1.05E-03	6.52E-06	4.31E-04	2.81E-09	1.0E+06	2.8E-03
243	1.80453	4.04E-03	7.3E-03	1.05E-03	7.61E-06	4.31E-04	3.28E-09	1.0E+06	3.3E-03
244	1.61081	4.04E-03	6.5E-03	1.05E-03	6.79E-06	4.31E-04	2.93E-09	1.0E+06	2.9E-03
245	1.42648	4.04E-03	5.8E-03	1.05E-03	6.02E-06	4.31E-04	2.59E-09	1.0E+06	2.6E-03
246	1.25732	4.04E-03	5.1E-03	1.05E-03	5.30E-06	4.31E-04	2.28E-09	1.0E+06	2.3E-03
247	1.42279	4.04E-03	5.7E-03	1.05E-03	6.00E-06	4.31E-04	2.58E-09	1.0E+06	2.6E-03
248	1.28877	4.04E-03	5.2E-03	1.05E-03	5.44E-06	4.31E-04	2.34E-09	1.0E+06	2.3E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
249	1.15948	4.04E-03	4.7E-03	1.05E-03	4.89E-06	4.31E-04	2.11E-09	1.0E+06	2.1E-03
250	1.03847	4.04E-03	4.2E-03	1.05E-03	4.38E-06	4.31E-04	1.89E-09	1.0E+06	1.9E-03
251	0.4728	4.04E-03	1.9E-03	1.05E-03	1.99E-06	4.31E-04	8.59E-10	1.0E+06	8.6E-04
252	0.4377	4.04E-03	1.8E-03	1.05E-03	1.85E-06	4.31E-04	7.95E-10	1.0E+06	7.9E-04
253	0.51207	4.04E-03	2.1E-03	1.05E-03	2.16E-06	4.31E-04	9.30E-10	1.0E+06	9.3E-04
254	0.47952	4.04E-03	1.9E-03	1.05E-03	2.02E-06	4.31E-04	8.71E-10	1.0E+06	8.7E-04
255	0.41862	4.04E-03	1.7E-03	1.05E-03	1.77E-06	4.31E-04	7.60E-10	1.0E+06	7.6E-04
256	0.39014	4.04E-03	1.6E-03	1.05E-03	1.65E-06	4.31E-04	7.09E-10	1.0E+06	7.1E-04
257	0.31374	4.04E-03	1.3E-03	1.05E-03	1.32E-06	4.31E-04	5.70E-10	1.0E+06	5.7E-04
258	0.44894	4.04E-03	1.8E-03	1.05E-03	1.89E-06	4.31E-04	8.15E-10	1.0E+06	8.2E-04
259	0.42251	4.04E-03	1.7E-03	1.05E-03	1.78E-06	4.31E-04	7.67E-10	1.0E+06	7.7E-04
260	0.39712	4.04E-03	1.6E-03	1.05E-03	1.68E-06	4.31E-04	7.21E-10	1.0E+06	7.2E-04
261	0.37284	4.04E-03	1.5E-03	1.05E-03	1.57E-06	4.31E-04	6.77E-10	1.0E+06	6.8E-04
262	0.34953	4.04E-03	1.4E-03	1.05E-03	1.47E-06	4.31E-04	6.35E-10	1.0E+06	6.3E-04
263	0.28592	4.04E-03	1.2E-03	1.05E-03	1.21E-06	4.31E-04	5.19E-10	1.0E+06	5.2E-04
264	0.37487	4.04E-03	1.5E-03	1.05E-03	1.58E-06	4.31E-04	6.81E-10	1.0E+06	6.8E-04
265	0.35401	4.04E-03	1.4E-03	1.05E-03	1.49E-06	4.31E-04	6.43E-10	1.0E+06	6.4E-04
266	0.33396	4.04E-03	1.3E-03	1.05E-03	1.41E-06	4.31E-04	6.06E-10	1.0E+06	6.1E-04
267	0.31465	4.04E-03	1.3E-03	1.05E-03	1.33E-06	4.31E-04	5.71E-10	1.0E+06	5.7E-04
268	0.26142	4.04E-03	1.1E-03	1.05E-03	1.10E-06	4.31E-04	4.75E-10	1.0E+06	4.7E-04
269	0.50652	4.04E-03	2.0E-03	1.05E-03	2.14E-06	4.31E-04	9.20E-10	1.0E+06	9.2E-04
270	0.40936	4.04E-03	1.7E-03	1.05E-03	1.73E-06	4.31E-04	7.43E-10	1.0E+06	7.4E-04
271	0.33667	4.04E-03	1.4E-03	1.05E-03	1.42E-06	4.31E-04	6.11E-10	1.0E+06	6.1E-04
272	0.28125	4.04E-03	1.1E-03	1.05E-03	1.19E-06	4.31E-04	5.11E-10	1.0E+06	5.1E-04
273	0.23824	4.04E-03	9.6E-04	1.05E-03	1.00E-06	4.31E-04	4.33E-10	1.0E+06	4.3E-04
274	0.20435	4.04E-03	8.2E-04	1.05E-03	8.62E-07	4.31E-04	3.71E-10	1.0E+06	3.7E-04
275	0.17724	4.04E-03	7.2E-04	1.05E-03	7.48E-07	4.31E-04	3.22E-10	1.0E+06	3.2E-04
276	0.4458	4.04E-03	1.8E-03	1.05E-03	1.88E-06	4.31E-04	8.10E-10	1.0E+06	8.1E-04
277	0.36157	4.04E-03	1.5E-03	1.05E-03	1.53E-06	4.31E-04	6.57E-10	1.0E+06	6.6E-04
278	0.29883	4.04E-03	1.2E-03	1.05E-03	1.26E-06	4.31E-04	5.43E-10	1.0E+06	5.4E-04
279	0.25098	4.04E-03	1.0E-03	1.05E-03	1.06E-06	4.31E-04	4.56E-10	1.0E+06	4.6E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
280	0.21381	4.04E-03	8.6E-04	1.05E-03	9.02E-07	4.31E-04	3.88E-10	1.0E+06	3.9E-04
281	0.18443	4.04E-03	7.4E-04	1.05E-03	7.78E-07	4.31E-04	3.35E-10	1.0E+06	3.3E-04
282	0.16082	4.04E-03	6.5E-04	1.05E-03	6.78E-07	4.31E-04	2.92E-10	1.0E+06	2.9E-04
283	0.38481	4.04E-03	1.6E-03	1.05E-03	1.62E-06	4.31E-04	6.99E-10	1.0E+06	7.0E-04
284	0.31525	4.04E-03	1.3E-03	1.05E-03	1.33E-06	4.31E-04	5.73E-10	1.0E+06	5.7E-04
285	0.263	4.04E-03	1.1E-03	1.05E-03	1.11E-06	4.31E-04	4.78E-10	1.0E+06	4.8E-04
286	0.22281	4.04E-03	9.0E-04	1.05E-03	9.40E-07	4.31E-04	4.05E-10	1.0E+06	4.0E-04
287	0.1913	4.04E-03	7.7E-04	1.05E-03	8.07E-07	4.31E-04	3.47E-10	1.0E+06	3.5E-04
288	0.16619	4.04E-03	6.7E-04	1.05E-03	7.01E-07	4.31E-04	3.02E-10	1.0E+06	3.0E-04
289	0.14586	4.04E-03	5.9E-04	1.05E-03	6.15E-07	4.31E-04	2.65E-10	1.0E+06	2.6E-04
290	0.33086	4.04E-03	1.3E-03	1.05E-03	1.40E-06	4.31E-04	6.01E-10	1.0E+06	6.0E-04
291	0.27459	4.04E-03	1.1E-03	1.05E-03	1.16E-06	4.31E-04	4.99E-10	1.0E+06	5.0E-04
292	0.23163	4.04E-03	9.3E-04	1.05E-03	9.77E-07	4.31E-04	4.21E-10	1.0E+06	4.2E-04
293	0.19815	4.04E-03	8.0E-04	1.05E-03	8.36E-07	4.31E-04	3.60E-10	1.0E+06	3.6E-04
294	0.17158	4.04E-03	6.9E-04	1.05E-03	7.24E-07	4.31E-04	3.12E-10	1.0E+06	3.1E-04
295	0.15018	4.04E-03	6.1E-04	1.05E-03	6.33E-07	4.31E-04	2.73E-10	1.0E+06	2.7E-04
296	0.13269	4.04E-03	5.4E-04	1.05E-03	5.60E-07	4.31E-04	2.41E-10	1.0E+06	2.4E-04
297	0.28665	4.04E-03	1.2E-03	1.05E-03	1.21E-06	4.31E-04	5.21E-10	1.0E+06	5.2E-04
298	0.24092	4.04E-03	9.7E-04	1.05E-03	1.02E-06	4.31E-04	4.38E-10	1.0E+06	4.4E-04
299	0.20543	4.04E-03	8.3E-04	1.05E-03	8.67E-07	4.31E-04	3.73E-10	1.0E+06	3.7E-04
300	0.17739	4.04E-03	7.2E-04	1.05E-03	7.48E-07	4.31E-04	3.22E-10	1.0E+06	3.2E-04
301	0.15486	4.04E-03	6.2E-04	1.05E-03	6.53E-07	4.31E-04	2.81E-10	1.0E+06	2.8E-04
302	0.13651	4.04E-03	5.5E-04	1.05E-03	5.76E-07	4.31E-04	2.48E-10	1.0E+06	2.5E-04
303	0.12136	4.04E-03	4.9E-04	1.05E-03	5.12E-07	4.31E-04	2.20E-10	1.0E+06	2.2E-04
304	0.25109	4.04E-03	1.0E-03	1.05E-03	1.06E-06	4.31E-04	4.56E-10	1.0E+06	4.6E-04
305	0.21349	4.04E-03	8.6E-04	1.05E-03	9.01E-07	4.31E-04	3.88E-10	1.0E+06	3.9E-04
306	0.18385	4.04E-03	7.4E-04	1.05E-03	7.76E-07	4.31E-04	3.34E-10	1.0E+06	3.3E-04
307	0.1601	4.04E-03	6.5E-04	1.05E-03	6.75E-07	4.31E-04	2.91E-10	1.0E+06	2.9E-04
308	0.1408	4.04E-03	5.7E-04	1.05E-03	5.94E-07	4.31E-04	2.56E-10	1.0E+06	2.6E-04
309	0.12491	4.04E-03	5.0E-04	1.05E-03	5.27E-07	4.31E-04	2.27E-10	1.0E+06	2.3E-04
310	0.1117	4.04E-03	4.5E-04	1.05E-03	4.71E-07	4.31E-04	2.03E-10	1.0E+06	2.0E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
311	0.2222	4.04E-03	9.0E-04	1.05E-03	9.37E-07	4.31E-04	4.04E-10	1.0E+06	4.0E-04
312	0.19089	4.04E-03	7.7E-04	1.05E-03	8.05E-07	4.31E-04	3.47E-10	1.0E+06	3.5E-04
313	0.16588	4.04E-03	6.7E-04	1.05E-03	7.00E-07	4.31E-04	3.01E-10	1.0E+06	3.0E-04
314	0.14557	4.04E-03	5.9E-04	1.05E-03	6.14E-07	4.31E-04	2.64E-10	1.0E+06	2.6E-04
315	0.12888	4.04E-03	5.2E-04	1.05E-03	5.44E-07	4.31E-04	2.34E-10	1.0E+06	2.3E-04
316	0.11502	4.04E-03	4.6E-04	1.05E-03	4.85E-07	4.31E-04	2.09E-10	1.0E+06	2.1E-04
317	0.10338	4.04E-03	4.2E-04	1.05E-03	4.36E-07	4.31E-04	1.88E-10	1.0E+06	1.9E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Building Construction Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	4.03E-05
2	5	4.21E-05
3	5	4.26E-05
4	5	5.88E-05
5	5	6.20E-05
6	5	6.51E-05
7	5	6.82E-05
8	5	7.11E-05
9	5	7.39E-05
10	5	7.66E-05
11	5	7.92E-05
12	5	8.18E-05
13	5	8.48E-05
14	5	8.79E-05
15	5	9.16E-05
16	5	9.62E-05
17	5	1.02E-04
18	5	1.09E-04
19	5	1.16E-04
20	5	1.25E-04
21	5	1.33E-04
22	5	1.42E-04
23	5	1.49E-04
24	5	1.55E-04
25	5	1.59E-04
26	5	4.32E-05
27	5	4.53E-05
28	5	4.59E-05
29	5	6.47E-05
30	5	6.85E-05
31	5	7.24E-05

Max	Receptor #
0.002	239

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	7.63E-05
33	5	8.00E-05
34	5	8.36E-05
35	5	8.70E-05
36	5	9.03E-05
37	5	9.38E-05
38	5	9.76E-05
39	5	1.01E-04
40	5	1.06E-04
41	5	1.12E-04
42	5	1.20E-04
43	5	1.29E-04
44	5	1.39E-04
45	5	1.49E-04
46	5	1.60E-04
47	5	1.69E-04
48	5	1.77E-04
49	5	1.83E-04
50	5	1.86E-04
51	5	4.64E-05
52	5	4.88E-05
53	5	4.97E-05
54	5	7.15E-05
55	5	7.62E-05
56	5	8.10E-05
57	5	8.60E-05
58	5	9.08E-05
59	5	9.54E-05
60	5	9.99E-05
61	5	1.04E-04
62	5	1.09E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Building Construction Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
63	5	1.13E-04
64	5	1.19E-04
65	5	1.25E-04
66	5	1.33E-04
67	5	1.43E-04
68	5	1.55E-04
69	5	1.69E-04
70	5	1.82E-04
71	5	1.95E-04
72	5	2.05E-04
73	5	2.12E-04
74	5	2.16E-04
75	5	2.16E-04
76	5	4.99E-05
77	5	5.27E-05
78	5	5.39E-05
79	5	7.94E-05
80	5	8.52E-05
81	5	9.13E-05
82	5	9.76E-05
83	5	1.04E-04
84	5	1.10E-04
85	5	1.16E-04
86	5	1.22E-04
87	5	1.28E-04
88	5	1.34E-04
89	5	1.41E-04
90	5	1.50E-04
91	5	1.61E-04
92	5	1.75E-04
93	5	1.91E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	2.09E-04
95	5	2.25E-04
96	5	2.40E-04
97	5	2.50E-04
98	5	2.55E-04
99	5	2.55E-04
100	5	2.50E-04
101	5	5.37E-05
102	5	5.69E-05
103	5	5.87E-05
104	5	8.88E-05
105	5	9.59E-05
106	5	1.04E-04
107	5	1.12E-04
108	5	1.20E-04
109	5	1.28E-04
110	5	1.37E-04
111	5	1.45E-04
112	5	1.53E-04
113	5	1.61E-04
114	5	1.70E-04
115	5	1.83E-04
116	5	1.99E-04
117	5	2.19E-04
118	5	2.41E-04
119	5	2.64E-04
120	5	2.84E-04
121	5	2.98E-04
122	5	3.05E-04
123	5	3.05E-04
124	5	2.98E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	5.78E-05
126	5	6.16E-05
127	5	6.39E-05
128	5	1.09E-04
129	5	1.19E-04
130	5	1.29E-04
131	5	1.41E-04
132	5	1.52E-04
133	5	1.64E-04
134	5	1.75E-04
135	5	1.86E-04
136	5	1.97E-04
137	5	2.11E-04
138	5	2.29E-04
139	5	2.52E-04
140	5	2.81E-04
141	5	3.12E-04
142	5	3.41E-04
143	5	3.62E-04
144	5	3.73E-04
145	5	3.73E-04
146	5	3.63E-04
147	5	6.21E-05
148	5	6.65E-05
149	5	6.98E-05
150	5	1.24E-04
151	5	1.37E-04
152	5	1.51E-04
153	5	1.67E-04
154	5	1.83E-04
155	5	2.01E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	2.16E-04
157	5	2.32E-04
158	5	2.48E-04
159	5	2.68E-04
160	5	2.95E-04
161	5	3.31E-04
162	5	3.74E-04
163	5	4.16E-04
164	5	4.49E-04
165	5	4.66E-04
166	5	4.66E-04
167	5	4.50E-04
168	5	4.23E-04
169	5	6.66E-05
170	5	7.18E-05
171	5	7.63E-05
172	5	8.08E-05
173	5	1.44E-04
174	5	1.60E-04
175	5	1.79E-04
176	5	2.01E-04
177	5	2.25E-04
178	5	2.50E-04
179	5	2.74E-04
180	5	2.97E-04
181	5	3.21E-04
182	5	3.52E-04
183	5	5.99E-04
184	5	5.74E-04
185	5	7.74E-05
186	5	8.32E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	8.86E-05
188	5	1.67E-04
189	5	1.89E-04
190	5	2.15E-04
191	5	2.46E-04
192	5	2.82E-04
193	5	3.20E-04
194	5	3.58E-04
195	5	3.94E-04
196	5	4.33E-04
197	5	4.85E-04
198	5	8.97E-05
199	5	9.74E-05
200	5	9.68E-05
201	5	1.07E-04
202	5	1.16E-04
203	5	1.15E-04
204	5	1.29E-04
205	5	1.43E-04
206	5	1.41E-04
207	5	1.59E-04
208	5	1.81E-04
209	5	1.53E-04
210	5	1.76E-04
211	5	2.02E-04
212	5	1.94E-04
213	5	2.27E-04
214	5	2.67E-04
215	5	2.14E-04
216	5	2.54E-04
217	5	3.01E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	3.39E-04
219	5	4.20E-04
220	5	3.76E-04
221	5	4.62E-04
222	5	3.99E-04
223	5	4.85E-04
224	5	6.07E-04
225	5	4.82E-04
226	5	5.81E-04
227	5	1.72E-04
228	5	1.49E-04
229	5	1.31E-04
230	5	1.15E-04
231	5	1.52E-04
232	5	1.33E-04
233	5	1.18E-04
234	5	1.05E-04
235	5	1.35E-04
236	5	1.19E-04
237	5	1.07E-04
238	5	9.57E-05
239	5	1.90E-03
240	5	1.67E-03
241	5	1.45E-03
242	5	1.25E-03
243	5	1.46E-03
244	5	1.30E-03
245	5	1.15E-03
246	5	1.01E-03
247	5	1.15E-03
248	5	1.04E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	9.36E-04
250	5	8.38E-04
251	5	3.82E-04
252	5	3.53E-04
253	5	4.13E-04
254	5	3.87E-04
255	5	3.38E-04
256	5	3.15E-04
257	5	2.53E-04
258	5	3.62E-04
259	5	3.41E-04
260	5	3.21E-04
261	5	3.01E-04
262	5	2.82E-04
263	5	2.31E-04
264	5	3.03E-04
265	5	2.86E-04
266	5	2.70E-04
267	5	2.54E-04
268	5	2.11E-04
269	5	4.09E-04
270	5	3.30E-04
271	5	2.72E-04
272	5	2.27E-04
273	5	1.92E-04
274	5	1.65E-04
275	5	1.43E-04
276	5	3.60E-04
277	5	2.92E-04
278	5	2.41E-04
279	5	2.03E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	1.73E-04
281	5	1.49E-04
282	5	1.30E-04
283	5	3.11E-04
284	5	2.54E-04
285	5	2.12E-04
286	5	1.80E-04
287	5	1.54E-04
288	5	1.34E-04
289	5	1.18E-04
290	5	2.67E-04
291	5	2.22E-04
292	5	1.87E-04
293	5	1.60E-04
294	5	1.38E-04
295	5	1.21E-04
296	5	1.07E-04
297	5	2.31E-04
298	5	1.94E-04
299	5	1.66E-04
300	5	1.43E-04
301	5	1.25E-04
302	5	1.10E-04
303	5	9.80E-05
304	5	2.03E-04
305	5	1.72E-04
306	5	1.48E-04
307	5	1.29E-04
308	5	1.14E-04
309	5	1.01E-04
310	5	9.02E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	1.79E-04
312	5	1.54E-04
313	5	1.34E-04
314	5	1.17E-04
315	5	1.04E-04
316	5	9.28E-05
317	5	8.34E-05

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Parcel 5-G: Unmitigated - Parcel 5 - Paving Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05008	3.33E-03	1.7E-04	1.05E-03	1.74E-07	4.31E-04	7.50E-11	1.0E+06	7.5E-05
2	0.05232	3.33E-03	1.7E-04	1.05E-03	1.82E-07	4.31E-04	7.84E-11	1.0E+06	7.8E-05
3	0.05302	3.33E-03	1.8E-04	1.05E-03	1.85E-07	4.31E-04	7.95E-11	1.0E+06	7.9E-05
4	0.07311	3.33E-03	2.4E-04	1.05E-03	2.54E-07	4.31E-04	1.10E-10	1.0E+06	1.1E-04
5	0.07694	3.33E-03	2.6E-04	1.05E-03	2.68E-07	4.31E-04	1.15E-10	1.0E+06	1.2E-04
6	0.08075	3.33E-03	2.7E-04	1.05E-03	2.81E-07	4.31E-04	1.21E-10	1.0E+06	1.2E-04
7	0.08446	3.33E-03	2.8E-04	1.05E-03	2.94E-07	4.31E-04	1.27E-10	1.0E+06	1.3E-04
8	0.08803	3.33E-03	2.9E-04	1.05E-03	3.06E-07	4.31E-04	1.32E-10	1.0E+06	1.3E-04
9	0.09143	3.33E-03	3.0E-04	1.05E-03	3.18E-07	4.31E-04	1.37E-10	1.0E+06	1.4E-04
10	0.09467	3.33E-03	3.2E-04	1.05E-03	3.30E-07	4.31E-04	1.42E-10	1.0E+06	1.4E-04
11	0.09783	3.33E-03	3.3E-04	1.05E-03	3.41E-07	4.31E-04	1.47E-10	1.0E+06	1.5E-04
12	0.10109	3.33E-03	3.4E-04	1.05E-03	3.52E-07	4.31E-04	1.51E-10	1.0E+06	1.5E-04
13	0.10482	3.33E-03	3.5E-04	1.05E-03	3.65E-07	4.31E-04	1.57E-10	1.0E+06	1.6E-04
14	0.10885	3.33E-03	3.6E-04	1.05E-03	3.79E-07	4.31E-04	1.63E-10	1.0E+06	1.6E-04
15	0.11356	3.33E-03	3.8E-04	1.05E-03	3.95E-07	4.31E-04	1.70E-10	1.0E+06	1.7E-04
16	0.1195	3.33E-03	4.0E-04	1.05E-03	4.16E-07	4.31E-04	1.79E-10	1.0E+06	1.8E-04
17	0.12675	3.33E-03	4.2E-04	1.05E-03	4.41E-07	4.31E-04	1.90E-10	1.0E+06	1.9E-04
18	0.1352	3.33E-03	4.5E-04	1.05E-03	4.71E-07	4.31E-04	2.03E-10	1.0E+06	2.0E-04
19	0.1448	3.33E-03	4.8E-04	1.05E-03	5.04E-07	4.31E-04	2.17E-10	1.0E+06	2.2E-04
20	0.15511	3.33E-03	5.2E-04	1.05E-03	5.40E-07	4.31E-04	2.32E-10	1.0E+06	2.3E-04
21	0.16554	3.33E-03	5.5E-04	1.05E-03	5.76E-07	4.31E-04	2.48E-10	1.0E+06	2.5E-04
22	0.17541	3.33E-03	5.8E-04	1.05E-03	6.11E-07	4.31E-04	2.63E-10	1.0E+06	2.6E-04
23	0.18407	3.33E-03	6.1E-04	1.05E-03	6.41E-07	4.31E-04	2.76E-10	1.0E+06	2.8E-04
24	0.19095	3.33E-03	6.4E-04	1.05E-03	6.65E-07	4.31E-04	2.86E-10	1.0E+06	2.9E-04
25	0.19564	3.33E-03	6.5E-04	1.05E-03	6.81E-07	4.31E-04	2.93E-10	1.0E+06	2.9E-04
26	0.05374	3.33E-03	1.8E-04	1.05E-03	1.87E-07	4.31E-04	8.05E-11	1.0E+06	8.1E-05
27	0.05628	3.33E-03	1.9E-04	1.05E-03	1.96E-07	4.31E-04	8.43E-11	1.0E+06	8.4E-05
28	0.05712	3.33E-03	1.9E-04	1.05E-03	1.99E-07	4.31E-04	8.56E-11	1.0E+06	8.6E-05
29	0.08045	3.33E-03	2.7E-04	1.05E-03	2.80E-07	4.31E-04	1.21E-10	1.0E+06	1.2E-04
30	0.08515	3.33E-03	2.8E-04	1.05E-03	2.96E-07	4.31E-04	1.28E-10	1.0E+06	1.3E-04
31	0.0899	3.33E-03	3.0E-04	1.05E-03	3.13E-07	4.31E-04	1.35E-10	1.0E+06	1.3E-04

<b>Max</b>	<b>Receptor #</b>
0.004	239

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
32	0.09459	3.33E-03	3.1E-04	1.05E-03	3.29E-07	4.31E-04	1.42E-10	1.0E+06	1.4E-04
33	0.09911	3.33E-03	3.3E-04	1.05E-03	3.45E-07	4.31E-04	1.49E-10	1.0E+06	1.5E-04
34	0.10343	3.33E-03	3.4E-04	1.05E-03	3.60E-07	4.31E-04	1.55E-10	1.0E+06	1.5E-04
35	0.10756	3.33E-03	3.6E-04	1.05E-03	3.74E-07	4.31E-04	1.61E-10	1.0E+06	1.6E-04
36	0.11156	3.33E-03	3.7E-04	1.05E-03	3.88E-07	4.31E-04	1.67E-10	1.0E+06	1.7E-04
37	0.11593	3.33E-03	3.9E-04	1.05E-03	4.04E-07	4.31E-04	1.74E-10	1.0E+06	1.7E-04
38	0.12066	3.33E-03	4.0E-04	1.05E-03	4.20E-07	4.31E-04	1.81E-10	1.0E+06	1.8E-04
39	0.12566	3.33E-03	4.2E-04	1.05E-03	4.37E-07	4.31E-04	1.88E-10	1.0E+06	1.9E-04
40	0.13182	3.33E-03	4.4E-04	1.05E-03	4.59E-07	4.31E-04	1.98E-10	1.0E+06	2.0E-04
41	0.13974	3.33E-03	4.7E-04	1.05E-03	4.86E-07	4.31E-04	2.09E-10	1.0E+06	2.1E-04
42	0.14925	3.33E-03	5.0E-04	1.05E-03	5.19E-07	4.31E-04	2.24E-10	1.0E+06	2.2E-04
43	0.16042	3.33E-03	5.3E-04	1.05E-03	5.58E-07	4.31E-04	2.40E-10	1.0E+06	2.4E-04
44	0.17286	3.33E-03	5.8E-04	1.05E-03	6.02E-07	4.31E-04	2.59E-10	1.0E+06	2.6E-04
45	0.18582	3.33E-03	6.2E-04	1.05E-03	6.47E-07	4.31E-04	2.78E-10	1.0E+06	2.8E-04
46	0.19835	3.33E-03	6.6E-04	1.05E-03	6.90E-07	4.31E-04	2.97E-10	1.0E+06	3.0E-04
47	0.20951	3.33E-03	7.0E-04	1.05E-03	7.29E-07	4.31E-04	3.14E-10	1.0E+06	3.1E-04
48	0.21843	3.33E-03	7.3E-04	1.05E-03	7.60E-07	4.31E-04	3.27E-10	1.0E+06	3.3E-04
49	0.22449	3.33E-03	7.5E-04	1.05E-03	7.81E-07	4.31E-04	3.36E-10	1.0E+06	3.4E-04
50	0.22735	3.33E-03	7.6E-04	1.05E-03	7.91E-07	4.31E-04	3.41E-10	1.0E+06	3.4E-04
51	0.05775	3.33E-03	1.9E-04	1.05E-03	2.01E-07	4.31E-04	8.65E-11	1.0E+06	8.7E-05
52	0.06069	3.33E-03	2.0E-04	1.05E-03	2.11E-07	4.31E-04	9.09E-11	1.0E+06	9.1E-05
53	0.06179	3.33E-03	2.1E-04	1.05E-03	2.15E-07	4.31E-04	9.26E-11	1.0E+06	9.3E-05
54	0.08898	3.33E-03	3.0E-04	1.05E-03	3.10E-07	4.31E-04	1.33E-10	1.0E+06	1.3E-04
55	0.09475	3.33E-03	3.2E-04	1.05E-03	3.30E-07	4.31E-04	1.42E-10	1.0E+06	1.4E-04
56	0.1007	3.33E-03	3.4E-04	1.05E-03	3.51E-07	4.31E-04	1.51E-10	1.0E+06	1.5E-04
57	0.10667	3.33E-03	3.6E-04	1.05E-03	3.71E-07	4.31E-04	1.60E-10	1.0E+06	1.6E-04
58	0.1125	3.33E-03	3.7E-04	1.05E-03	3.92E-07	4.31E-04	1.69E-10	1.0E+06	1.7E-04
59	0.11813	3.33E-03	3.9E-04	1.05E-03	4.11E-07	4.31E-04	1.77E-10	1.0E+06	1.8E-04
60	0.12352	3.33E-03	4.1E-04	1.05E-03	4.30E-07	4.31E-04	1.85E-10	1.0E+06	1.9E-04
61	0.12872	3.33E-03	4.3E-04	1.05E-03	4.48E-07	4.31E-04	1.93E-10	1.0E+06	1.9E-04
62	0.13451	3.33E-03	4.5E-04	1.05E-03	4.68E-07	4.31E-04	2.02E-10	1.0E+06	2.0E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
63	0.14044	3.33E-03	4.7E-04	1.05E-03	4.89E-07	4.31E-04	2.10E-10	1.0E+06	2.1E-04
64	0.14701	3.33E-03	4.9E-04	1.05E-03	5.12E-07	4.31E-04	2.20E-10	1.0E+06	2.2E-04
65	0.15526	3.33E-03	5.2E-04	1.05E-03	5.40E-07	4.31E-04	2.33E-10	1.0E+06	2.3E-04
66	0.16599	3.33E-03	5.5E-04	1.05E-03	5.78E-07	4.31E-04	2.49E-10	1.0E+06	2.5E-04
67	0.17882	3.33E-03	6.0E-04	1.05E-03	6.22E-07	4.31E-04	2.68E-10	1.0E+06	2.7E-04
68	0.19378	3.33E-03	6.5E-04	1.05E-03	6.74E-07	4.31E-04	2.90E-10	1.0E+06	2.9E-04
69	0.20996	3.33E-03	7.0E-04	1.05E-03	7.31E-07	4.31E-04	3.15E-10	1.0E+06	3.1E-04
70	0.22607	3.33E-03	7.5E-04	1.05E-03	7.87E-07	4.31E-04	3.39E-10	1.0E+06	3.4E-04
71	0.24069	3.33E-03	8.0E-04	1.05E-03	8.38E-07	4.31E-04	3.61E-10	1.0E+06	3.6E-04
72	0.25251	3.33E-03	8.4E-04	1.05E-03	8.79E-07	4.31E-04	3.78E-10	1.0E+06	3.8E-04
73	0.26055	3.33E-03	8.7E-04	1.05E-03	9.07E-07	4.31E-04	3.90E-10	1.0E+06	3.9E-04
74	0.26426	3.33E-03	8.8E-04	1.05E-03	9.20E-07	4.31E-04	3.96E-10	1.0E+06	4.0E-04
75	0.26359	3.33E-03	8.8E-04	1.05E-03	9.17E-07	4.31E-04	3.95E-10	1.0E+06	3.9E-04
76	0.06214	3.33E-03	2.1E-04	1.05E-03	2.16E-07	4.31E-04	9.31E-11	1.0E+06	9.3E-05
77	0.06557	3.33E-03	2.2E-04	1.05E-03	2.28E-07	4.31E-04	9.83E-11	1.0E+06	9.8E-05
78	0.06711	3.33E-03	2.2E-04	1.05E-03	2.34E-07	4.31E-04	1.01E-10	1.0E+06	1.0E-04
79	0.09896	3.33E-03	3.3E-04	1.05E-03	3.44E-07	4.31E-04	1.48E-10	1.0E+06	1.5E-04
80	0.10608	3.33E-03	3.5E-04	1.05E-03	3.69E-07	4.31E-04	1.59E-10	1.0E+06	1.6E-04
81	0.11357	3.33E-03	3.8E-04	1.05E-03	3.95E-07	4.31E-04	1.70E-10	1.0E+06	1.7E-04
82	0.12124	3.33E-03	4.0E-04	1.05E-03	4.22E-07	4.31E-04	1.82E-10	1.0E+06	1.8E-04
83	0.1289	3.33E-03	4.3E-04	1.05E-03	4.49E-07	4.31E-04	1.93E-10	1.0E+06	1.9E-04
84	0.13637	3.33E-03	4.5E-04	1.05E-03	4.75E-07	4.31E-04	2.04E-10	1.0E+06	2.0E-04
85	0.14355	3.33E-03	4.8E-04	1.05E-03	5.00E-07	4.31E-04	2.15E-10	1.0E+06	2.2E-04
86	0.15109	3.33E-03	5.0E-04	1.05E-03	5.26E-07	4.31E-04	2.26E-10	1.0E+06	2.3E-04
87	0.15843	3.33E-03	5.3E-04	1.05E-03	5.51E-07	4.31E-04	2.37E-10	1.0E+06	2.4E-04
88	0.16585	3.33E-03	5.5E-04	1.05E-03	5.77E-07	4.31E-04	2.49E-10	1.0E+06	2.5E-04
89	0.17473	3.33E-03	5.8E-04	1.05E-03	6.08E-07	4.31E-04	2.62E-10	1.0E+06	2.6E-04
90	0.18618	3.33E-03	6.2E-04	1.05E-03	6.48E-07	4.31E-04	2.79E-10	1.0E+06	2.8E-04
91	0.20092	3.33E-03	6.7E-04	1.05E-03	6.99E-07	4.31E-04	3.01E-10	1.0E+06	3.0E-04
92	0.21869	3.33E-03	7.3E-04	1.05E-03	7.61E-07	4.31E-04	3.28E-10	1.0E+06	3.3E-04
93	0.2389	3.33E-03	8.0E-04	1.05E-03	8.32E-07	4.31E-04	3.58E-10	1.0E+06	3.6E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.25984	3.33E-03	8.7E-04	1.05E-03	9.04E-07	4.31E-04	3.89E-10	1.0E+06	3.9E-04
95	0.27937	3.33E-03	9.3E-04	1.05E-03	9.72E-07	4.31E-04	4.19E-10	1.0E+06	4.2E-04
96	0.29541	3.33E-03	9.8E-04	1.05E-03	1.03E-06	4.31E-04	4.43E-10	1.0E+06	4.4E-04
97	0.30637	3.33E-03	1.0E-03	1.05E-03	1.07E-06	4.31E-04	4.59E-10	1.0E+06	4.6E-04
98	0.31135	3.33E-03	1.0E-03	1.05E-03	1.08E-06	4.31E-04	4.67E-10	1.0E+06	4.7E-04
99	0.31025	3.33E-03	1.0E-03	1.05E-03	1.08E-06	4.31E-04	4.65E-10	1.0E+06	4.6E-04
100	0.30363	3.33E-03	1.0E-03	1.05E-03	1.06E-06	4.31E-04	4.55E-10	1.0E+06	4.5E-04
101	0.06691	3.33E-03	2.2E-04	1.05E-03	2.33E-07	4.31E-04	1.00E-10	1.0E+06	1.0E-04
102	0.07094	3.33E-03	2.4E-04	1.05E-03	2.47E-07	4.31E-04	1.06E-10	1.0E+06	1.1E-04
103	0.07309	3.33E-03	2.4E-04	1.05E-03	2.54E-07	4.31E-04	1.10E-10	1.0E+06	1.1E-04
104	0.11076	3.33E-03	3.7E-04	1.05E-03	3.86E-07	4.31E-04	1.66E-10	1.0E+06	1.7E-04
105	0.11957	3.33E-03	4.0E-04	1.05E-03	4.16E-07	4.31E-04	1.79E-10	1.0E+06	1.8E-04
106	0.12909	3.33E-03	4.3E-04	1.05E-03	4.49E-07	4.31E-04	1.93E-10	1.0E+06	1.9E-04
107	0.13909	3.33E-03	4.6E-04	1.05E-03	4.84E-07	4.31E-04	2.08E-10	1.0E+06	2.1E-04
108	0.14928	3.33E-03	5.0E-04	1.05E-03	5.20E-07	4.31E-04	2.24E-10	1.0E+06	2.2E-04
109	0.15935	3.33E-03	5.3E-04	1.05E-03	5.55E-07	4.31E-04	2.39E-10	1.0E+06	2.4E-04
110	0.1693	3.33E-03	5.6E-04	1.05E-03	5.89E-07	4.31E-04	2.54E-10	1.0E+06	2.5E-04
111	0.17986	3.33E-03	6.0E-04	1.05E-03	6.26E-07	4.31E-04	2.70E-10	1.0E+06	2.7E-04
112	0.1892	3.33E-03	6.3E-04	1.05E-03	6.59E-07	4.31E-04	2.84E-10	1.0E+06	2.8E-04
113	0.19933	3.33E-03	6.6E-04	1.05E-03	6.94E-07	4.31E-04	2.99E-10	1.0E+06	3.0E-04
114	0.21171	3.33E-03	7.1E-04	1.05E-03	7.37E-07	4.31E-04	3.17E-10	1.0E+06	3.2E-04
115	0.22796	3.33E-03	7.6E-04	1.05E-03	7.93E-07	4.31E-04	3.42E-10	1.0E+06	3.4E-04
116	0.24876	3.33E-03	8.3E-04	1.05E-03	8.66E-07	4.31E-04	3.73E-10	1.0E+06	3.7E-04
117	0.2739	3.33E-03	9.1E-04	1.05E-03	9.53E-07	4.31E-04	4.10E-10	1.0E+06	4.1E-04
118	0.30136	3.33E-03	1.0E-03	1.05E-03	1.05E-06	4.31E-04	4.52E-10	1.0E+06	4.5E-04
119	0.32796	3.33E-03	1.1E-03	1.05E-03	1.14E-06	4.31E-04	4.91E-10	1.0E+06	4.9E-04
120	0.35034	3.33E-03	1.2E-03	1.05E-03	1.22E-06	4.31E-04	5.25E-10	1.0E+06	5.2E-04
121	0.36576	3.33E-03	1.2E-03	1.05E-03	1.27E-06	4.31E-04	5.48E-10	1.0E+06	5.5E-04
122	0.37269	3.33E-03	1.2E-03	1.05E-03	1.30E-06	4.31E-04	5.58E-10	1.0E+06	5.6E-04
123	0.37095	3.33E-03	1.2E-03	1.05E-03	1.29E-06	4.31E-04	5.56E-10	1.0E+06	5.6E-04
124	0.36143	3.33E-03	1.2E-03	1.05E-03	1.26E-06	4.31E-04	5.42E-10	1.0E+06	5.4E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
125	0.07203	3.33E-03	2.4E-04	1.05E-03	2.51E-07	4.31E-04	1.08E-10	1.0E+06	1.1E-04
126	0.07676	3.33E-03	2.6E-04	1.05E-03	2.67E-07	4.31E-04	1.15E-10	1.0E+06	1.2E-04
127	0.07968	3.33E-03	2.7E-04	1.05E-03	2.77E-07	4.31E-04	1.19E-10	1.0E+06	1.2E-04
128	0.13585	3.33E-03	4.5E-04	1.05E-03	4.73E-07	4.31E-04	2.04E-10	1.0E+06	2.0E-04
129	0.14802	3.33E-03	4.9E-04	1.05E-03	5.15E-07	4.31E-04	2.22E-10	1.0E+06	2.2E-04
130	0.16122	3.33E-03	5.4E-04	1.05E-03	5.61E-07	4.31E-04	2.42E-10	1.0E+06	2.4E-04
131	0.17498	3.33E-03	5.8E-04	1.05E-03	6.09E-07	4.31E-04	2.62E-10	1.0E+06	2.6E-04
132	0.18887	3.33E-03	6.3E-04	1.05E-03	6.57E-07	4.31E-04	2.83E-10	1.0E+06	2.8E-04
133	0.20333	3.33E-03	6.8E-04	1.05E-03	7.08E-07	4.31E-04	3.05E-10	1.0E+06	3.0E-04
134	0.21732	3.33E-03	7.2E-04	1.05E-03	7.56E-07	4.31E-04	3.26E-10	1.0E+06	3.3E-04
135	0.23036	3.33E-03	7.7E-04	1.05E-03	8.02E-07	4.31E-04	3.45E-10	1.0E+06	3.5E-04
136	0.24464	3.33E-03	8.1E-04	1.05E-03	8.52E-07	4.31E-04	3.67E-10	1.0E+06	3.7E-04
137	0.26251	3.33E-03	8.7E-04	1.05E-03	9.14E-07	4.31E-04	3.93E-10	1.0E+06	3.9E-04
138	0.28652	3.33E-03	9.5E-04	1.05E-03	9.97E-07	4.31E-04	4.29E-10	1.0E+06	4.3E-04
139	0.31673	3.33E-03	1.1E-03	1.05E-03	1.10E-06	4.31E-04	4.75E-10	1.0E+06	4.7E-04
140	0.35267	3.33E-03	1.2E-03	1.05E-03	1.23E-06	4.31E-04	5.28E-10	1.0E+06	5.3E-04
141	0.38962	3.33E-03	1.3E-03	1.05E-03	1.36E-06	4.31E-04	5.84E-10	1.0E+06	5.8E-04
142	0.42186	3.33E-03	1.4E-03	1.05E-03	1.47E-06	4.31E-04	6.32E-10	1.0E+06	6.3E-04
143	0.44449	3.33E-03	1.5E-03	1.05E-03	1.55E-06	4.31E-04	6.66E-10	1.0E+06	6.7E-04
144	0.45461	3.33E-03	1.5E-03	1.05E-03	1.58E-06	4.31E-04	6.81E-10	1.0E+06	6.8E-04
145	0.45187	3.33E-03	1.5E-03	1.05E-03	1.57E-06	4.31E-04	6.77E-10	1.0E+06	6.8E-04
146	0.43784	3.33E-03	1.5E-03	1.05E-03	1.52E-06	4.31E-04	6.56E-10	1.0E+06	6.6E-04
147	0.0775	3.33E-03	2.6E-04	1.05E-03	2.70E-07	4.31E-04	1.16E-10	1.0E+06	1.2E-04
148	0.08306	3.33E-03	2.8E-04	1.05E-03	2.89E-07	4.31E-04	1.24E-10	1.0E+06	1.2E-04
149	0.08711	3.33E-03	2.9E-04	1.05E-03	3.03E-07	4.31E-04	1.31E-10	1.0E+06	1.3E-04
150	0.15569	3.33E-03	5.2E-04	1.05E-03	5.42E-07	4.31E-04	2.33E-10	1.0E+06	2.3E-04
151	0.17139	3.33E-03	5.7E-04	1.05E-03	5.97E-07	4.31E-04	2.57E-10	1.0E+06	2.6E-04
152	0.18896	3.33E-03	6.3E-04	1.05E-03	6.58E-07	4.31E-04	2.83E-10	1.0E+06	2.8E-04
153	0.20792	3.33E-03	6.9E-04	1.05E-03	7.24E-07	4.31E-04	3.12E-10	1.0E+06	3.1E-04
154	0.22756	3.33E-03	7.6E-04	1.05E-03	7.92E-07	4.31E-04	3.41E-10	1.0E+06	3.4E-04
155	0.24923	3.33E-03	8.3E-04	1.05E-03	8.67E-07	4.31E-04	3.73E-10	1.0E+06	3.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
156	0.26833	3.33E-03	8.9E-04	1.05E-03	9.34E-07	4.31E-04	4.02E-10	1.0E+06	4.0E-04
157	0.28718	3.33E-03	9.6E-04	1.05E-03	1.00E-06	4.31E-04	4.30E-10	1.0E+06	4.3E-04
158	0.30812	3.33E-03	1.0E-03	1.05E-03	1.07E-06	4.31E-04	4.62E-10	1.0E+06	4.6E-04
159	0.33509	3.33E-03	1.1E-03	1.05E-03	1.17E-06	4.31E-04	5.02E-10	1.0E+06	5.0E-04
160	0.37142	3.33E-03	1.2E-03	1.05E-03	1.29E-06	4.31E-04	5.57E-10	1.0E+06	5.6E-04
161	0.41724	3.33E-03	1.4E-03	1.05E-03	1.45E-06	4.31E-04	6.25E-10	1.0E+06	6.3E-04
162	0.46899	3.33E-03	1.6E-03	1.05E-03	1.63E-06	4.31E-04	7.03E-10	1.0E+06	7.0E-04
163	0.51672	3.33E-03	1.7E-03	1.05E-03	1.80E-06	4.31E-04	7.74E-10	1.0E+06	7.7E-04
164	0.55143	3.33E-03	1.8E-03	1.05E-03	1.92E-06	4.31E-04	8.26E-10	1.0E+06	8.3E-04
165	0.56716	3.33E-03	1.9E-03	1.05E-03	1.97E-06	4.31E-04	8.50E-10	1.0E+06	8.5E-04
166	0.56297	3.33E-03	1.9E-03	1.05E-03	1.96E-06	4.31E-04	8.44E-10	1.0E+06	8.4E-04
167	0.54164	3.33E-03	1.8E-03	1.05E-03	1.89E-06	4.31E-04	8.12E-10	1.0E+06	8.1E-04
168	0.50795	3.33E-03	1.7E-03	1.05E-03	1.77E-06	4.31E-04	7.61E-10	1.0E+06	7.6E-04
169	0.08327	3.33E-03	2.8E-04	1.05E-03	2.90E-07	4.31E-04	1.25E-10	1.0E+06	1.2E-04
170	0.08978	3.33E-03	3.0E-04	1.05E-03	3.12E-07	4.31E-04	1.35E-10	1.0E+06	1.3E-04
171	0.09539	3.33E-03	3.2E-04	1.05E-03	3.32E-07	4.31E-04	1.43E-10	1.0E+06	1.4E-04
172	0.101	3.33E-03	3.4E-04	1.05E-03	3.52E-07	4.31E-04	1.51E-10	1.0E+06	1.5E-04
173	0.18007	3.33E-03	6.0E-04	1.05E-03	6.27E-07	4.31E-04	2.70E-10	1.0E+06	2.7E-04
174	0.2007	3.33E-03	6.7E-04	1.05E-03	6.99E-07	4.31E-04	3.01E-10	1.0E+06	3.0E-04
175	0.22446	3.33E-03	7.5E-04	1.05E-03	7.81E-07	4.31E-04	3.36E-10	1.0E+06	3.4E-04
176	0.25098	3.33E-03	8.4E-04	1.05E-03	8.74E-07	4.31E-04	3.76E-10	1.0E+06	3.8E-04
177	0.28023	3.33E-03	9.3E-04	1.05E-03	9.75E-07	4.31E-04	4.20E-10	1.0E+06	4.2E-04
178	0.31153	3.33E-03	1.0E-03	1.05E-03	1.08E-06	4.31E-04	4.67E-10	1.0E+06	4.7E-04
179	0.34024	3.33E-03	1.1E-03	1.05E-03	1.18E-06	4.31E-04	5.10E-10	1.0E+06	5.1E-04
180	0.36889	3.33E-03	1.2E-03	1.05E-03	1.28E-06	4.31E-04	5.53E-10	1.0E+06	5.5E-04
181	0.40084	3.33E-03	1.3E-03	1.05E-03	1.40E-06	4.31E-04	6.01E-10	1.0E+06	6.0E-04
182	0.44342	3.33E-03	1.5E-03	1.05E-03	1.54E-06	4.31E-04	6.64E-10	1.0E+06	6.6E-04
183	0.72103	3.33E-03	2.4E-03	1.05E-03	2.51E-06	4.31E-04	1.08E-09	1.0E+06	1.1E-03
184	0.68738	3.33E-03	2.3E-03	1.05E-03	2.39E-06	4.31E-04	1.03E-09	1.0E+06	1.0E-03
185	0.09685	3.33E-03	3.2E-04	1.05E-03	3.37E-07	4.31E-04	1.45E-10	1.0E+06	1.5E-04
186	0.1042	3.33E-03	3.5E-04	1.05E-03	3.63E-07	4.31E-04	1.56E-10	1.0E+06	1.6E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
187	0.11095	3.33E-03	3.7E-04	1.05E-03	3.86E-07	4.31E-04	1.66E-10	1.0E+06	1.7E-04
188	0.21003	3.33E-03	7.0E-04	1.05E-03	7.31E-07	4.31E-04	3.15E-10	1.0E+06	3.1E-04
189	0.2377	3.33E-03	7.9E-04	1.05E-03	8.27E-07	4.31E-04	3.56E-10	1.0E+06	3.6E-04
190	0.27045	3.33E-03	9.0E-04	1.05E-03	9.41E-07	4.31E-04	4.05E-10	1.0E+06	4.1E-04
191	0.3086	3.33E-03	1.0E-03	1.05E-03	1.07E-06	4.31E-04	4.62E-10	1.0E+06	4.6E-04
192	0.35402	3.33E-03	1.2E-03	1.05E-03	1.23E-06	4.31E-04	5.31E-10	1.0E+06	5.3E-04
193	0.40037	3.33E-03	1.3E-03	1.05E-03	1.39E-06	4.31E-04	6.00E-10	1.0E+06	6.0E-04
194	0.44613	3.33E-03	1.5E-03	1.05E-03	1.55E-06	4.31E-04	6.69E-10	1.0E+06	6.7E-04
195	0.49166	3.33E-03	1.6E-03	1.05E-03	1.71E-06	4.31E-04	7.37E-10	1.0E+06	7.4E-04
196	0.54332	3.33E-03	1.8E-03	1.05E-03	1.89E-06	4.31E-04	8.14E-10	1.0E+06	8.1E-04
197	0.61568	3.33E-03	2.1E-03	1.05E-03	2.14E-06	4.31E-04	9.23E-10	1.0E+06	9.2E-04
198	0.11257	3.33E-03	3.7E-04	1.05E-03	3.92E-07	4.31E-04	1.69E-10	1.0E+06	1.7E-04
199	0.12228	3.33E-03	4.1E-04	1.05E-03	4.26E-07	4.31E-04	1.83E-10	1.0E+06	1.8E-04
200	0.12166	3.33E-03	4.1E-04	1.05E-03	4.23E-07	4.31E-04	1.82E-10	1.0E+06	1.8E-04
201	0.134	3.33E-03	4.5E-04	1.05E-03	4.66E-07	4.31E-04	2.01E-10	1.0E+06	2.0E-04
202	0.14598	3.33E-03	4.9E-04	1.05E-03	5.08E-07	4.31E-04	2.19E-10	1.0E+06	2.2E-04
203	0.14536	3.33E-03	4.8E-04	1.05E-03	5.06E-07	4.31E-04	2.18E-10	1.0E+06	2.2E-04
204	0.16243	3.33E-03	5.4E-04	1.05E-03	5.65E-07	4.31E-04	2.43E-10	1.0E+06	2.4E-04
205	0.18084	3.33E-03	6.0E-04	1.05E-03	6.29E-07	4.31E-04	2.71E-10	1.0E+06	2.7E-04
206	0.17788	3.33E-03	5.9E-04	1.05E-03	6.19E-07	4.31E-04	2.67E-10	1.0E+06	2.7E-04
207	0.20118	3.33E-03	6.7E-04	1.05E-03	7.00E-07	4.31E-04	3.01E-10	1.0E+06	3.0E-04
208	0.22957	3.33E-03	7.6E-04	1.05E-03	7.99E-07	4.31E-04	3.44E-10	1.0E+06	3.4E-04
209	0.19387	3.33E-03	6.5E-04	1.05E-03	6.75E-07	4.31E-04	2.91E-10	1.0E+06	2.9E-04
210	0.22353	3.33E-03	7.4E-04	1.05E-03	7.78E-07	4.31E-04	3.35E-10	1.0E+06	3.3E-04
211	0.2572	3.33E-03	8.6E-04	1.05E-03	8.95E-07	4.31E-04	3.85E-10	1.0E+06	3.9E-04
212	0.24661	3.33E-03	8.2E-04	1.05E-03	8.58E-07	4.31E-04	3.70E-10	1.0E+06	3.7E-04
213	0.2908	3.33E-03	9.7E-04	1.05E-03	1.01E-06	4.31E-04	4.36E-10	1.0E+06	4.4E-04
214	0.342	3.33E-03	1.1E-03	1.05E-03	1.19E-06	4.31E-04	5.12E-10	1.0E+06	5.1E-04
215	0.27262	3.33E-03	9.1E-04	1.05E-03	9.49E-07	4.31E-04	4.09E-10	1.0E+06	4.1E-04
216	0.32481	3.33E-03	1.1E-03	1.05E-03	1.13E-06	4.31E-04	4.87E-10	1.0E+06	4.9E-04
217	0.38704	3.33E-03	1.3E-03	1.05E-03	1.35E-06	4.31E-04	5.80E-10	1.0E+06	5.8E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
218	0.4366	3.33E-03	1.5E-03	1.05E-03	1.52E-06	4.31E-04	6.54E-10	1.0E+06	6.5E-04
219	0.54343	3.33E-03	1.8E-03	1.05E-03	1.89E-06	4.31E-04	8.14E-10	1.0E+06	8.1E-04
220	0.48308	3.33E-03	1.6E-03	1.05E-03	1.68E-06	4.31E-04	7.24E-10	1.0E+06	7.2E-04
221	0.59628	3.33E-03	2.0E-03	1.05E-03	2.08E-06	4.31E-04	8.94E-10	1.0E+06	8.9E-04
222	0.5122	3.33E-03	1.7E-03	1.05E-03	1.78E-06	4.31E-04	7.68E-10	1.0E+06	7.7E-04
223	0.62509	3.33E-03	2.1E-03	1.05E-03	2.18E-06	4.31E-04	9.37E-10	1.0E+06	9.4E-04
224	0.78451	3.33E-03	2.6E-03	1.05E-03	2.73E-06	4.31E-04	1.18E-09	1.0E+06	1.2E-03
225	0.62003	3.33E-03	2.1E-03	1.05E-03	2.16E-06	4.31E-04	9.29E-10	1.0E+06	9.3E-04
226	0.74907	3.33E-03	2.5E-03	1.05E-03	2.61E-06	4.31E-04	1.12E-09	1.0E+06	1.1E-03
227	0.21104	3.33E-03	7.0E-04	1.05E-03	7.35E-07	4.31E-04	3.16E-10	1.0E+06	3.2E-04
228	0.18305	3.33E-03	6.1E-04	1.05E-03	6.37E-07	4.31E-04	2.74E-10	1.0E+06	2.7E-04
229	0.1602	3.33E-03	5.3E-04	1.05E-03	5.58E-07	4.31E-04	2.40E-10	1.0E+06	2.4E-04
230	0.14135	3.33E-03	4.7E-04	1.05E-03	4.92E-07	4.31E-04	2.12E-10	1.0E+06	2.1E-04
231	0.18641	3.33E-03	6.2E-04	1.05E-03	6.49E-07	4.31E-04	2.79E-10	1.0E+06	2.8E-04
232	0.16359	3.33E-03	5.4E-04	1.05E-03	5.69E-07	4.31E-04	2.45E-10	1.0E+06	2.5E-04
233	0.14463	3.33E-03	4.8E-04	1.05E-03	5.03E-07	4.31E-04	2.17E-10	1.0E+06	2.2E-04
234	0.12874	3.33E-03	4.3E-04	1.05E-03	4.48E-07	4.31E-04	1.93E-10	1.0E+06	1.9E-04
235	0.16533	3.33E-03	5.5E-04	1.05E-03	5.75E-07	4.31E-04	2.48E-10	1.0E+06	2.5E-04
236	0.14669	3.33E-03	4.9E-04	1.05E-03	5.11E-07	4.31E-04	2.20E-10	1.0E+06	2.2E-04
237	0.13092	3.33E-03	4.4E-04	1.05E-03	4.56E-07	4.31E-04	1.96E-10	1.0E+06	2.0E-04
238	0.1175	3.33E-03	3.9E-04	1.05E-03	4.09E-07	4.31E-04	1.76E-10	1.0E+06	1.8E-04
239	2.51686	3.33E-03	8.4E-03	1.05E-03	8.76E-06	4.31E-04	3.77E-09	1.0E+06	3.8E-03
240	2.17208	3.33E-03	7.2E-03	1.05E-03	7.56E-06	4.31E-04	3.25E-09	1.0E+06	3.3E-03
241	1.85713	3.33E-03	6.2E-03	1.05E-03	6.46E-06	4.31E-04	2.78E-09	1.0E+06	2.8E-03
242	1.5835	3.33E-03	5.3E-03	1.05E-03	5.51E-06	4.31E-04	2.37E-09	1.0E+06	2.4E-03
243	1.89909	3.33E-03	6.3E-03	1.05E-03	6.61E-06	4.31E-04	2.85E-09	1.0E+06	2.8E-03
244	1.67798	3.33E-03	5.6E-03	1.05E-03	5.84E-06	4.31E-04	2.51E-09	1.0E+06	2.5E-03
245	1.47024	3.33E-03	4.9E-03	1.05E-03	5.12E-06	4.31E-04	2.20E-09	1.0E+06	2.2E-03
246	1.28327	3.33E-03	4.3E-03	1.05E-03	4.47E-06	4.31E-04	1.92E-09	1.0E+06	1.9E-03
247	1.48354	3.33E-03	4.9E-03	1.05E-03	5.16E-06	4.31E-04	2.22E-09	1.0E+06	2.2E-03
248	1.33362	3.33E-03	4.4E-03	1.05E-03	4.64E-06	4.31E-04	2.00E-09	1.0E+06	2.0E-03



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
249	1.19011	3.33E-03	4.0E-03	1.05E-03	4.14E-06	4.31E-04	1.78E-09	1.0E+06	1.8E-03
250	1.05753	3.33E-03	3.5E-03	1.05E-03	3.68E-06	4.31E-04	1.58E-09	1.0E+06	1.6E-03
251	0.47564	3.33E-03	1.6E-03	1.05E-03	1.66E-06	4.31E-04	7.13E-10	1.0E+06	7.1E-04
252	0.43899	3.33E-03	1.5E-03	1.05E-03	1.53E-06	4.31E-04	6.58E-10	1.0E+06	6.6E-04
253	0.51985	3.33E-03	1.7E-03	1.05E-03	1.81E-06	4.31E-04	7.79E-10	1.0E+06	7.8E-04
254	0.4854	3.33E-03	1.6E-03	1.05E-03	1.69E-06	4.31E-04	7.27E-10	1.0E+06	7.3E-04
255	0.42116	3.33E-03	1.4E-03	1.05E-03	1.47E-06	4.31E-04	6.31E-10	1.0E+06	6.3E-04
256	0.39142	3.33E-03	1.3E-03	1.05E-03	1.36E-06	4.31E-04	5.87E-10	1.0E+06	5.9E-04
257	0.31285	3.33E-03	1.0E-03	1.05E-03	1.09E-06	4.31E-04	4.69E-10	1.0E+06	4.7E-04
258	0.45517	3.33E-03	1.5E-03	1.05E-03	1.58E-06	4.31E-04	6.82E-10	1.0E+06	6.8E-04
259	0.42735	3.33E-03	1.4E-03	1.05E-03	1.49E-06	4.31E-04	6.40E-10	1.0E+06	6.4E-04
260	0.40062	3.33E-03	1.3E-03	1.05E-03	1.39E-06	4.31E-04	6.00E-10	1.0E+06	6.0E-04
261	0.37513	3.33E-03	1.2E-03	1.05E-03	1.31E-06	4.31E-04	5.62E-10	1.0E+06	5.6E-04
262	0.35079	3.33E-03	1.2E-03	1.05E-03	1.22E-06	4.31E-04	5.26E-10	1.0E+06	5.3E-04
263	0.28528	3.33E-03	9.5E-04	1.05E-03	9.93E-07	4.31E-04	4.27E-10	1.0E+06	4.3E-04
264	0.37888	3.33E-03	1.3E-03	1.05E-03	1.32E-06	4.31E-04	5.68E-10	1.0E+06	5.7E-04
265	0.357	3.33E-03	1.2E-03	1.05E-03	1.24E-06	4.31E-04	5.35E-10	1.0E+06	5.3E-04
266	0.33601	3.33E-03	1.1E-03	1.05E-03	1.17E-06	4.31E-04	5.04E-10	1.0E+06	5.0E-04
267	0.31586	3.33E-03	1.1E-03	1.05E-03	1.10E-06	4.31E-04	4.73E-10	1.0E+06	4.7E-04
268	0.26098	3.33E-03	8.7E-04	1.05E-03	9.08E-07	4.31E-04	3.91E-10	1.0E+06	3.9E-04
269	0.49262	3.33E-03	1.6E-03	1.05E-03	1.71E-06	4.31E-04	7.38E-10	1.0E+06	7.4E-04
270	0.39972	3.33E-03	1.3E-03	1.05E-03	1.39E-06	4.31E-04	5.99E-10	1.0E+06	6.0E-04
271	0.32977	3.33E-03	1.1E-03	1.05E-03	1.15E-06	4.31E-04	4.94E-10	1.0E+06	4.9E-04
272	0.27615	3.33E-03	9.2E-04	1.05E-03	9.61E-07	4.31E-04	4.14E-10	1.0E+06	4.1E-04
273	0.23437	3.33E-03	7.8E-04	1.05E-03	8.16E-07	4.31E-04	3.51E-10	1.0E+06	3.5E-04
274	0.20135	3.33E-03	6.7E-04	1.05E-03	7.01E-07	4.31E-04	3.02E-10	1.0E+06	3.0E-04
275	0.17486	3.33E-03	5.8E-04	1.05E-03	6.09E-07	4.31E-04	2.62E-10	1.0E+06	2.6E-04
276	0.43643	3.33E-03	1.5E-03	1.05E-03	1.52E-06	4.31E-04	6.54E-10	1.0E+06	6.5E-04
277	0.35491	3.33E-03	1.2E-03	1.05E-03	1.24E-06	4.31E-04	5.32E-10	1.0E+06	5.3E-04
278	0.29392	3.33E-03	9.8E-04	1.05E-03	1.02E-06	4.31E-04	4.40E-10	1.0E+06	4.4E-04
279	0.24725	3.33E-03	8.2E-04	1.05E-03	8.61E-07	4.31E-04	3.71E-10	1.0E+06	3.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.21091	3.33E-03	7.0E-04	1.05E-03	7.34E-07	4.31E-04	3.16E-10	1.0E+06	3.2E-04
281	0.18212	3.33E-03	6.1E-04	1.05E-03	6.34E-07	4.31E-04	2.73E-10	1.0E+06	2.7E-04
282	0.15895	3.33E-03	5.3E-04	1.05E-03	5.53E-07	4.31E-04	2.38E-10	1.0E+06	2.4E-04
283	0.37876	3.33E-03	1.3E-03	1.05E-03	1.32E-06	4.31E-04	5.68E-10	1.0E+06	5.7E-04
284	0.31071	3.33E-03	1.0E-03	1.05E-03	1.08E-06	4.31E-04	4.66E-10	1.0E+06	4.7E-04
285	0.25949	3.33E-03	8.6E-04	1.05E-03	9.03E-07	4.31E-04	3.89E-10	1.0E+06	3.9E-04
286	0.22003	3.33E-03	7.3E-04	1.05E-03	7.66E-07	4.31E-04	3.30E-10	1.0E+06	3.3E-04
287	0.18907	3.33E-03	6.3E-04	1.05E-03	6.58E-07	4.31E-04	2.83E-10	1.0E+06	2.8E-04
288	0.16436	3.33E-03	5.5E-04	1.05E-03	5.72E-07	4.31E-04	2.46E-10	1.0E+06	2.5E-04
289	0.14434	3.33E-03	4.8E-04	1.05E-03	5.02E-07	4.31E-04	2.16E-10	1.0E+06	2.2E-04
290	0.32669	3.33E-03	1.1E-03	1.05E-03	1.14E-06	4.31E-04	4.90E-10	1.0E+06	4.9E-04
291	0.27126	3.33E-03	9.0E-04	1.05E-03	9.44E-07	4.31E-04	4.06E-10	1.0E+06	4.1E-04
292	0.22894	3.33E-03	7.6E-04	1.05E-03	7.97E-07	4.31E-04	3.43E-10	1.0E+06	3.4E-04
293	0.19595	3.33E-03	6.5E-04	1.05E-03	6.82E-07	4.31E-04	2.94E-10	1.0E+06	2.9E-04
294	0.16976	3.33E-03	5.7E-04	1.05E-03	5.91E-07	4.31E-04	2.54E-10	1.0E+06	2.5E-04
295	0.14866	3.33E-03	5.0E-04	1.05E-03	5.17E-07	4.31E-04	2.23E-10	1.0E+06	2.2E-04
296	0.13141	3.33E-03	4.4E-04	1.05E-03	4.57E-07	4.31E-04	1.97E-10	1.0E+06	2.0E-04
297	0.28329	3.33E-03	9.4E-04	1.05E-03	9.86E-07	4.31E-04	4.25E-10	1.0E+06	4.2E-04
298	0.23817	3.33E-03	7.9E-04	1.05E-03	8.29E-07	4.31E-04	3.57E-10	1.0E+06	3.6E-04
299	0.20316	3.33E-03	6.8E-04	1.05E-03	7.07E-07	4.31E-04	3.04E-10	1.0E+06	3.0E-04
300	0.1755	3.33E-03	5.8E-04	1.05E-03	6.11E-07	4.31E-04	2.63E-10	1.0E+06	2.6E-04
301	0.15327	3.33E-03	5.1E-04	1.05E-03	5.33E-07	4.31E-04	2.30E-10	1.0E+06	2.3E-04
302	0.13517	3.33E-03	4.5E-04	1.05E-03	4.70E-07	4.31E-04	2.03E-10	1.0E+06	2.0E-04
303	0.12022	3.33E-03	4.0E-04	1.05E-03	4.18E-07	4.31E-04	1.80E-10	1.0E+06	1.8E-04
304	0.2481	3.33E-03	8.3E-04	1.05E-03	8.64E-07	4.31E-04	3.72E-10	1.0E+06	3.7E-04
305	0.21102	3.33E-03	7.0E-04	1.05E-03	7.34E-07	4.31E-04	3.16E-10	1.0E+06	3.2E-04
306	0.1818	3.33E-03	6.1E-04	1.05E-03	6.33E-07	4.31E-04	2.72E-10	1.0E+06	2.7E-04
307	0.15838	3.33E-03	5.3E-04	1.05E-03	5.51E-07	4.31E-04	2.37E-10	1.0E+06	2.4E-04
308	0.13935	3.33E-03	4.6E-04	1.05E-03	4.85E-07	4.31E-04	2.09E-10	1.0E+06	2.1E-04
309	0.12369	3.33E-03	4.1E-04	1.05E-03	4.31E-07	4.31E-04	1.85E-10	1.0E+06	1.9E-04
310	0.11065	3.33E-03	3.7E-04	1.05E-03	3.85E-07	4.31E-04	1.66E-10	1.0E+06	1.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.2195	3.33E-03	7.3E-04	1.05E-03	7.64E-07	4.31E-04	3.29E-10	1.0E+06	3.3E-04
312	0.18865	3.33E-03	6.3E-04	1.05E-03	6.57E-07	4.31E-04	2.83E-10	1.0E+06	2.8E-04
313	0.164	3.33E-03	5.5E-04	1.05E-03	5.71E-07	4.31E-04	2.46E-10	1.0E+06	2.5E-04
314	0.14399	3.33E-03	4.8E-04	1.05E-03	5.01E-07	4.31E-04	2.16E-10	1.0E+06	2.2E-04
315	0.12755	3.33E-03	4.2E-04	1.05E-03	4.44E-07	4.31E-04	1.91E-10	1.0E+06	1.9E-04
316	0.11388	3.33E-03	3.8E-04	1.05E-03	3.96E-07	4.31E-04	1.71E-10	1.0E+06	1.7E-04
317	0.10241	3.33E-03	3.4E-04	1.05E-03	3.56E-07	4.31E-04	1.53E-10	1.0E+06	1.5E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Paving Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	3.34E-05
2	5	3.48E-05
3	5	3.53E-05
4	5	4.87E-05
5	5	5.12E-05
6	5	5.38E-05
7	5	5.63E-05
8	5	5.86E-05
9	5	6.09E-05
10	5	6.31E-05
11	5	6.52E-05
12	5	6.73E-05
13	5	6.98E-05
14	5	7.25E-05
15	5	7.56E-05
16	5	7.96E-05
17	5	8.44E-05
18	5	9.00E-05
19	5	9.64E-05
20	5	1.03E-04
21	5	1.10E-04
22	5	1.17E-04
23	5	1.23E-04
24	5	1.27E-04
25	5	1.30E-04
26	5	3.58E-05
27	5	3.75E-05
28	5	3.80E-05
29	5	5.36E-05
30	5	5.67E-05
31	5	5.99E-05

Max	Receptor #
0.002	239

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	6.30E-05
33	5	6.60E-05
34	5	6.89E-05
35	5	7.16E-05
36	5	7.43E-05
37	5	7.72E-05
38	5	8.04E-05
39	5	8.37E-05
40	5	8.78E-05
41	5	9.31E-05
42	5	9.94E-05
43	5	1.07E-04
44	5	1.15E-04
45	5	1.24E-04
46	5	1.32E-04
47	5	1.40E-04
48	5	1.45E-04
49	5	1.50E-04
50	5	1.51E-04
51	5	3.85E-05
52	5	4.04E-05
53	5	4.12E-05
54	5	5.93E-05
55	5	6.31E-05
56	5	6.71E-05
57	5	7.10E-05
58	5	7.49E-05
59	5	7.87E-05
60	5	8.23E-05
61	5	8.57E-05
62	5	8.96E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	9.35E-05
64	5	9.79E-05
65	5	1.03E-04
66	5	1.11E-04
67	5	1.19E-04
68	5	1.29E-04
69	5	1.40E-04
70	5	1.51E-04
71	5	1.60E-04
72	5	1.68E-04
73	5	1.74E-04
74	5	1.76E-04
75	5	1.76E-04
76	5	4.14E-05
77	5	4.37E-05
78	5	4.47E-05
79	5	6.59E-05
80	5	7.07E-05
81	5	7.56E-05
82	5	8.07E-05
83	5	8.59E-05
84	5	9.08E-05
85	5	9.56E-05
86	5	1.01E-04
87	5	1.06E-04
88	5	1.10E-04
89	5	1.16E-04
90	5	1.24E-04
91	5	1.34E-04
92	5	1.46E-04
93	5	1.59E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	1.73E-04
95	5	1.86E-04
96	5	1.97E-04
97	5	2.04E-04
98	5	2.07E-04
99	5	2.07E-04
100	5	2.02E-04
101	5	4.46E-05
102	5	4.72E-05
103	5	4.87E-05
104	5	7.38E-05
105	5	7.96E-05
106	5	8.60E-05
107	5	9.26E-05
108	5	9.94E-05
109	5	1.06E-04
110	5	1.13E-04
111	5	1.20E-04
112	5	1.26E-04
113	5	1.33E-04
114	5	1.41E-04
115	5	1.52E-04
116	5	1.66E-04
117	5	1.82E-04
118	5	2.01E-04
119	5	2.18E-04
120	5	2.33E-04
121	5	2.44E-04
122	5	2.48E-04
123	5	2.47E-04
124	5	2.41E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	4.80E-05
126	5	5.11E-05
127	5	5.31E-05
128	5	9.05E-05
129	5	9.86E-05
130	5	1.07E-04
131	5	1.17E-04
132	5	1.26E-04
133	5	1.35E-04
134	5	1.45E-04
135	5	1.53E-04
136	5	1.63E-04
137	5	1.75E-04
138	5	1.91E-04
139	5	2.11E-04
140	5	2.35E-04
141	5	2.59E-04
142	5	2.81E-04
143	5	2.96E-04
144	5	3.03E-04
145	5	3.01E-04
146	5	2.92E-04
147	5	5.16E-05
148	5	5.53E-05
149	5	5.80E-05
150	5	1.04E-04
151	5	1.14E-04
152	5	1.26E-04
153	5	1.38E-04
154	5	1.52E-04
155	5	1.66E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	1.79E-04
157	5	1.91E-04
158	5	2.05E-04
159	5	2.23E-04
160	5	2.47E-04
161	5	2.78E-04
162	5	3.12E-04
163	5	3.44E-04
164	5	3.67E-04
165	5	3.78E-04
166	5	3.75E-04
167	5	3.61E-04
168	5	3.38E-04
169	5	5.55E-05
170	5	5.98E-05
171	5	6.35E-05
172	5	6.73E-05
173	5	1.20E-04
174	5	1.34E-04
175	5	1.49E-04
176	5	1.67E-04
177	5	1.87E-04
178	5	2.07E-04
179	5	2.27E-04
180	5	2.46E-04
181	5	2.67E-04
182	5	2.95E-04
183	5	4.80E-04
184	5	4.58E-04
185	5	6.45E-05
186	5	6.94E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	7.39E-05
188	5	1.40E-04
189	5	1.58E-04
190	5	1.80E-04
191	5	2.06E-04
192	5	2.36E-04
193	5	2.67E-04
194	5	2.97E-04
195	5	3.27E-04
196	5	3.62E-04
197	5	4.10E-04
198	5	7.50E-05
199	5	8.14E-05
200	5	8.10E-05
201	5	8.92E-05
202	5	9.72E-05
203	5	9.68E-05
204	5	1.08E-04
205	5	1.20E-04
206	5	1.18E-04
207	5	1.34E-04
208	5	1.53E-04
209	5	1.29E-04
210	5	1.49E-04
211	5	1.71E-04
212	5	1.64E-04
213	5	1.94E-04
214	5	2.28E-04
215	5	1.82E-04
216	5	2.16E-04
217	5	2.58E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	2.91E-04
219	5	3.62E-04
220	5	3.22E-04
221	5	3.97E-04
222	5	3.41E-04
223	5	4.16E-04
224	5	5.23E-04
225	5	4.13E-04
226	5	4.99E-04
227	5	1.41E-04
228	5	1.22E-04
229	5	1.07E-04
230	5	9.41E-05
231	5	1.24E-04
232	5	1.09E-04
233	5	9.63E-05
234	5	8.57E-05
235	5	1.10E-04
236	5	9.77E-05
237	5	8.72E-05
238	5	7.83E-05
239	5	1.68E-03
240	5	1.45E-03
241	5	1.24E-03
242	5	1.05E-03
243	5	1.26E-03
244	5	1.12E-03
245	5	9.79E-04
246	5	8.55E-04
247	5	9.88E-04
248	5	8.88E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	7.93E-04
250	5	7.04E-04
251	5	3.17E-04
252	5	2.92E-04
253	5	3.46E-04
254	5	3.23E-04
255	5	2.81E-04
256	5	2.61E-04
257	5	2.08E-04
258	5	3.03E-04
259	5	2.85E-04
260	5	2.67E-04
261	5	2.50E-04
262	5	2.34E-04
263	5	1.90E-04
264	5	2.52E-04
265	5	2.38E-04
266	5	2.24E-04
267	5	2.10E-04
268	5	1.74E-04
269	5	3.28E-04
270	5	2.66E-04
271	5	2.20E-04
272	5	1.84E-04
273	5	1.56E-04
274	5	1.34E-04
275	5	1.16E-04
276	5	2.91E-04
277	5	2.36E-04
278	5	1.96E-04
279	5	1.65E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	1.40E-04
281	5	1.21E-04
282	5	1.06E-04
283	5	2.52E-04
284	5	2.07E-04
285	5	1.73E-04
286	5	1.47E-04
287	5	1.26E-04
288	5	1.09E-04
289	5	9.61E-05
290	5	2.18E-04
291	5	1.81E-04
292	5	1.52E-04
293	5	1.31E-04
294	5	1.13E-04
295	5	9.90E-05
296	5	8.75E-05
297	5	1.89E-04
298	5	1.59E-04
299	5	1.35E-04
300	5	1.17E-04
301	5	1.02E-04
302	5	9.00E-05
303	5	8.01E-05
304	5	1.65E-04
305	5	1.41E-04
306	5	1.21E-04
307	5	1.05E-04
308	5	9.28E-05
309	5	8.24E-05
310	5	7.37E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	1.46E-04
312	5	1.26E-04
313	5	1.09E-04
314	5	9.59E-05
315	5	8.50E-05
316	5	7.58E-05
317	5	6.82E-05

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Parcel 5-H: Unmitigated - Parcel 5 - Architectural Coating Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.04993	8.92E-04	4.5E-05	1.05E-03	4.66E-08	4.31E-04	2.00E-11	1.0E+06	2.0E-05
2	0.05214	8.92E-04	4.7E-05	1.05E-03	4.86E-08	4.31E-04	2.09E-11	1.0E+06	2.1E-05
3	0.05283	8.92E-04	4.7E-05	1.05E-03	4.93E-08	4.31E-04	2.12E-11	1.0E+06	2.1E-05
4	0.0729	8.92E-04	6.5E-05	1.05E-03	6.80E-08	4.31E-04	2.93E-11	1.0E+06	2.9E-05
5	0.07678	8.92E-04	6.8E-05	1.05E-03	7.16E-08	4.31E-04	3.08E-11	1.0E+06	3.1E-05
6	0.08066	8.92E-04	7.2E-05	1.05E-03	7.52E-08	4.31E-04	3.24E-11	1.0E+06	3.2E-05
7	0.08445	8.92E-04	7.5E-05	1.05E-03	7.87E-08	4.31E-04	3.39E-11	1.0E+06	3.4E-05
8	0.0881	8.92E-04	7.9E-05	1.05E-03	8.21E-08	4.31E-04	3.54E-11	1.0E+06	3.5E-05
9	0.09158	8.92E-04	8.2E-05	1.05E-03	8.54E-08	4.31E-04	3.68E-11	1.0E+06	3.7E-05
10	0.09489	8.92E-04	8.5E-05	1.05E-03	8.85E-08	4.31E-04	3.81E-11	1.0E+06	3.8E-05
11	0.09809	8.92E-04	8.8E-05	1.05E-03	9.15E-08	4.31E-04	3.94E-11	1.0E+06	3.9E-05
12	0.10135	8.92E-04	9.0E-05	1.05E-03	9.45E-08	4.31E-04	4.07E-11	1.0E+06	4.1E-05
13	0.10502	8.92E-04	9.4E-05	1.05E-03	9.79E-08	4.31E-04	4.22E-11	1.0E+06	4.2E-05
14	0.10894	8.92E-04	9.7E-05	1.05E-03	1.02E-07	4.31E-04	4.37E-11	1.0E+06	4.4E-05
15	0.11347	8.92E-04	1.0E-04	1.05E-03	1.06E-07	4.31E-04	4.55E-11	1.0E+06	4.6E-05
16	0.11919	8.92E-04	1.1E-04	1.05E-03	1.11E-07	4.31E-04	4.78E-11	1.0E+06	4.8E-05
17	0.12622	8.92E-04	1.1E-04	1.05E-03	1.18E-07	4.31E-04	5.07E-11	1.0E+06	5.1E-05
18	0.13452	8.92E-04	1.2E-04	1.05E-03	1.25E-07	4.31E-04	5.40E-11	1.0E+06	5.4E-05
19	0.14409	8.92E-04	1.3E-04	1.05E-03	1.34E-07	4.31E-04	5.78E-11	1.0E+06	5.8E-05
20	0.15452	8.92E-04	1.4E-04	1.05E-03	1.44E-07	4.31E-04	6.20E-11	1.0E+06	6.2E-05
21	0.1652	8.92E-04	1.5E-04	1.05E-03	1.54E-07	4.31E-04	6.63E-11	1.0E+06	6.6E-05
22	0.17547	8.92E-04	1.6E-04	1.05E-03	1.64E-07	4.31E-04	7.04E-11	1.0E+06	7.0E-05
23	0.18464	8.92E-04	1.6E-04	1.05E-03	1.72E-07	4.31E-04	7.41E-11	1.0E+06	7.4E-05
24	0.19208	8.92E-04	1.7E-04	1.05E-03	1.79E-07	4.31E-04	7.71E-11	1.0E+06	7.7E-05
25	0.19732	8.92E-04	1.8E-04	1.05E-03	1.84E-07	4.31E-04	7.92E-11	1.0E+06	7.9E-05
26	0.05355	8.92E-04	4.8E-05	1.05E-03	4.99E-08	4.31E-04	2.15E-11	1.0E+06	2.1E-05
27	0.05607	8.92E-04	5.0E-05	1.05E-03	5.23E-08	4.31E-04	2.25E-11	1.0E+06	2.3E-05
28	0.05691	8.92E-04	5.1E-05	1.05E-03	5.31E-08	4.31E-04	2.28E-11	1.0E+06	2.3E-05
29	0.08015	8.92E-04	7.1E-05	1.05E-03	7.47E-08	4.31E-04	3.22E-11	1.0E+06	3.2E-05
30	0.0849	8.92E-04	7.6E-05	1.05E-03	7.92E-08	4.31E-04	3.41E-11	1.0E+06	3.4E-05
31	0.08973	8.92E-04	8.0E-05	1.05E-03	8.37E-08	4.31E-04	3.60E-11	1.0E+06	3.6E-05

<b>Max</b>	<b>Receptor #</b>
0.00095	239



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.09451	8.92E-04	8.4E-05	1.05E-03	8.81E-08	4.31E-04	3.79E-11	1.0E+06	3.8E-05
33	0.09914	8.92E-04	8.8E-05	1.05E-03	9.24E-08	4.31E-04	3.98E-11	1.0E+06	4.0E-05
34	0.10356	8.92E-04	9.2E-05	1.05E-03	9.66E-08	4.31E-04	4.16E-11	1.0E+06	4.2E-05
35	0.10779	8.92E-04	9.6E-05	1.05E-03	1.01E-07	4.31E-04	4.33E-11	1.0E+06	4.3E-05
36	0.11184	8.92E-04	1.0E-04	1.05E-03	1.04E-07	4.31E-04	4.49E-11	1.0E+06	4.5E-05
37	0.11621	8.92E-04	1.0E-04	1.05E-03	1.08E-07	4.31E-04	4.66E-11	1.0E+06	4.7E-05
38	0.12086	8.92E-04	1.1E-04	1.05E-03	1.13E-07	4.31E-04	4.85E-11	1.0E+06	4.9E-05
39	0.12569	8.92E-04	1.1E-04	1.05E-03	1.17E-07	4.31E-04	5.05E-11	1.0E+06	5.0E-05
40	0.13159	8.92E-04	1.2E-04	1.05E-03	1.23E-07	4.31E-04	5.28E-11	1.0E+06	5.3E-05
41	0.1392	8.92E-04	1.2E-04	1.05E-03	1.30E-07	4.31E-04	5.59E-11	1.0E+06	5.6E-05
42	0.14843	8.92E-04	1.3E-04	1.05E-03	1.38E-07	4.31E-04	5.96E-11	1.0E+06	6.0E-05
43	0.15946	8.92E-04	1.4E-04	1.05E-03	1.49E-07	4.31E-04	6.40E-11	1.0E+06	6.4E-05
44	0.17195	8.92E-04	1.5E-04	1.05E-03	1.60E-07	4.31E-04	6.90E-11	1.0E+06	6.9E-05
45	0.18517	8.92E-04	1.7E-04	1.05E-03	1.73E-07	4.31E-04	7.43E-11	1.0E+06	7.4E-05
46	0.19819	8.92E-04	1.8E-04	1.05E-03	1.85E-07	4.31E-04	7.96E-11	1.0E+06	8.0E-05
47	0.21	8.92E-04	1.9E-04	1.05E-03	1.96E-07	4.31E-04	8.43E-11	1.0E+06	8.4E-05
48	0.21968	8.92E-04	2.0E-04	1.05E-03	2.05E-07	4.31E-04	8.82E-11	1.0E+06	8.8E-05
49	0.22651	8.92E-04	2.0E-04	1.05E-03	2.11E-07	4.31E-04	9.09E-11	1.0E+06	9.1E-05
50	0.23006	8.92E-04	2.1E-04	1.05E-03	2.15E-07	4.31E-04	9.24E-11	1.0E+06	9.2E-05
51	0.05752	8.92E-04	5.1E-05	1.05E-03	5.36E-08	4.31E-04	2.31E-11	1.0E+06	2.3E-05
52	0.06044	8.92E-04	5.4E-05	1.05E-03	5.64E-08	4.31E-04	2.43E-11	1.0E+06	2.4E-05
53	0.06154	8.92E-04	5.5E-05	1.05E-03	5.74E-08	4.31E-04	2.47E-11	1.0E+06	2.5E-05
54	0.08856	8.92E-04	7.9E-05	1.05E-03	8.26E-08	4.31E-04	3.55E-11	1.0E+06	3.6E-05
55	0.09438	8.92E-04	8.4E-05	1.05E-03	8.80E-08	4.31E-04	3.79E-11	1.0E+06	3.8E-05
56	0.10041	8.92E-04	9.0E-05	1.05E-03	9.36E-08	4.31E-04	4.03E-11	1.0E+06	4.0E-05
57	0.1065	8.92E-04	9.5E-05	1.05E-03	9.93E-08	4.31E-04	4.28E-11	1.0E+06	4.3E-05
58	0.11245	8.92E-04	1.0E-04	1.05E-03	1.05E-07	4.31E-04	4.51E-11	1.0E+06	4.5E-05
59	0.11822	8.92E-04	1.1E-04	1.05E-03	1.10E-07	4.31E-04	4.75E-11	1.0E+06	4.7E-05
60	0.12373	8.92E-04	1.1E-04	1.05E-03	1.15E-07	4.31E-04	4.97E-11	1.0E+06	5.0E-05
61	0.12899	8.92E-04	1.2E-04	1.05E-03	1.20E-07	4.31E-04	5.18E-11	1.0E+06	5.2E-05
62	0.13479	8.92E-04	1.2E-04	1.05E-03	1.26E-07	4.31E-04	5.41E-11	1.0E+06	5.4E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
63	0.1406	8.92E-04	1.3E-04	1.05E-03	1.31E-07	4.31E-04	5.64E-11	1.0E+06	5.6E-05
64	0.14692	8.92E-04	1.3E-04	1.05E-03	1.37E-07	4.31E-04	5.90E-11	1.0E+06	5.9E-05
65	0.15477	8.92E-04	1.4E-04	1.05E-03	1.44E-07	4.31E-04	6.21E-11	1.0E+06	6.2E-05
66	0.16507	8.92E-04	1.5E-04	1.05E-03	1.54E-07	4.31E-04	6.63E-11	1.0E+06	6.6E-05
67	0.17757	8.92E-04	1.6E-04	1.05E-03	1.66E-07	4.31E-04	7.13E-11	1.0E+06	7.1E-05
68	0.19243	8.92E-04	1.7E-04	1.05E-03	1.79E-07	4.31E-04	7.72E-11	1.0E+06	7.7E-05
69	0.20884	8.92E-04	1.9E-04	1.05E-03	1.95E-07	4.31E-04	8.38E-11	1.0E+06	8.4E-05
70	0.22551	8.92E-04	2.0E-04	1.05E-03	2.10E-07	4.31E-04	9.05E-11	1.0E+06	9.1E-05
71	0.24099	8.92E-04	2.1E-04	1.05E-03	2.25E-07	4.31E-04	9.67E-11	1.0E+06	9.7E-05
72	0.25386	8.92E-04	2.3E-04	1.05E-03	2.37E-07	4.31E-04	1.02E-10	1.0E+06	1.0E-04
73	0.26297	8.92E-04	2.3E-04	1.05E-03	2.45E-07	4.31E-04	1.06E-10	1.0E+06	1.1E-04
74	0.26766	8.92E-04	2.4E-04	1.05E-03	2.50E-07	4.31E-04	1.07E-10	1.0E+06	1.1E-04
75	0.26776	8.92E-04	2.4E-04	1.05E-03	2.50E-07	4.31E-04	1.07E-10	1.0E+06	1.1E-04
76	0.06185	8.92E-04	5.5E-05	1.05E-03	5.77E-08	4.31E-04	2.48E-11	1.0E+06	2.5E-05
77	0.06526	8.92E-04	5.8E-05	1.05E-03	6.08E-08	4.31E-04	2.62E-11	1.0E+06	2.6E-05
78	0.0668	8.92E-04	6.0E-05	1.05E-03	6.23E-08	4.31E-04	2.68E-11	1.0E+06	2.7E-05
79	0.09839	8.92E-04	8.8E-05	1.05E-03	9.17E-08	4.31E-04	3.95E-11	1.0E+06	3.9E-05
80	0.10553	8.92E-04	9.4E-05	1.05E-03	9.84E-08	4.31E-04	4.24E-11	1.0E+06	4.2E-05
81	0.11311	8.92E-04	1.0E-04	1.05E-03	1.05E-07	4.31E-04	4.54E-11	1.0E+06	4.5E-05
82	0.12091	8.92E-04	1.1E-04	1.05E-03	1.13E-07	4.31E-04	4.85E-11	1.0E+06	4.9E-05
83	0.12872	8.92E-04	1.1E-04	1.05E-03	1.20E-07	4.31E-04	5.17E-11	1.0E+06	5.2E-05
84	0.13636	8.92E-04	1.2E-04	1.05E-03	1.27E-07	4.31E-04	5.47E-11	1.0E+06	5.5E-05
85	0.14371	8.92E-04	1.3E-04	1.05E-03	1.34E-07	4.31E-04	5.77E-11	1.0E+06	5.8E-05
86	0.15136	8.92E-04	1.4E-04	1.05E-03	1.41E-07	4.31E-04	6.08E-11	1.0E+06	6.1E-05
87	0.15869	8.92E-04	1.4E-04	1.05E-03	1.48E-07	4.31E-04	6.37E-11	1.0E+06	6.4E-05
88	0.16593	8.92E-04	1.5E-04	1.05E-03	1.55E-07	4.31E-04	6.66E-11	1.0E+06	6.7E-05
89	0.1744	8.92E-04	1.6E-04	1.05E-03	1.63E-07	4.31E-04	7.00E-11	1.0E+06	7.0E-05
90	0.18526	8.92E-04	1.7E-04	1.05E-03	1.73E-07	4.31E-04	7.44E-11	1.0E+06	7.4E-05
91	0.19939	8.92E-04	1.8E-04	1.05E-03	1.86E-07	4.31E-04	8.00E-11	1.0E+06	8.0E-05
92	0.21679	8.92E-04	1.9E-04	1.05E-03	2.02E-07	4.31E-04	8.70E-11	1.0E+06	8.7E-05
93	0.23708	8.92E-04	2.1E-04	1.05E-03	2.21E-07	4.31E-04	9.52E-11	1.0E+06	9.5E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
94	0.25863	8.92E-04	2.3E-04	1.05E-03	2.41E-07	4.31E-04	1.04E-10	1.0E+06	1.0E-04
95	0.27927	8.92E-04	2.5E-04	1.05E-03	2.60E-07	4.31E-04	1.12E-10	1.0E+06	1.1E-04
96	0.29676	8.92E-04	2.6E-04	1.05E-03	2.77E-07	4.31E-04	1.19E-10	1.0E+06	1.2E-04
97	0.30927	8.92E-04	2.8E-04	1.05E-03	2.88E-07	4.31E-04	1.24E-10	1.0E+06	1.2E-04
98	0.31567	8.92E-04	2.8E-04	1.05E-03	2.94E-07	4.31E-04	1.27E-10	1.0E+06	1.3E-04
99	0.31568	8.92E-04	2.8E-04	1.05E-03	2.94E-07	4.31E-04	1.27E-10	1.0E+06	1.3E-04
100	0.30976	8.92E-04	2.8E-04	1.05E-03	2.89E-07	4.31E-04	1.24E-10	1.0E+06	1.2E-04
101	0.06654	8.92E-04	5.9E-05	1.05E-03	6.20E-08	4.31E-04	2.67E-11	1.0E+06	2.7E-05
102	0.07055	8.92E-04	6.3E-05	1.05E-03	6.58E-08	4.31E-04	2.83E-11	1.0E+06	2.8E-05
103	0.0727	8.92E-04	6.5E-05	1.05E-03	6.78E-08	4.31E-04	2.92E-11	1.0E+06	2.9E-05
104	0.11001	8.92E-04	9.8E-05	1.05E-03	1.03E-07	4.31E-04	4.42E-11	1.0E+06	4.4E-05
105	0.1188	8.92E-04	1.1E-04	1.05E-03	1.11E-07	4.31E-04	4.77E-11	1.0E+06	4.8E-05
106	0.12837	8.92E-04	1.1E-04	1.05E-03	1.20E-07	4.31E-04	5.15E-11	1.0E+06	5.2E-05
107	0.1385	8.92E-04	1.2E-04	1.05E-03	1.29E-07	4.31E-04	5.56E-11	1.0E+06	5.6E-05
108	0.14889	8.92E-04	1.3E-04	1.05E-03	1.39E-07	4.31E-04	5.98E-11	1.0E+06	6.0E-05
109	0.15918	8.92E-04	1.4E-04	1.05E-03	1.48E-07	4.31E-04	6.39E-11	1.0E+06	6.4E-05
110	0.16935	8.92E-04	1.5E-04	1.05E-03	1.58E-07	4.31E-04	6.80E-11	1.0E+06	6.8E-05
111	0.18008	8.92E-04	1.6E-04	1.05E-03	1.68E-07	4.31E-04	7.23E-11	1.0E+06	7.2E-05
112	0.1894	8.92E-04	1.7E-04	1.05E-03	1.77E-07	4.31E-04	7.60E-11	1.0E+06	7.6E-05
113	0.19922	8.92E-04	1.8E-04	1.05E-03	1.86E-07	4.31E-04	8.00E-11	1.0E+06	8.0E-05
114	0.21093	8.92E-04	1.9E-04	1.05E-03	1.97E-07	4.31E-04	8.47E-11	1.0E+06	8.5E-05
115	0.22626	8.92E-04	2.0E-04	1.05E-03	2.11E-07	4.31E-04	9.08E-11	1.0E+06	9.1E-05
116	0.24619	8.92E-04	2.2E-04	1.05E-03	2.30E-07	4.31E-04	9.88E-11	1.0E+06	9.9E-05
117	0.27105	8.92E-04	2.4E-04	1.05E-03	2.53E-07	4.31E-04	1.09E-10	1.0E+06	1.1E-04
118	0.29906	8.92E-04	2.7E-04	1.05E-03	2.79E-07	4.31E-04	1.20E-10	1.0E+06	1.2E-04
119	0.32706	8.92E-04	2.9E-04	1.05E-03	3.05E-07	4.31E-04	1.31E-10	1.0E+06	1.3E-04
120	0.35148	8.92E-04	3.1E-04	1.05E-03	3.28E-07	4.31E-04	1.41E-10	1.0E+06	1.4E-04
121	0.36921	8.92E-04	3.3E-04	1.05E-03	3.44E-07	4.31E-04	1.48E-10	1.0E+06	1.5E-04
122	0.37828	8.92E-04	3.4E-04	1.05E-03	3.53E-07	4.31E-04	1.52E-10	1.0E+06	1.5E-04
123	0.37817	8.92E-04	3.4E-04	1.05E-03	3.53E-07	4.31E-04	1.52E-10	1.0E+06	1.5E-04
124	0.36965	8.92E-04	3.3E-04	1.05E-03	3.45E-07	4.31E-04	1.48E-10	1.0E+06	1.5E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
125	0.07156	8.92E-04	6.4E-05	1.05E-03	6.67E-08	4.31E-04	2.87E-11	1.0E+06	2.9E-05
126	0.07626	8.92E-04	6.8E-05	1.05E-03	7.11E-08	4.31E-04	3.06E-11	1.0E+06	3.1E-05
127	0.07917	8.92E-04	7.1E-05	1.05E-03	7.38E-08	4.31E-04	3.18E-11	1.0E+06	3.2E-05
128	0.13477	8.92E-04	1.2E-04	1.05E-03	1.26E-07	4.31E-04	5.41E-11	1.0E+06	5.4E-05
129	0.14693	8.92E-04	1.3E-04	1.05E-03	1.37E-07	4.31E-04	5.90E-11	1.0E+06	5.9E-05
130	0.16024	8.92E-04	1.4E-04	1.05E-03	1.49E-07	4.31E-04	6.43E-11	1.0E+06	6.4E-05
131	0.17422	8.92E-04	1.6E-04	1.05E-03	1.62E-07	4.31E-04	6.99E-11	1.0E+06	7.0E-05
132	0.18839	8.92E-04	1.7E-04	1.05E-03	1.76E-07	4.31E-04	7.56E-11	1.0E+06	7.6E-05
133	0.20316	8.92E-04	1.8E-04	1.05E-03	1.89E-07	4.31E-04	8.16E-11	1.0E+06	8.2E-05
134	0.21739	8.92E-04	1.9E-04	1.05E-03	2.03E-07	4.31E-04	8.73E-11	1.0E+06	8.7E-05
135	0.2304	8.92E-04	2.1E-04	1.05E-03	2.15E-07	4.31E-04	9.25E-11	1.0E+06	9.2E-05
136	0.24414	8.92E-04	2.2E-04	1.05E-03	2.28E-07	4.31E-04	9.80E-11	1.0E+06	9.8E-05
137	0.26087	8.92E-04	2.3E-04	1.05E-03	2.43E-07	4.31E-04	1.05E-10	1.0E+06	1.0E-04
138	0.28342	8.92E-04	2.5E-04	1.05E-03	2.64E-07	4.31E-04	1.14E-10	1.0E+06	1.1E-04
139	0.31248	8.92E-04	2.8E-04	1.05E-03	2.91E-07	4.31E-04	1.25E-10	1.0E+06	1.3E-04
140	0.34851	8.92E-04	3.1E-04	1.05E-03	3.25E-07	4.31E-04	1.40E-10	1.0E+06	1.4E-04
141	0.38709	8.92E-04	3.5E-04	1.05E-03	3.61E-07	4.31E-04	1.55E-10	1.0E+06	1.6E-04
142	0.42229	8.92E-04	3.8E-04	1.05E-03	3.94E-07	4.31E-04	1.70E-10	1.0E+06	1.7E-04
143	0.44851	8.92E-04	4.0E-04	1.05E-03	4.18E-07	4.31E-04	1.80E-10	1.0E+06	1.8E-04
144	0.46198	8.92E-04	4.1E-04	1.05E-03	4.31E-07	4.31E-04	1.85E-10	1.0E+06	1.9E-04
145	0.46176	8.92E-04	4.1E-04	1.05E-03	4.31E-07	4.31E-04	1.85E-10	1.0E+06	1.9E-04
146	0.44916	8.92E-04	4.0E-04	1.05E-03	4.19E-07	4.31E-04	1.80E-10	1.0E+06	1.8E-04
147	0.07691	8.92E-04	6.9E-05	1.05E-03	7.17E-08	4.31E-04	3.09E-11	1.0E+06	3.1E-05
148	0.08242	8.92E-04	7.4E-05	1.05E-03	7.68E-08	4.31E-04	3.31E-11	1.0E+06	3.3E-05
149	0.08644	8.92E-04	7.7E-05	1.05E-03	8.06E-08	4.31E-04	3.47E-11	1.0E+06	3.5E-05
150	0.15421	8.92E-04	1.4E-04	1.05E-03	1.44E-07	4.31E-04	6.19E-11	1.0E+06	6.2E-05
151	0.16979	8.92E-04	1.5E-04	1.05E-03	1.58E-07	4.31E-04	6.82E-11	1.0E+06	6.8E-05
152	0.18737	8.92E-04	1.7E-04	1.05E-03	1.75E-07	4.31E-04	7.52E-11	1.0E+06	7.5E-05
153	0.20654	8.92E-04	1.8E-04	1.05E-03	1.93E-07	4.31E-04	8.29E-11	1.0E+06	8.3E-05
154	0.22653	8.92E-04	2.0E-04	1.05E-03	2.11E-07	4.31E-04	9.09E-11	1.0E+06	9.1E-05
155	0.24861	8.92E-04	2.2E-04	1.05E-03	2.32E-07	4.31E-04	9.98E-11	1.0E+06	1.0E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.26805	8.92E-04	2.4E-04	1.05E-03	2.50E-07	4.31E-04	1.08E-10	1.0E+06	1.1E-04
157	0.28684	8.92E-04	2.6E-04	1.05E-03	2.67E-07	4.31E-04	1.15E-10	1.0E+06	1.2E-04
158	0.30682	8.92E-04	2.7E-04	1.05E-03	2.86E-07	4.31E-04	1.23E-10	1.0E+06	1.2E-04
159	0.33174	8.92E-04	3.0E-04	1.05E-03	3.09E-07	4.31E-04	1.33E-10	1.0E+06	1.3E-04
160	0.36566	8.92E-04	3.3E-04	1.05E-03	3.41E-07	4.31E-04	1.47E-10	1.0E+06	1.5E-04
161	0.41025	8.92E-04	3.7E-04	1.05E-03	3.83E-07	4.31E-04	1.65E-10	1.0E+06	1.6E-04
162	0.4634	8.92E-04	4.1E-04	1.05E-03	4.32E-07	4.31E-04	1.86E-10	1.0E+06	1.9E-04
163	0.51524	8.92E-04	4.6E-04	1.05E-03	4.80E-07	4.31E-04	2.07E-10	1.0E+06	2.1E-04
164	0.55567	8.92E-04	5.0E-04	1.05E-03	5.18E-07	4.31E-04	2.23E-10	1.0E+06	2.2E-04
165	0.57699	8.92E-04	5.1E-04	1.05E-03	5.38E-07	4.31E-04	2.32E-10	1.0E+06	2.3E-04
166	0.57693	8.92E-04	5.1E-04	1.05E-03	5.38E-07	4.31E-04	2.32E-10	1.0E+06	2.3E-04
167	0.55776	8.92E-04	5.0E-04	1.05E-03	5.20E-07	4.31E-04	2.24E-10	1.0E+06	2.2E-04
168	0.52444	8.92E-04	4.7E-04	1.05E-03	4.89E-07	4.31E-04	2.11E-10	1.0E+06	2.1E-04
169	0.08253	8.92E-04	7.4E-05	1.05E-03	7.70E-08	4.31E-04	3.31E-11	1.0E+06	3.3E-05
170	0.08897	8.92E-04	7.9E-05	1.05E-03	8.30E-08	4.31E-04	3.57E-11	1.0E+06	3.6E-05
171	0.09452	8.92E-04	8.4E-05	1.05E-03	8.81E-08	4.31E-04	3.79E-11	1.0E+06	3.8E-05
172	0.10007	8.92E-04	8.9E-05	1.05E-03	9.33E-08	4.31E-04	4.02E-11	1.0E+06	4.0E-05
173	0.17804	8.92E-04	1.6E-04	1.05E-03	1.66E-07	4.31E-04	7.15E-11	1.0E+06	7.1E-05
174	0.19837	8.92E-04	1.8E-04	1.05E-03	1.85E-07	4.31E-04	7.96E-11	1.0E+06	8.0E-05
175	0.22194	8.92E-04	2.0E-04	1.05E-03	2.07E-07	4.31E-04	8.91E-11	1.0E+06	8.9E-05
176	0.24854	8.92E-04	2.2E-04	1.05E-03	2.32E-07	4.31E-04	9.98E-11	1.0E+06	1.0E-04
177	0.27815	8.92E-04	2.5E-04	1.05E-03	2.59E-07	4.31E-04	1.12E-10	1.0E+06	1.1E-04
178	0.30999	8.92E-04	2.8E-04	1.05E-03	2.89E-07	4.31E-04	1.24E-10	1.0E+06	1.2E-04
179	0.3392	8.92E-04	3.0E-04	1.05E-03	3.16E-07	4.31E-04	1.36E-10	1.0E+06	1.4E-04
180	0.3677	8.92E-04	3.3E-04	1.05E-03	3.43E-07	4.31E-04	1.48E-10	1.0E+06	1.5E-04
181	0.39778	8.92E-04	3.5E-04	1.05E-03	3.71E-07	4.31E-04	1.60E-10	1.0E+06	1.6E-04
182	0.43649	8.92E-04	3.9E-04	1.05E-03	4.07E-07	4.31E-04	1.75E-10	1.0E+06	1.8E-04
183	0.74151	8.92E-04	6.6E-04	1.05E-03	6.91E-07	4.31E-04	2.98E-10	1.0E+06	3.0E-04
184	0.71132	8.92E-04	6.3E-04	1.05E-03	6.63E-07	4.31E-04	2.86E-10	1.0E+06	2.9E-04
185	0.09584	8.92E-04	8.5E-05	1.05E-03	8.94E-08	4.31E-04	3.85E-11	1.0E+06	3.8E-05
186	0.10309	8.92E-04	9.2E-05	1.05E-03	9.61E-08	4.31E-04	4.14E-11	1.0E+06	4.1E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
187	0.10974	8.92E-04	9.8E-05	1.05E-03	1.02E-07	4.31E-04	4.41E-11	1.0E+06	4.4E-05
188	0.20719	8.92E-04	1.8E-04	1.05E-03	1.93E-07	4.31E-04	8.32E-11	1.0E+06	8.3E-05
189	0.23432	8.92E-04	2.1E-04	1.05E-03	2.18E-07	4.31E-04	9.41E-11	1.0E+06	9.4E-05
190	0.26652	8.92E-04	2.4E-04	1.05E-03	2.49E-07	4.31E-04	1.07E-10	1.0E+06	1.1E-04
191	0.30437	8.92E-04	2.7E-04	1.05E-03	2.84E-07	4.31E-04	1.22E-10	1.0E+06	1.2E-04
192	0.34991	8.92E-04	3.1E-04	1.05E-03	3.26E-07	4.31E-04	1.40E-10	1.0E+06	1.4E-04
193	0.3969	8.92E-04	3.5E-04	1.05E-03	3.70E-07	4.31E-04	1.59E-10	1.0E+06	1.6E-04
194	0.44336	8.92E-04	4.0E-04	1.05E-03	4.13E-07	4.31E-04	1.78E-10	1.0E+06	1.8E-04
195	0.48851	8.92E-04	4.4E-04	1.05E-03	4.55E-07	4.31E-04	1.96E-10	1.0E+06	2.0E-04
196	0.5362	8.92E-04	4.8E-04	1.05E-03	5.00E-07	4.31E-04	2.15E-10	1.0E+06	2.2E-04
197	0.60081	8.92E-04	5.4E-04	1.05E-03	5.60E-07	4.31E-04	2.41E-10	1.0E+06	2.4E-04
198	0.11118	8.92E-04	9.9E-05	1.05E-03	1.04E-07	4.31E-04	4.46E-11	1.0E+06	4.5E-05
199	0.12072	8.92E-04	1.1E-04	1.05E-03	1.13E-07	4.31E-04	4.85E-11	1.0E+06	4.8E-05
200	0.11992	8.92E-04	1.1E-04	1.05E-03	1.12E-07	4.31E-04	4.81E-11	1.0E+06	4.8E-05
201	0.13201	8.92E-04	1.2E-04	1.05E-03	1.23E-07	4.31E-04	5.30E-11	1.0E+06	5.3E-05
202	0.14373	8.92E-04	1.3E-04	1.05E-03	1.34E-07	4.31E-04	5.77E-11	1.0E+06	5.8E-05
203	0.14285	8.92E-04	1.3E-04	1.05E-03	1.33E-07	4.31E-04	5.73E-11	1.0E+06	5.7E-05
204	0.15947	8.92E-04	1.4E-04	1.05E-03	1.49E-07	4.31E-04	6.40E-11	1.0E+06	6.4E-05
205	0.17737	8.92E-04	1.6E-04	1.05E-03	1.65E-07	4.31E-04	7.12E-11	1.0E+06	7.1E-05
206	0.17415	8.92E-04	1.6E-04	1.05E-03	1.62E-07	4.31E-04	6.99E-11	1.0E+06	7.0E-05
207	0.19666	8.92E-04	1.8E-04	1.05E-03	1.83E-07	4.31E-04	7.89E-11	1.0E+06	7.9E-05
208	0.22402	8.92E-04	2.0E-04	1.05E-03	2.09E-07	4.31E-04	8.99E-11	1.0E+06	9.0E-05
209	0.18933	8.92E-04	1.7E-04	1.05E-03	1.77E-07	4.31E-04	7.60E-11	1.0E+06	7.6E-05
210	0.21782	8.92E-04	1.9E-04	1.05E-03	2.03E-07	4.31E-04	8.74E-11	1.0E+06	8.7E-05
211	0.25002	8.92E-04	2.2E-04	1.05E-03	2.33E-07	4.31E-04	1.00E-10	1.0E+06	1.0E-04
212	0.23976	8.92E-04	2.1E-04	1.05E-03	2.24E-07	4.31E-04	9.62E-11	1.0E+06	9.6E-05
213	0.28182	8.92E-04	2.5E-04	1.05E-03	2.63E-07	4.31E-04	1.13E-10	1.0E+06	1.1E-04
214	0.33022	8.92E-04	2.9E-04	1.05E-03	3.08E-07	4.31E-04	1.33E-10	1.0E+06	1.3E-04
215	0.26467	8.92E-04	2.4E-04	1.05E-03	2.47E-07	4.31E-04	1.06E-10	1.0E+06	1.1E-04
216	0.31422	8.92E-04	2.8E-04	1.05E-03	2.93E-07	4.31E-04	1.26E-10	1.0E+06	1.3E-04
217	0.37288	8.92E-04	3.3E-04	1.05E-03	3.48E-07	4.31E-04	1.50E-10	1.0E+06	1.5E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
218	0.42044	8.92E-04	3.8E-04	1.05E-03	3.92E-07	4.31E-04	1.69E-10	1.0E+06	1.7E-04
219	0.52071	8.92E-04	4.6E-04	1.05E-03	4.86E-07	4.31E-04	2.09E-10	1.0E+06	2.1E-04
220	0.46572	8.92E-04	4.2E-04	1.05E-03	4.34E-07	4.31E-04	1.87E-10	1.0E+06	1.9E-04
221	0.57246	8.92E-04	5.1E-04	1.05E-03	5.34E-07	4.31E-04	2.30E-10	1.0E+06	2.3E-04
222	0.49461	8.92E-04	4.4E-04	1.05E-03	4.61E-07	4.31E-04	1.99E-10	1.0E+06	2.0E-04
223	0.6015	8.92E-04	5.4E-04	1.05E-03	5.61E-07	4.31E-04	2.41E-10	1.0E+06	2.4E-04
224	0.75181	8.92E-04	6.7E-04	1.05E-03	7.01E-07	4.31E-04	3.02E-10	1.0E+06	3.0E-04
225	0.59778	8.92E-04	5.3E-04	1.05E-03	5.57E-07	4.31E-04	2.40E-10	1.0E+06	2.4E-04
226	0.71959	8.92E-04	6.4E-04	1.05E-03	6.71E-07	4.31E-04	2.89E-10	1.0E+06	2.9E-04
227	0.21326	8.92E-04	1.9E-04	1.05E-03	1.99E-07	4.31E-04	8.56E-11	1.0E+06	8.6E-05
228	0.18501	8.92E-04	1.7E-04	1.05E-03	1.73E-07	4.31E-04	7.43E-11	1.0E+06	7.4E-05
229	0.16191	8.92E-04	1.4E-04	1.05E-03	1.51E-07	4.31E-04	6.50E-11	1.0E+06	6.5E-05
230	0.14284	8.92E-04	1.3E-04	1.05E-03	1.33E-07	4.31E-04	5.73E-11	1.0E+06	5.7E-05
231	0.18813	8.92E-04	1.7E-04	1.05E-03	1.75E-07	4.31E-04	7.55E-11	1.0E+06	7.6E-05
232	0.16515	8.92E-04	1.5E-04	1.05E-03	1.54E-07	4.31E-04	6.63E-11	1.0E+06	6.6E-05
233	0.14603	8.92E-04	1.3E-04	1.05E-03	1.36E-07	4.31E-04	5.86E-11	1.0E+06	5.9E-05
234	0.12999	8.92E-04	1.2E-04	1.05E-03	1.21E-07	4.31E-04	5.22E-11	1.0E+06	5.2E-05
235	0.16666	8.92E-04	1.5E-04	1.05E-03	1.55E-07	4.31E-04	6.69E-11	1.0E+06	6.7E-05
236	0.14793	8.92E-04	1.3E-04	1.05E-03	1.38E-07	4.31E-04	5.94E-11	1.0E+06	5.9E-05
237	0.13206	8.92E-04	1.2E-04	1.05E-03	1.23E-07	4.31E-04	5.30E-11	1.0E+06	5.3E-05
238	0.11853	8.92E-04	1.1E-04	1.05E-03	1.11E-07	4.31E-04	4.76E-11	1.0E+06	4.8E-05
239	2.36008	8.92E-04	2.1E-03	1.05E-03	2.20E-06	4.31E-04	9.47E-10	1.0E+06	9.5E-04
240	2.06582	8.92E-04	1.8E-03	1.05E-03	1.93E-06	4.31E-04	8.29E-10	1.0E+06	8.3E-04
241	1.79154	8.92E-04	1.6E-03	1.05E-03	1.67E-06	4.31E-04	7.19E-10	1.0E+06	7.2E-04
242	1.54664	8.92E-04	1.4E-03	1.05E-03	1.44E-06	4.31E-04	6.21E-10	1.0E+06	6.2E-04
243	1.80453	8.92E-04	1.6E-03	1.05E-03	1.68E-06	4.31E-04	7.24E-10	1.0E+06	7.2E-04
244	1.61081	8.92E-04	1.4E-03	1.05E-03	1.50E-06	4.31E-04	6.47E-10	1.0E+06	6.5E-04
245	1.42648	8.92E-04	1.3E-03	1.05E-03	1.33E-06	4.31E-04	5.73E-10	1.0E+06	5.7E-04
246	1.25732	8.92E-04	1.1E-03	1.05E-03	1.17E-06	4.31E-04	5.05E-10	1.0E+06	5.0E-04
247	1.42279	8.92E-04	1.3E-03	1.05E-03	1.33E-06	4.31E-04	5.71E-10	1.0E+06	5.7E-04
248	1.28877	8.92E-04	1.1E-03	1.05E-03	1.20E-06	4.31E-04	5.17E-10	1.0E+06	5.2E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
249	1.15948	8.92E-04	1.0E-03	1.05E-03	1.08E-06	4.31E-04	4.65E-10	1.0E+06	4.7E-04
250	1.03847	8.92E-04	9.3E-04	1.05E-03	9.68E-07	4.31E-04	4.17E-10	1.0E+06	4.2E-04
251	0.4728	8.92E-04	4.2E-04	1.05E-03	4.41E-07	4.31E-04	1.90E-10	1.0E+06	1.9E-04
252	0.4377	8.92E-04	3.9E-04	1.05E-03	4.08E-07	4.31E-04	1.76E-10	1.0E+06	1.8E-04
253	0.51207	8.92E-04	4.6E-04	1.05E-03	4.77E-07	4.31E-04	2.06E-10	1.0E+06	2.1E-04
254	0.47952	8.92E-04	4.3E-04	1.05E-03	4.47E-07	4.31E-04	1.92E-10	1.0E+06	1.9E-04
255	0.41862	8.92E-04	3.7E-04	1.05E-03	3.90E-07	4.31E-04	1.68E-10	1.0E+06	1.7E-04
256	0.39014	8.92E-04	3.5E-04	1.05E-03	3.64E-07	4.31E-04	1.57E-10	1.0E+06	1.6E-04
257	0.31374	8.92E-04	2.8E-04	1.05E-03	2.93E-07	4.31E-04	1.26E-10	1.0E+06	1.3E-04
258	0.44894	8.92E-04	4.0E-04	1.05E-03	4.19E-07	4.31E-04	1.80E-10	1.0E+06	1.8E-04
259	0.42251	8.92E-04	3.8E-04	1.05E-03	3.94E-07	4.31E-04	1.70E-10	1.0E+06	1.7E-04
260	0.39712	8.92E-04	3.5E-04	1.05E-03	3.70E-07	4.31E-04	1.59E-10	1.0E+06	1.6E-04
261	0.37284	8.92E-04	3.3E-04	1.05E-03	3.48E-07	4.31E-04	1.50E-10	1.0E+06	1.5E-04
262	0.34953	8.92E-04	3.1E-04	1.05E-03	3.26E-07	4.31E-04	1.40E-10	1.0E+06	1.4E-04
263	0.28592	8.92E-04	2.6E-04	1.05E-03	2.67E-07	4.31E-04	1.15E-10	1.0E+06	1.1E-04
264	0.37487	8.92E-04	3.3E-04	1.05E-03	3.50E-07	4.31E-04	1.50E-10	1.0E+06	1.5E-04
265	0.35401	8.92E-04	3.2E-04	1.05E-03	3.30E-07	4.31E-04	1.42E-10	1.0E+06	1.4E-04
266	0.33396	8.92E-04	3.0E-04	1.05E-03	3.11E-07	4.31E-04	1.34E-10	1.0E+06	1.3E-04
267	0.31465	8.92E-04	2.8E-04	1.05E-03	2.93E-07	4.31E-04	1.26E-10	1.0E+06	1.3E-04
268	0.26142	8.92E-04	2.3E-04	1.05E-03	2.44E-07	4.31E-04	1.05E-10	1.0E+06	1.0E-04
269	0.50652	8.92E-04	4.5E-04	1.05E-03	4.72E-07	4.31E-04	2.03E-10	1.0E+06	2.0E-04
270	0.40936	8.92E-04	3.7E-04	1.05E-03	3.82E-07	4.31E-04	1.64E-10	1.0E+06	1.6E-04
271	0.33667	8.92E-04	3.0E-04	1.05E-03	3.14E-07	4.31E-04	1.35E-10	1.0E+06	1.4E-04
272	0.28125	8.92E-04	2.5E-04	1.05E-03	2.62E-07	4.31E-04	1.13E-10	1.0E+06	1.1E-04
273	0.23824	8.92E-04	2.1E-04	1.05E-03	2.22E-07	4.31E-04	9.56E-11	1.0E+06	9.6E-05
274	0.20435	8.92E-04	1.8E-04	1.05E-03	1.91E-07	4.31E-04	8.20E-11	1.0E+06	8.2E-05
275	0.17724	8.92E-04	1.6E-04	1.05E-03	1.65E-07	4.31E-04	7.11E-11	1.0E+06	7.1E-05
276	0.4458	8.92E-04	4.0E-04	1.05E-03	4.16E-07	4.31E-04	1.79E-10	1.0E+06	1.8E-04
277	0.36157	8.92E-04	3.2E-04	1.05E-03	3.37E-07	4.31E-04	1.45E-10	1.0E+06	1.5E-04
278	0.29883	8.92E-04	2.7E-04	1.05E-03	2.79E-07	4.31E-04	1.20E-10	1.0E+06	1.2E-04
279	0.25098	8.92E-04	2.2E-04	1.05E-03	2.34E-07	4.31E-04	1.01E-10	1.0E+06	1.0E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 5 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
280	0.21381	8.92E-04	1.9E-04	1.05E-03	1.99E-07	4.31E-04	8.58E-11	1.0E+06	8.6E-05
281	0.18443	8.92E-04	1.6E-04	1.05E-03	1.72E-07	4.31E-04	7.40E-11	1.0E+06	7.4E-05
282	0.16082	8.92E-04	1.4E-04	1.05E-03	1.50E-07	4.31E-04	6.46E-11	1.0E+06	6.5E-05
283	0.38481	8.92E-04	3.4E-04	1.05E-03	3.59E-07	4.31E-04	1.54E-10	1.0E+06	1.5E-04
284	0.31525	8.92E-04	2.8E-04	1.05E-03	2.94E-07	4.31E-04	1.27E-10	1.0E+06	1.3E-04
285	0.263	8.92E-04	2.3E-04	1.05E-03	2.45E-07	4.31E-04	1.06E-10	1.0E+06	1.1E-04
286	0.22281	8.92E-04	2.0E-04	1.05E-03	2.08E-07	4.31E-04	8.94E-11	1.0E+06	8.9E-05
287	0.1913	8.92E-04	1.7E-04	1.05E-03	1.78E-07	4.31E-04	7.68E-11	1.0E+06	7.7E-05
288	0.16619	8.92E-04	1.5E-04	1.05E-03	1.55E-07	4.31E-04	6.67E-11	1.0E+06	6.7E-05
289	0.14586	8.92E-04	1.3E-04	1.05E-03	1.36E-07	4.31E-04	5.86E-11	1.0E+06	5.9E-05
290	0.33086	8.92E-04	3.0E-04	1.05E-03	3.08E-07	4.31E-04	1.33E-10	1.0E+06	1.3E-04
291	0.27459	8.92E-04	2.4E-04	1.05E-03	2.56E-07	4.31E-04	1.10E-10	1.0E+06	1.1E-04
292	0.23163	8.92E-04	2.1E-04	1.05E-03	2.16E-07	4.31E-04	9.30E-11	1.0E+06	9.3E-05
293	0.19815	8.92E-04	1.8E-04	1.05E-03	1.85E-07	4.31E-04	7.95E-11	1.0E+06	8.0E-05
294	0.17158	8.92E-04	1.5E-04	1.05E-03	1.60E-07	4.31E-04	6.89E-11	1.0E+06	6.9E-05
295	0.15018	8.92E-04	1.3E-04	1.05E-03	1.40E-07	4.31E-04	6.03E-11	1.0E+06	6.0E-05
296	0.13269	8.92E-04	1.2E-04	1.05E-03	1.24E-07	4.31E-04	5.33E-11	1.0E+06	5.3E-05
297	0.28665	8.92E-04	2.6E-04	1.05E-03	2.67E-07	4.31E-04	1.15E-10	1.0E+06	1.2E-04
298	0.24092	8.92E-04	2.1E-04	1.05E-03	2.25E-07	4.31E-04	9.67E-11	1.0E+06	9.7E-05
299	0.20543	8.92E-04	1.8E-04	1.05E-03	1.92E-07	4.31E-04	8.25E-11	1.0E+06	8.2E-05
300	0.17739	8.92E-04	1.6E-04	1.05E-03	1.65E-07	4.31E-04	7.12E-11	1.0E+06	7.1E-05
301	0.15486	8.92E-04	1.4E-04	1.05E-03	1.44E-07	4.31E-04	6.22E-11	1.0E+06	6.2E-05
302	0.13651	8.92E-04	1.2E-04	1.05E-03	1.27E-07	4.31E-04	5.48E-11	1.0E+06	5.5E-05
303	0.12136	8.92E-04	1.1E-04	1.05E-03	1.13E-07	4.31E-04	4.87E-11	1.0E+06	4.9E-05
304	0.25109	8.92E-04	2.2E-04	1.05E-03	2.34E-07	4.31E-04	1.01E-10	1.0E+06	1.0E-04
305	0.21349	8.92E-04	1.9E-04	1.05E-03	1.99E-07	4.31E-04	8.57E-11	1.0E+06	8.6E-05
306	0.18385	8.92E-04	1.6E-04	1.05E-03	1.71E-07	4.31E-04	7.38E-11	1.0E+06	7.4E-05
307	0.1601	8.92E-04	1.4E-04	1.05E-03	1.49E-07	4.31E-04	6.43E-11	1.0E+06	6.4E-05
308	0.1408	8.92E-04	1.3E-04	1.05E-03	1.31E-07	4.31E-04	5.65E-11	1.0E+06	5.7E-05
309	0.12491	8.92E-04	1.1E-04	1.05E-03	1.16E-07	4.31E-04	5.01E-11	1.0E+06	5.0E-05
310	0.1117	8.92E-04	1.0E-04	1.05E-03	1.04E-07	4.31E-04	4.48E-11	1.0E+06	4.5E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.2222	8.92E-04	2.0E-04	1.05E-03	2.07E-07	4.31E-04	8.92E-11	1.0E+06	8.9E-05
312	0.19089	8.92E-04	1.7E-04	1.05E-03	1.78E-07	4.31E-04	7.66E-11	1.0E+06	7.7E-05
313	0.16588	8.92E-04	1.5E-04	1.05E-03	1.55E-07	4.31E-04	6.66E-11	1.0E+06	6.7E-05
314	0.14557	8.92E-04	1.3E-04	1.05E-03	1.36E-07	4.31E-04	5.84E-11	1.0E+06	5.8E-05
315	0.12888	8.92E-04	1.1E-04	1.05E-03	1.20E-07	4.31E-04	5.17E-11	1.0E+06	5.2E-05
316	0.11502	8.92E-04	1.0E-04	1.05E-03	1.07E-07	4.31E-04	4.62E-11	1.0E+06	4.6E-05
317	0.10338	8.92E-04	9.2E-05	1.05E-03	9.64E-08	4.31E-04	4.15E-11	1.0E+06	4.1E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Architectural Coating Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	8.91E-06
2	5	9.30E-06
3	5	9.43E-06
4	5	1.30E-05
5	5	1.37E-05
6	5	1.44E-05
7	5	1.51E-05
8	5	1.57E-05
9	5	1.63E-05
10	5	1.69E-05
11	5	1.75E-05
12	5	1.81E-05
13	5	1.87E-05
14	5	1.94E-05
15	5	2.02E-05
16	5	2.13E-05
17	5	2.25E-05
18	5	2.40E-05
19	5	2.57E-05
20	5	2.76E-05
21	5	2.95E-05
22	5	3.13E-05
23	5	3.29E-05
24	5	3.43E-05
25	5	3.52E-05
26	5	9.55E-06
27	5	1.00E-05
28	5	1.02E-05
29	5	1.43E-05
30	5	1.51E-05
31	5	1.60E-05

Max	Receptor #
0.00042	239

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
32	5	1.69E-05
33	5	1.77E-05
34	5	1.85E-05
35	5	1.92E-05
36	5	2.00E-05
37	5	2.07E-05
38	5	2.16E-05
39	5	2.24E-05
40	5	2.35E-05
41	5	2.48E-05
42	5	2.65E-05
43	5	2.84E-05
44	5	3.07E-05
45	5	3.30E-05
46	5	3.54E-05
47	5	3.75E-05
48	5	3.92E-05
49	5	4.04E-05
50	5	4.10E-05
51	5	1.03E-05
52	5	1.08E-05
53	5	1.10E-05
54	5	1.58E-05
55	5	1.68E-05
56	5	1.79E-05
57	5	1.90E-05
58	5	2.01E-05
59	5	2.11E-05
60	5	2.21E-05
61	5	2.30E-05
62	5	2.40E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
63	5	2.51E-05
64	5	2.62E-05
65	5	2.76E-05
66	5	2.95E-05
67	5	3.17E-05
68	5	3.43E-05
69	5	3.73E-05
70	5	4.02E-05
71	5	4.30E-05
72	5	4.53E-05
73	5	4.69E-05
74	5	4.78E-05
75	5	4.78E-05
76	5	1.10E-05
77	5	1.16E-05
78	5	1.19E-05
79	5	1.76E-05
80	5	1.88E-05
81	5	2.02E-05
82	5	2.16E-05
83	5	2.30E-05
84	5	2.43E-05
85	5	2.56E-05
86	5	2.70E-05
87	5	2.83E-05
88	5	2.96E-05
89	5	3.11E-05
90	5	3.31E-05
91	5	3.56E-05
92	5	3.87E-05
93	5	4.23E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	4.61E-05
95	5	4.98E-05
96	5	5.29E-05
97	5	5.52E-05
98	5	5.63E-05
99	5	5.63E-05
100	5	5.53E-05
101	5	1.19E-05
102	5	1.26E-05
103	5	1.30E-05
104	5	1.96E-05
105	5	2.12E-05
106	5	2.29E-05
107	5	2.47E-05
108	5	2.66E-05
109	5	2.84E-05
110	5	3.02E-05
111	5	3.21E-05
112	5	3.38E-05
113	5	3.55E-05
114	5	3.76E-05
115	5	4.04E-05
116	5	4.39E-05
117	5	4.84E-05
118	5	5.34E-05
119	5	5.84E-05
120	5	6.27E-05
121	5	6.59E-05
122	5	6.75E-05
123	5	6.75E-05
124	5	6.60E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.28E-05
126	5	1.36E-05
127	5	1.41E-05
128	5	2.40E-05
129	5	2.62E-05
130	5	2.86E-05
131	5	3.11E-05
132	5	3.36E-05
133	5	3.62E-05
134	5	3.88E-05
135	5	4.11E-05
136	5	4.36E-05
137	5	4.65E-05
138	5	5.06E-05
139	5	5.58E-05
140	5	6.22E-05
141	5	6.91E-05
142	5	7.53E-05
143	5	8.00E-05
144	5	8.24E-05
145	5	8.24E-05
146	5	8.01E-05
147	5	1.37E-05
148	5	1.47E-05
149	5	1.54E-05
150	5	2.75E-05
151	5	3.03E-05
152	5	3.34E-05
153	5	3.68E-05
154	5	4.04E-05
155	5	4.44E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	4.78E-05
157	5	5.12E-05
158	5	5.47E-05
159	5	5.92E-05
160	5	6.52E-05
161	5	7.32E-05
162	5	8.27E-05
163	5	9.19E-05
164	5	9.91E-05
165	5	1.03E-04
166	5	1.03E-04
167	5	9.95E-05
168	5	9.36E-05
169	5	1.47E-05
170	5	1.59E-05
171	5	1.69E-05
172	5	1.79E-05
173	5	3.18E-05
174	5	3.54E-05
175	5	3.96E-05
176	5	4.43E-05
177	5	4.96E-05
178	5	5.53E-05
179	5	6.05E-05
180	5	6.56E-05
181	5	7.10E-05
182	5	7.79E-05
183	5	1.32E-04
184	5	1.27E-04
185	5	1.71E-05
186	5	1.84E-05



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
187	5	1.96E-05
188	5	3.70E-05
189	5	4.18E-05
190	5	4.76E-05
191	5	5.43E-05
192	5	6.24E-05
193	5	7.08E-05
194	5	7.91E-05
195	5	8.72E-05
196	5	9.57E-05
197	5	1.07E-04
198	5	1.98E-05
199	5	2.15E-05
200	5	2.14E-05
201	5	2.36E-05
202	5	2.56E-05
203	5	2.55E-05
204	5	2.85E-05
205	5	3.16E-05
206	5	3.11E-05
207	5	3.51E-05
208	5	4.00E-05
209	5	3.38E-05
210	5	3.89E-05
211	5	4.46E-05
212	5	4.28E-05
213	5	5.03E-05
214	5	5.89E-05
215	5	4.72E-05
216	5	5.61E-05
217	5	6.65E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
218	5	7.50E-05
219	5	9.29E-05
220	5	8.31E-05
221	5	1.02E-04
222	5	8.82E-05
223	5	1.07E-04
224	5	1.34E-04
225	5	1.07E-04
226	5	1.28E-04
227	5	3.80E-05
228	5	3.30E-05
229	5	2.89E-05
230	5	2.55E-05
231	5	3.36E-05
232	5	2.95E-05
233	5	2.61E-05
234	5	2.32E-05
235	5	2.97E-05
236	5	2.64E-05
237	5	2.36E-05
238	5	2.11E-05
239	5	4.21E-04
240	5	3.69E-04
241	5	3.20E-04
242	5	2.76E-04
243	5	3.22E-04
244	5	2.87E-04
245	5	2.55E-04
246	5	2.24E-04
247	5	2.54E-04
248	5	2.30E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
249	5	2.07E-04
250	5	1.85E-04
251	5	8.44E-05
252	5	7.81E-05
253	5	9.14E-05
254	5	8.56E-05
255	5	7.47E-05
256	5	6.96E-05
257	5	5.60E-05
258	5	8.01E-05
259	5	7.54E-05
260	5	7.09E-05
261	5	6.65E-05
262	5	6.24E-05
263	5	5.10E-05
264	5	6.69E-05
265	5	6.32E-05
266	5	5.96E-05
267	5	5.61E-05
268	5	4.66E-05
269	5	9.04E-05
270	5	7.30E-05
271	5	6.01E-05
272	5	5.02E-05
273	5	4.25E-05
274	5	3.65E-05
275	5	3.16E-05
276	5	7.95E-05
277	5	6.45E-05
278	5	5.33E-05
279	5	4.48E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	3.81E-05
281	5	3.29E-05
282	5	2.87E-05
283	5	6.87E-05
284	5	5.62E-05
285	5	4.69E-05
286	5	3.98E-05
287	5	3.41E-05
288	5	2.97E-05
289	5	2.60E-05
290	5	5.90E-05
291	5	4.90E-05
292	5	4.13E-05
293	5	3.54E-05
294	5	3.06E-05
295	5	2.68E-05
296	5	2.37E-05
297	5	5.11E-05
298	5	4.30E-05
299	5	3.67E-05
300	5	3.16E-05
301	5	2.76E-05
302	5	2.44E-05
303	5	2.17E-05
304	5	4.48E-05
305	5	3.81E-05
306	5	3.28E-05
307	5	2.86E-05
308	5	2.51E-05
309	5	2.23E-05
310	5	1.99E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 5 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	3.96E-05
312	5	3.41E-05
313	5	2.96E-05
314	5	2.60E-05
315	5	2.30E-05
316	5	2.05E-05
317	5	1.84E-05

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**7: Unmitigated Parcel 6 Risk**

## **Unmitigated Construction Health Risk for Parcel 6**

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Parcel 6-A: Unmitigated Construction Health Risk for Parcel 6 - Assumptions

Parcel 6-B: Unmitigated - Parcel 6 - Emissions

Parcel 6-C: Unmitigated - Parcel 6 - Risk Summary

Parcel 6-D: Unmitigated - Parcel 6 - Site Preparation Risk

Parcel 6-E: Unmitigated - Parcel 6 - Grading Risk

Parcel 6-F: Unmitigated - Parcel 6 - Building Construction Risk

Parcel 6-G: Unmitigated - Parcel 6 - Paving Risk

Parcel 6-H: Unmitigated - Parcel 6 - Architectural Coating Risk



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Environmental Scientists | Planners | Engineers

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Parcel 6-A: Unmitigated Construction Health Risk for Parcel 6 - Assumptions



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## Manning Ave. Annexation 2020-01 Project

### Unmitigated Construction Health Risk for Parcel 6 - Assumptions

Date: 4/28/2022

	3rd	0-2	2-16	>16	Units
DBR	361	1090	631	261	L/kg
A	1				no units
EF	0.95890411				years
Constant 1	0.000001				no units
CPF	1.1				mg/kg-day-1
ASF	10	10	3	1	no units
Site Preparation	0.00	0.005	0.00	0.00	years
Grading	0.00	0.011	0.00	0.00	years
Building Construction	0.00	0.548	0.00	0.00	years
Paving	0.00	0.027	0.00	0.00	years
Architectural Coating	0.00	0.027	0.00	0.00	years
AT	70				years
FAH	1	1	1	0.73	day
Constant 2	1,000,000				no units
Dose Constant	3.46E-04	1.05E-03	6.05E-04	2.50E-04	
Risk Constant	0.00E+00	8.61E-04	0.00E+00	0.00E+00	

*Source: OEHHA 2015*

Dose =

(Cair X DBR X A X EF X Constant 1)

Cair = concentration in air ( $\mu\text{g}/\text{m}^3$ )

DBR = daily breathing rate normalized to body weight (l/kg bod weight -day)

A = Inhalation adsorption factor (unitless)

EF = Exposure frequency (unitless), days/365 days

Constant 1 = micrograms to milligrams conversion, liters to cubic meters conversion

Cancer Risk =

Dose X CPF x ASF x (ED/AT) X FAH

Dose = Daily inhalation dose (mg/kg-day)

CPF = Inhalation cancer potency factor ( $\text{mg}/\text{kg}\text{-day}^{-1}$ )

ASF = Age sensitivity factor for a specified age group (unitless)

ED = Exposure duration (in years) for a specified age group

AT = Averaging time for lifetime cancer risk (years)

FAH = Fraction of time spent at home (unitless)

Risk per Million =

Cancer Risk X Constant 2

FAH

If school is within the 1 per million cancer bracket:

3rd to 2 years 1

2 to 16 1

16-30 0.73

If school is not within the 1 per million cancer bracket:

3rd to 2 years 0.85

2 to 16 0.72

16-30 0.73

*Source: OEHHA 2015*

**Onsite Concentrations**

	<b>Source ID</b>	<b>PM10 (lbs/day)</b>	<b>PM10 (gr/day)</b>	<b>PM10 (gr/sec)</b>	<b>Days</b>	<b>Years</b>
Site Preparation	P6A	0.51	230.15277	0.0063931	2	0.005
Grading	P6A	0.60	274.15123	0.0076153	4	0.011
Building Construction	P6B	0.51	233.37327	0.0064826	200	0.548
Paving	P6A	0.31	139.88789	0.0038858	10	0.027
Architectural Coating	P6B	0.07	32.11434	0.0008921	10	0.027

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Construction Health Risk for Parcel 6 - Assumptions**

**Sources**

P6A	Parcel 6	Site Preparation, grading, and paving
P6B	Parcel 6	Building Construction and Architectural Coating

Meteorological Data Fresno Airport 2013 - 2017. Supplied by SJVAPCD  
Elevation 101 M.

**Assumptions and Constants:**

- 365 days per year construction
- 453.59237 conversion from lbs to grams
- 10 hours per day construction
- 60 minutes per hour
- 60 seconds per minute
- 1 year construction per parcel
- 0-2 year age bin as conservative risk.

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Parcel 6-B: Unmitigated - Parcel 6 - Emissions



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Emissions**

	<b>PM10 Exhaust</b>	<b>days/phase</b>
Site Preparation	0.5074	2
Grading	0.6044	4
Building Construction	0.5145	200
Paving	0.3084	10
Architectural Coating	0.0708	10

Source: CalEEMod Title: Annexation 2020-01 Kings River Development Gas Station Parcel #6  
CalEEMod Date: 4/28/2022

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Parcel 6-C: Unmitigated - Parcel 6 - Risk Summary



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
1	1.135E-03	2.85E-04	3.4E-04	2.97E-04	1.73E-04	4.09E-05
2	1.186E-03	2.98E-04	3.5E-04	3.10E-04	1.81E-04	4.27E-05
3	1.201E-03	3.01E-04	3.6E-04	3.15E-04	1.83E-04	4.33E-05
4	1.663E-03	4.16E-04	5.0E-04	4.38E-04	2.53E-04	6.03E-05
5	1.760E-03	4.40E-04	5.2E-04	4.64E-04	2.68E-04	6.38E-05
6	1.860E-03	4.65E-04	5.5E-04	4.90E-04	2.83E-04	6.75E-05
7	1.960E-03	4.90E-04	5.8E-04	5.17E-04	2.98E-04	7.12E-05
8	2.059E-03	5.15E-04	6.1E-04	5.44E-04	3.13E-04	7.48E-05
9	2.155E-03	5.39E-04	6.4E-04	5.69E-04	3.28E-04	7.83E-05
10	2.248E-03	5.62E-04	6.7E-04	5.93E-04	3.41E-04	8.16E-05
11	2.336E-03	5.84E-04	7.0E-04	6.17E-04	3.55E-04	8.48E-05
12	2.423E-03	6.06E-04	7.2E-04	6.39E-04	3.68E-04	8.80E-05
13	2.516E-03	6.29E-04	7.5E-04	6.64E-04	3.82E-04	9.14E-05
14	2.609E-03	6.52E-04	7.8E-04	6.89E-04	3.96E-04	9.48E-05
15	2.712E-03	6.78E-04	8.1E-04	7.17E-04	4.12E-04	9.86E-05
16	2.839E-03	7.09E-04	8.4E-04	7.51E-04	4.31E-04	1.03E-04
17	2.996E-03	7.47E-04	8.9E-04	7.95E-04	4.54E-04	1.09E-04
18	3.184E-03	7.94E-04	9.5E-04	8.47E-04	4.82E-04	1.17E-04
19	3.411E-03	8.49E-04	1.0E-03	9.09E-04	5.16E-04	1.25E-04
20	3.668E-03	9.12E-04	1.1E-03	9.79E-04	5.55E-04	1.35E-04
21	3.942E-03	9.80E-04	1.2E-03	1.05E-03	5.96E-04	1.45E-04
22	4.215E-03	1.05E-03	1.2E-03	1.13E-03	6.37E-04	1.55E-04
23	4.467E-03	1.11E-03	1.3E-03	1.19E-03	6.76E-04	1.64E-04
24	4.680E-03	1.17E-03	1.4E-03	1.24E-03	7.09E-04	1.71E-04
25	4.839E-03	1.21E-03	1.4E-03	1.28E-03	7.34E-04	1.76E-04
26	1.215E-03	3.05E-04	3.6E-04	3.18E-04	1.85E-04	4.38E-05
27	1.273E-03	3.19E-04	3.8E-04	3.34E-04	1.94E-04	4.59E-05
28	1.293E-03	3.24E-04	3.9E-04	3.39E-04	1.97E-04	4.67E-05
29	1.826E-03	4.57E-04	5.4E-04	4.81E-04	2.78E-04	6.63E-05
30	1.942E-03	4.85E-04	5.8E-04	5.13E-04	2.95E-04	7.05E-05

<b>Max</b>	<b>Receptor #</b>
0.048	239

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
31	2.064E-03	5.16E-04	6.1E-04	5.45E-04	3.14E-04	7.51E-05
32	2.190E-03	5.47E-04	6.5E-04	5.79E-04	3.33E-04	7.97E-05
33	2.315E-03	5.78E-04	6.9E-04	6.13E-04	3.51E-04	8.43E-05
34	2.438E-03	6.09E-04	7.3E-04	6.45E-04	3.70E-04	8.88E-05
35	2.557E-03	6.38E-04	7.6E-04	6.77E-04	3.88E-04	9.31E-05
36	2.670E-03	6.67E-04	7.9E-04	7.06E-04	4.05E-04	9.72E-05
37	2.788E-03	6.96E-04	8.3E-04	7.38E-04	4.23E-04	1.01E-04
38	2.908E-03	7.26E-04	8.6E-04	7.69E-04	4.41E-04	1.06E-04
39	3.023E-03	7.55E-04	9.0E-04	8.00E-04	4.59E-04	1.10E-04
40	3.156E-03	7.88E-04	9.4E-04	8.36E-04	4.79E-04	1.15E-04
41	3.325E-03	8.29E-04	9.9E-04	8.83E-04	5.04E-04	1.21E-04
42	3.532E-03	8.80E-04	1.0E-03	9.40E-04	5.35E-04	1.29E-04
43	3.787E-03	9.42E-04	1.1E-03	1.01E-03	5.73E-04	1.39E-04
44	4.091E-03	1.02E-03	1.2E-03	1.09E-03	6.18E-04	1.51E-04
45	4.427E-03	1.10E-03	1.3E-03	1.19E-03	6.68E-04	1.63E-04
46	4.772E-03	1.19E-03	1.4E-03	1.28E-03	7.21E-04	1.76E-04
47	5.098E-03	1.27E-03	1.5E-03	1.36E-03	7.70E-04	1.88E-04
48	5.378E-03	1.34E-03	1.6E-03	1.43E-03	8.13E-04	1.97E-04
49	5.587E-03	1.39E-03	1.7E-03	1.48E-03	8.46E-04	2.04E-04
50	5.710E-03	1.43E-03	1.7E-03	1.51E-03	8.67E-04	2.08E-04
51	1.301E-03	3.26E-04	3.9E-04	3.41E-04	1.98E-04	4.69E-05
52	1.369E-03	3.43E-04	4.1E-04	3.59E-04	2.09E-04	4.94E-05
53	1.395E-03	3.49E-04	4.2E-04	3.66E-04	2.12E-04	5.04E-05
54	2.015E-03	5.04E-04	6.0E-04	5.32E-04	3.06E-04	7.32E-05
55	2.154E-03	5.38E-04	6.4E-04	5.70E-04	3.27E-04	7.84E-05
56	2.304E-03	5.75E-04	6.9E-04	6.10E-04	3.50E-04	8.39E-05
57	2.462E-03	6.14E-04	7.3E-04	6.53E-04	3.73E-04	8.98E-05
58	2.623E-03	6.54E-04	7.8E-04	6.96E-04	3.98E-04	9.57E-05
59	2.783E-03	6.94E-04	8.3E-04	7.38E-04	4.22E-04	1.02E-04
60	2.939E-03	7.33E-04	8.7E-04	7.80E-04	4.45E-04	1.07E-04



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
61	3.088E-03	7.70E-04	9.2E-04	8.19E-04	4.68E-04	1.13E-04
62	3.247E-03	8.10E-04	9.6E-04	8.61E-04	4.92E-04	1.19E-04
63	3.398E-03	8.48E-04	1.0E-03	9.02E-04	5.15E-04	1.24E-04
64	3.550E-03	8.85E-04	1.1E-03	9.42E-04	5.38E-04	1.30E-04
65	3.727E-03	9.29E-04	1.1E-03	9.91E-04	5.65E-04	1.36E-04
66	3.957E-03	9.85E-04	1.2E-03	1.05E-03	5.99E-04	1.45E-04
67	4.240E-03	1.05E-03	1.3E-03	1.13E-03	6.41E-04	1.56E-04
68	4.592E-03	1.14E-03	1.4E-03	1.23E-03	6.93E-04	1.69E-04
69	5.003E-03	1.24E-03	1.5E-03	1.34E-03	7.54E-04	1.85E-04
70	5.443E-03	1.35E-03	1.6E-03	1.46E-03	8.20E-04	2.01E-04
71	5.872E-03	1.46E-03	1.7E-03	1.58E-03	8.86E-04	2.17E-04
72	6.246E-03	1.55E-03	1.8E-03	1.67E-03	9.43E-04	2.30E-04
73	6.529E-03	1.63E-03	1.9E-03	1.74E-03	9.88E-04	2.40E-04
74	6.695E-03	1.67E-03	2.0E-03	1.78E-03	1.02E-03	2.44E-04
75	6.735E-03	1.68E-03	2.0E-03	1.78E-03	1.02E-03	2.45E-04
76	1.393E-03	3.49E-04	4.2E-04	3.65E-04	2.12E-04	5.03E-05
77	1.472E-03	3.69E-04	4.4E-04	3.87E-04	2.24E-04	5.32E-05
78	1.509E-03	3.78E-04	4.5E-04	3.96E-04	2.30E-04	5.46E-05
79	2.236E-03	5.58E-04	6.7E-04	5.91E-04	3.39E-04	8.14E-05
80	2.403E-03	6.00E-04	7.1E-04	6.37E-04	3.65E-04	8.76E-05
81	2.588E-03	6.46E-04	7.7E-04	6.87E-04	3.92E-04	9.45E-05
82	2.787E-03	6.95E-04	8.3E-04	7.41E-04	4.22E-04	1.02E-04
83	2.996E-03	7.46E-04	8.9E-04	7.97E-04	4.54E-04	1.10E-04
84	3.208E-03	7.99E-04	9.5E-04	8.54E-04	4.86E-04	1.17E-04
85	3.417E-03	8.51E-04	1.0E-03	9.10E-04	5.17E-04	1.25E-04
86	3.635E-03	9.05E-04	1.1E-03	9.68E-04	5.50E-04	1.33E-04
87	3.841E-03	9.57E-04	1.1E-03	1.02E-03	5.82E-04	1.41E-04
88	4.032E-03	1.00E-03	1.2E-03	1.07E-03	6.11E-04	1.48E-04
89	4.236E-03	1.06E-03	1.3E-03	1.13E-03	6.41E-04	1.55E-04
90	4.482E-03	1.12E-03	1.3E-03	1.20E-03	6.78E-04	1.64E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
91	4.798E-03	1.19E-03	1.4E-03	1.28E-03	7.25E-04	1.77E-04
92	5.199E-03	1.29E-03	1.5E-03	1.40E-03	7.84E-04	1.92E-04
93	5.696E-03	1.41E-03	1.7E-03	1.53E-03	8.58E-04	2.11E-04
94	6.258E-03	1.55E-03	1.8E-03	1.69E-03	9.42E-04	2.32E-04
95	6.829E-03	1.69E-03	2.0E-03	1.84E-03	1.03E-03	2.53E-04
96	7.342E-03	1.82E-03	2.2E-03	1.97E-03	1.11E-03	2.72E-04
97	7.736E-03	1.92E-03	2.3E-03	2.07E-03	1.17E-03	2.85E-04
98	7.968E-03	1.98E-03	2.4E-03	2.12E-03	1.21E-03	2.92E-04
99	8.021E-03	2.00E-03	2.4E-03	2.12E-03	1.22E-03	2.92E-04
100	7.902E-03	1.98E-03	2.4E-03	2.08E-03	1.20E-03	2.86E-04
101	1.492E-03	3.74E-04	4.5E-04	3.92E-04	2.27E-04	5.39E-05
102	1.585E-03	3.97E-04	4.7E-04	4.16E-04	2.41E-04	5.73E-05
103	1.635E-03	4.09E-04	4.9E-04	4.30E-04	2.49E-04	5.92E-05
104	2.496E-03	6.23E-04	7.4E-04	6.62E-04	3.79E-04	9.10E-05
105	2.700E-03	6.73E-04	8.0E-04	7.17E-04	4.09E-04	9.87E-05
106	2.929E-03	7.30E-04	8.7E-04	7.79E-04	4.44E-04	1.07E-04
107	3.182E-03	7.92E-04	9.4E-04	8.48E-04	4.82E-04	1.17E-04
108	3.455E-03	8.60E-04	1.0E-03	9.22E-04	5.23E-04	1.27E-04
109	3.739E-03	9.30E-04	1.1E-03	9.99E-04	5.65E-04	1.37E-04
110	4.030E-03	1.00E-03	1.2E-03	1.08E-03	6.09E-04	1.48E-04
111	4.339E-03	1.08E-03	1.3E-03	1.16E-03	6.56E-04	1.60E-04
112	4.608E-03	1.15E-03	1.4E-03	1.23E-03	6.97E-04	1.69E-04
113	4.872E-03	1.21E-03	1.4E-03	1.30E-03	7.37E-04	1.79E-04
114	5.156E-03	1.28E-03	1.5E-03	1.38E-03	7.79E-04	1.90E-04
115	5.502E-03	1.37E-03	1.6E-03	1.47E-03	8.31E-04	2.03E-04
116	5.952E-03	1.48E-03	1.8E-03	1.60E-03	8.98E-04	2.20E-04
117	6.541E-03	1.62E-03	1.9E-03	1.76E-03	9.84E-04	2.43E-04
118	7.256E-03	1.79E-03	2.1E-03	1.96E-03	1.09E-03	2.70E-04
119	8.027E-03	1.98E-03	2.4E-03	2.18E-03	1.21E-03	2.99E-04
120	8.748E-03	2.16E-03	2.6E-03	2.37E-03	1.32E-03	3.25E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
121	9.314E-03	2.31E-03	2.8E-03	2.51E-03	1.40E-03	3.45E-04
122	9.650E-03	2.40E-03	2.9E-03	2.58E-03	1.46E-03	3.55E-04
123	9.724E-03	2.43E-03	2.9E-03	2.58E-03	1.47E-03	3.55E-04
124	9.549E-03	2.39E-03	2.8E-03	2.51E-03	1.45E-03	3.46E-04
125	1.596E-03	4.00E-04	4.8E-04	4.19E-04	2.43E-04	5.77E-05
126	1.703E-03	4.27E-04	5.1E-04	4.48E-04	2.59E-04	6.16E-05
127	1.770E-03	4.43E-04	5.3E-04	4.66E-04	2.69E-04	6.41E-05
128	3.056E-03	7.61E-04	9.1E-04	8.13E-04	4.63E-04	1.12E-04
129	3.343E-03	8.32E-04	9.9E-04	8.91E-04	5.06E-04	1.23E-04
130	3.667E-03	9.12E-04	1.1E-03	9.80E-04	5.54E-04	1.35E-04
131	4.028E-03	1.00E-03	1.2E-03	1.08E-03	6.08E-04	1.48E-04
132	4.415E-03	1.10E-03	1.3E-03	1.18E-03	6.66E-04	1.63E-04
133	4.836E-03	1.20E-03	1.4E-03	1.30E-03	7.29E-04	1.79E-04
134	5.255E-03	1.30E-03	1.6E-03	1.41E-03	7.93E-04	1.94E-04
135	5.639E-03	1.40E-03	1.7E-03	1.51E-03	8.51E-04	2.08E-04
136	6.018E-03	1.49E-03	1.8E-03	1.61E-03	9.08E-04	2.22E-04
137	6.425E-03	1.59E-03	1.9E-03	1.72E-03	9.69E-04	2.37E-04
138	6.936E-03	1.72E-03	2.0E-03	1.87E-03	1.05E-03	2.57E-04
139	7.604E-03	1.88E-03	2.2E-03	2.05E-03	1.14E-03	2.83E-04
140	8.495E-03	2.10E-03	2.5E-03	2.31E-03	1.27E-03	3.17E-04
141	9.537E-03	2.35E-03	2.8E-03	2.60E-03	1.43E-03	3.57E-04
142	1.058E-02	2.61E-03	3.1E-03	2.88E-03	1.59E-03	3.96E-04
143	1.142E-02	2.82E-03	3.4E-03	3.09E-03	1.72E-03	4.26E-04
144	1.193E-02	2.96E-03	3.5E-03	3.21E-03	1.80E-03	4.41E-04
145	1.205E-02	3.00E-03	3.6E-03	3.21E-03	1.82E-03	4.41E-04
146	1.178E-02	2.95E-03	3.5E-03	3.11E-03	1.79E-03	4.27E-04
147	1.706E-03	4.27E-04	5.1E-04	4.48E-04	2.60E-04	6.17E-05
148	1.830E-03	4.58E-04	5.5E-04	4.81E-04	2.78E-04	6.62E-05
149	1.921E-03	4.80E-04	5.7E-04	5.06E-04	2.92E-04	6.97E-05
150	3.484E-03	8.67E-04	1.0E-03	9.30E-04	5.27E-04	1.28E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
151	3.848E-03	9.57E-04	1.1E-03	1.03E-03	5.81E-04	1.42E-04
152	4.270E-03	1.06E-03	1.3E-03	1.14E-03	6.44E-04	1.58E-04
153	4.751E-03	1.18E-03	1.4E-03	1.28E-03	7.16E-04	1.76E-04
154	5.288E-03	1.31E-03	1.6E-03	1.42E-03	7.96E-04	1.96E-04
155	5.913E-03	1.46E-03	1.7E-03	1.60E-03	8.90E-04	2.20E-04
156	6.498E-03	1.61E-03	1.9E-03	1.75E-03	9.78E-04	2.41E-04
157	7.070E-03	1.75E-03	2.1E-03	1.91E-03	1.06E-03	2.63E-04
158	7.635E-03	1.89E-03	2.3E-03	2.06E-03	1.15E-03	2.83E-04
159	8.248E-03	2.04E-03	2.4E-03	2.23E-03	1.24E-03	3.06E-04
160	9.017E-03	2.23E-03	2.7E-03	2.44E-03	1.36E-03	3.36E-04
161	1.008E-02	2.49E-03	3.0E-03	2.74E-03	1.51E-03	3.77E-04
162	1.147E-02	2.82E-03	3.4E-03	3.14E-03	1.72E-03	4.32E-04
163	1.299E-02	3.20E-03	3.8E-03	3.56E-03	1.94E-03	4.89E-04
164	1.431E-02	3.53E-03	4.2E-03	3.90E-03	2.14E-03	5.37E-04
165	1.514E-02	3.75E-03	4.5E-03	4.09E-03	2.28E-03	5.63E-04
166	1.532E-02	3.81E-03	4.5E-03	4.10E-03	2.32E-03	5.64E-04
167	1.491E-02	3.73E-03	4.4E-03	3.94E-03	2.26E-03	5.42E-04
168	1.403E-02	3.52E-03	4.2E-03	3.66E-03	2.14E-03	5.04E-04
169	1.819E-03	4.55E-04	5.4E-04	4.78E-04	2.77E-04	6.58E-05
170	1.962E-03	4.91E-04	5.8E-04	5.16E-04	2.98E-04	7.11E-05
171	2.085E-03	5.22E-04	6.2E-04	5.50E-04	3.17E-04	7.57E-05
172	2.210E-03	5.52E-04	6.6E-04	5.84E-04	3.36E-04	8.03E-05
173	3.996E-03	9.93E-04	1.2E-03	1.07E-03	6.04E-04	1.47E-04
174	4.471E-03	1.11E-03	1.3E-03	1.20E-03	6.74E-04	1.65E-04
175	5.029E-03	1.25E-03	1.5E-03	1.35E-03	7.58E-04	1.86E-04
176	5.682E-03	1.41E-03	1.7E-03	1.53E-03	8.55E-04	2.11E-04
177	6.455E-03	1.60E-03	1.9E-03	1.75E-03	9.70E-04	2.41E-04
178	7.351E-03	1.82E-03	2.2E-03	2.00E-03	1.10E-03	2.75E-04
179	8.242E-03	2.03E-03	2.4E-03	2.24E-03	1.24E-03	3.08E-04
180	9.137E-03	2.25E-03	2.7E-03	2.48E-03	1.37E-03	3.42E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
181	1.002E-02	2.47E-03	2.9E-03	2.72E-03	1.50E-03	3.74E-04
182	1.098E-02	2.71E-03	3.2E-03	2.98E-03	1.65E-03	4.10E-04
183	2.015E-02	5.00E-03	6.0E-03	5.41E-03	3.04E-03	7.45E-04
184	1.947E-02	4.86E-03	5.8E-03	5.15E-03	2.95E-03	7.09E-04
185	2.097E-03	5.25E-04	6.2E-04	5.52E-04	3.19E-04	7.60E-05
186	2.256E-03	5.64E-04	6.7E-04	5.95E-04	3.43E-04	8.19E-05
187	2.403E-03	6.00E-04	7.2E-04	6.35E-04	3.65E-04	8.74E-05
188	4.603E-03	1.14E-03	1.4E-03	1.24E-03	6.94E-04	1.70E-04
189	5.232E-03	1.30E-03	1.5E-03	1.41E-03	7.88E-04	1.94E-04
190	5.988E-03	1.48E-03	1.8E-03	1.62E-03	9.01E-04	2.23E-04
191	6.900E-03	1.70E-03	2.0E-03	1.87E-03	1.04E-03	2.58E-04
192	8.053E-03	1.99E-03	2.4E-03	2.19E-03	1.21E-03	3.02E-04
193	9.357E-03	2.30E-03	2.7E-03	2.56E-03	1.40E-03	3.52E-04
194	1.078E-02	2.65E-03	3.2E-03	2.96E-03	1.61E-03	4.07E-04
195	1.225E-02	3.01E-03	3.6E-03	3.36E-03	1.83E-03	4.63E-04
196	1.372E-02	3.37E-03	4.0E-03	3.76E-03	2.05E-03	5.17E-04
197	1.534E-02	3.78E-03	4.5E-03	4.20E-03	2.29E-03	5.78E-04
198	2.411E-03	6.03E-04	7.2E-04	6.36E-04	3.66E-04	8.76E-05
199	2.618E-03	6.54E-04	7.8E-04	6.92E-04	3.97E-04	9.53E-05
200	2.578E-03	6.44E-04	7.7E-04	6.81E-04	3.92E-04	9.36E-05
201	2.834E-03	7.08E-04	8.4E-04	7.50E-04	4.30E-04	1.03E-04
202	3.083E-03	7.69E-04	9.2E-04	8.18E-04	4.68E-04	1.13E-04
203	3.042E-03	7.60E-04	9.0E-04	8.05E-04	4.62E-04	1.11E-04
204	3.386E-03	8.45E-04	1.0E-03	8.98E-04	5.13E-04	1.24E-04
205	3.757E-03	9.36E-04	1.1E-03	9.99E-04	5.69E-04	1.37E-04
206	3.671E-03	9.16E-04	1.1E-03	9.74E-04	5.57E-04	1.34E-04
207	4.127E-03	1.03E-03	1.2E-03	1.10E-03	6.25E-04	1.51E-04
208	4.679E-03	1.16E-03	1.4E-03	1.25E-03	7.08E-04	1.72E-04
209	3.975E-03	9.91E-04	1.2E-03	1.06E-03	6.02E-04	1.45E-04
210	4.545E-03	1.13E-03	1.3E-03	1.21E-03	6.88E-04	1.67E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
211	5.183E-03	1.29E-03	1.5E-03	1.39E-03	7.83E-04	1.91E-04
212	4.981E-03	1.24E-03	1.5E-03	1.33E-03	7.53E-04	1.83E-04
213	5.805E-03	1.44E-03	1.7E-03	1.55E-03	8.77E-04	2.14E-04
214	6.740E-03	1.67E-03	2.0E-03	1.81E-03	1.02E-03	2.49E-04
215	5.464E-03	1.36E-03	1.6E-03	1.46E-03	8.26E-04	2.01E-04
216	6.419E-03	1.59E-03	1.9E-03	1.72E-03	9.69E-04	2.37E-04
217	7.529E-03	1.87E-03	2.2E-03	2.03E-03	1.13E-03	2.79E-04
218	8.354E-03	2.07E-03	2.5E-03	2.25E-03	1.26E-03	3.09E-04
219	1.014E-02	2.51E-03	3.0E-03	2.74E-03	1.53E-03	3.77E-04
220	9.074E-03	2.25E-03	2.7E-03	2.43E-03	1.37E-03	3.35E-04
221	1.090E-02	2.70E-03	3.2E-03	2.92E-03	1.64E-03	4.02E-04
222	9.472E-03	2.36E-03	2.8E-03	2.52E-03	1.43E-03	3.47E-04
223	1.124E-02	2.80E-03	3.3E-03	2.99E-03	1.70E-03	4.11E-04
224	1.364E-02	3.40E-03	4.1E-03	3.62E-03	2.07E-03	4.98E-04
225	1.108E-02	2.78E-03	3.3E-03	2.91E-03	1.69E-03	4.00E-04
226	1.301E-02	3.27E-03	3.9E-03	3.40E-03	1.99E-03	4.68E-04
227	5.191E-03	1.34E-03	1.6E-03	1.26E-03	8.17E-04	1.73E-04
228	4.497E-03	1.16E-03	1.4E-03	1.09E-03	7.06E-04	1.51E-04
229	3.929E-03	1.01E-03	1.2E-03	9.60E-04	6.16E-04	1.32E-04
230	3.458E-03	8.91E-04	1.1E-03	8.48E-04	5.42E-04	1.17E-04
231	4.530E-03	1.17E-03	1.4E-03	1.10E-03	7.12E-04	1.52E-04
232	3.977E-03	1.03E-03	1.2E-03	9.71E-04	6.24E-04	1.34E-04
233	3.514E-03	9.05E-04	1.1E-03	8.61E-04	5.50E-04	1.18E-04
234	3.124E-03	8.04E-04	9.6E-04	7.68E-04	4.89E-04	1.06E-04
235	3.977E-03	1.03E-03	1.2E-03	9.71E-04	6.24E-04	1.34E-04
236	3.533E-03	9.10E-04	1.1E-03	8.66E-04	5.53E-04	1.19E-04
237	3.154E-03	8.12E-04	9.7E-04	7.75E-04	4.93E-04	1.07E-04
238	2.830E-03	7.27E-04	8.7E-04	6.97E-04	4.42E-04	9.60E-05
239	4.766E-02	1.28E-02	1.5E-02	1.04E-02	7.77E-03	1.44E-03
240	4.414E-02	1.19E-02	1.4E-02	9.62E-03	7.21E-03	1.32E-03

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
241	4.003E-02	1.08E-02	1.3E-02	8.72E-03	6.54E-03	1.20E-03
242	3.577E-02	9.60E-03	1.1E-02	7.83E-03	5.83E-03	1.08E-03
243	3.684E-02	9.81E-03	1.2E-02	8.24E-03	5.96E-03	1.13E-03
244	3.437E-02	9.17E-03	1.1E-02	7.65E-03	5.57E-03	1.05E-03
245	3.154E-02	8.42E-03	1.0E-02	7.02E-03	5.12E-03	9.66E-04
246	2.860E-02	7.62E-03	9.1E-03	6.38E-03	4.63E-03	8.78E-04
247	2.931E-02	7.76E-03	9.2E-03	6.66E-03	4.72E-03	9.16E-04
248	2.751E-02	7.30E-03	8.7E-03	6.23E-03	4.44E-03	8.57E-04
249	2.548E-02	6.76E-03	8.1E-03	5.76E-03	4.11E-03	7.93E-04
250	2.336E-02	6.20E-03	7.4E-03	5.29E-03	3.77E-03	7.28E-04
251	1.067E-02	2.79E-03	3.3E-03	2.52E-03	1.69E-03	3.47E-04
252	9.976E-03	2.60E-03	3.1E-03	2.37E-03	1.58E-03	3.25E-04
253	1.118E-02	2.92E-03	3.5E-03	2.65E-03	1.77E-03	3.65E-04
254	1.058E-02	2.76E-03	3.3E-03	2.51E-03	1.68E-03	3.45E-04
255	9.404E-03	2.45E-03	2.9E-03	2.24E-03	1.49E-03	3.08E-04
256	8.844E-03	2.30E-03	2.7E-03	2.11E-03	1.40E-03	2.90E-04
257	7.301E-03	1.90E-03	2.3E-03	1.75E-03	1.15E-03	2.41E-04
258	9.813E-03	2.55E-03	3.0E-03	2.34E-03	1.55E-03	3.22E-04
259	9.319E-03	2.43E-03	2.9E-03	2.22E-03	1.47E-03	3.06E-04
260	8.828E-03	2.30E-03	2.7E-03	2.11E-03	1.40E-03	2.90E-04
261	8.351E-03	2.17E-03	2.6E-03	2.00E-03	1.32E-03	2.75E-04
262	7.891E-03	2.05E-03	2.4E-03	1.89E-03	1.25E-03	2.60E-04
263	6.612E-03	1.72E-03	2.0E-03	1.59E-03	1.04E-03	2.19E-04
264	8.267E-03	2.15E-03	2.6E-03	1.98E-03	1.31E-03	2.73E-04
265	7.860E-03	2.04E-03	2.4E-03	1.88E-03	1.24E-03	2.59E-04
266	7.464E-03	1.94E-03	2.3E-03	1.79E-03	1.18E-03	2.47E-04
267	7.080E-03	1.84E-03	2.2E-03	1.70E-03	1.12E-03	2.34E-04
268	6.013E-03	1.56E-03	1.9E-03	1.45E-03	9.47E-04	2.00E-04
269	1.351E-02	3.52E-03	4.2E-03	3.21E-03	2.14E-03	4.42E-04
270	1.070E-02	2.78E-03	3.3E-03	2.56E-03	1.69E-03	3.52E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
271	8.662E-03	2.25E-03	2.7E-03	2.08E-03	1.37E-03	2.86E-04
272	7.140E-03	1.85E-03	2.2E-03	1.72E-03	1.12E-03	2.37E-04
273	5.980E-03	1.55E-03	1.8E-03	1.45E-03	9.40E-04	2.00E-04
274	5.081E-03	1.31E-03	1.6E-03	1.24E-03	7.98E-04	1.70E-04
275	4.371E-03	1.13E-03	1.3E-03	1.07E-03	6.85E-04	1.47E-04
276	1.169E-02	3.05E-03	3.6E-03	2.76E-03	1.86E-03	3.80E-04
277	9.320E-03	2.43E-03	2.9E-03	2.22E-03	1.48E-03	3.05E-04
278	7.596E-03	1.97E-03	2.4E-03	1.82E-03	1.20E-03	2.51E-04
279	6.307E-03	1.64E-03	1.9E-03	1.52E-03	9.94E-04	2.09E-04
280	5.321E-03	1.38E-03	1.6E-03	1.29E-03	8.37E-04	1.77E-04
281	4.552E-03	1.18E-03	1.4E-03	1.11E-03	7.15E-04	1.53E-04
282	3.942E-03	1.02E-03	1.2E-03	9.64E-04	6.18E-04	1.33E-04
283	9.935E-03	2.60E-03	3.1E-03	2.35E-03	1.58E-03	3.23E-04
284	8.025E-03	2.09E-03	2.5E-03	1.91E-03	1.27E-03	2.63E-04
285	6.618E-03	1.72E-03	2.0E-03	1.59E-03	1.04E-03	2.19E-04
286	5.553E-03	1.44E-03	1.7E-03	1.34E-03	8.75E-04	1.85E-04
287	4.729E-03	1.22E-03	1.5E-03	1.15E-03	7.43E-04	1.58E-04
288	4.079E-03	1.05E-03	1.3E-03	9.95E-04	6.40E-04	1.37E-04
289	3.558E-03	9.17E-04	1.1E-03	8.71E-04	5.57E-04	1.20E-04
290	8.444E-03	2.20E-03	2.6E-03	2.00E-03	1.34E-03	2.76E-04
291	6.927E-03	1.80E-03	2.1E-03	1.66E-03	1.09E-03	2.28E-04
292	5.786E-03	1.50E-03	1.8E-03	1.39E-03	9.12E-04	1.92E-04
293	4.909E-03	1.27E-03	1.5E-03	1.19E-03	7.72E-04	1.64E-04
294	4.221E-03	1.09E-03	1.3E-03	1.03E-03	6.63E-04	1.41E-04
295	3.671E-03	9.47E-04	1.1E-03	8.98E-04	5.75E-04	1.24E-04
296	3.226E-03	8.31E-04	9.9E-04	7.92E-04	5.05E-04	1.09E-04
297	7.252E-03	1.89E-03	2.2E-03	1.73E-03	1.15E-03	2.38E-04
298	6.036E-03	1.57E-03	1.9E-03	1.45E-03	9.52E-04	2.00E-04
299	5.104E-03	1.32E-03	1.6E-03	1.24E-03	8.03E-04	1.70E-04
300	4.376E-03	1.13E-03	1.3E-03	1.06E-03	6.87E-04	1.46E-04



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
301	3.796E-03	9.79E-04	1.2E-03	9.28E-04	5.95E-04	1.28E-04
302	3.327E-03	8.57E-04	1.0E-03	8.16E-04	5.21E-04	1.12E-04
303	2.944E-03	7.57E-04	9.0E-04	7.24E-04	4.60E-04	9.97E-05
304	6.303E-03	1.64E-03	1.9E-03	1.52E-03	9.94E-04	2.08E-04
305	5.316E-03	1.38E-03	1.6E-03	1.29E-03	8.37E-04	1.77E-04
306	4.546E-03	1.17E-03	1.4E-03	1.11E-03	7.14E-04	1.52E-04
307	3.934E-03	1.01E-03	1.2E-03	9.61E-04	6.17E-04	1.32E-04
308	3.440E-03	8.86E-04	1.1E-03	8.43E-04	5.39E-04	1.16E-04
309	3.037E-03	7.81E-04	9.3E-04	7.47E-04	4.75E-04	1.03E-04
310	2.703E-03	6.95E-04	8.3E-04	6.67E-04	4.22E-04	9.18E-05
311	5.529E-03	1.43E-03	1.7E-03	1.34E-03	8.71E-04	1.84E-04
312	4.720E-03	1.22E-03	1.5E-03	1.15E-03	7.42E-04	1.58E-04
313	4.079E-03	1.05E-03	1.3E-03	9.95E-04	6.40E-04	1.37E-04
314	3.561E-03	9.18E-04	1.1E-03	8.73E-04	5.58E-04	1.20E-04
315	3.138E-03	8.07E-04	9.6E-04	7.72E-04	4.91E-04	1.06E-04
316	2.788E-03	7.17E-04	8.5E-04	6.88E-04	4.36E-04	9.46E-05
317	2.496E-03	6.41E-04	7.6E-04	6.17E-04	3.90E-04	8.49E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
1	2.522E-04	6.33E-05	7.54E-05	6.60E-05	3.85E-05	9.08E-06
2	2.636E-04	6.61E-05	7.88E-05	6.90E-05	4.02E-05	9.50E-06
3	2.670E-04	6.69E-05	7.97E-05	7.00E-05	4.07E-05	9.63E-06
4	3.697E-04	9.25E-05	1.10E-04	9.73E-05	5.62E-05	1.34E-05
5	3.911E-04	9.79E-05	1.17E-04	1.03E-04	5.95E-05	1.42E-05
6	4.133E-04	1.03E-04	1.23E-04	1.09E-04	6.28E-05	1.50E-05
7	4.356E-04	1.09E-04	1.30E-04	1.15E-04	6.62E-05	1.58E-05
8	4.576E-04	1.14E-04	1.36E-04	1.21E-04	6.95E-05	1.66E-05
9	4.790E-04	1.20E-04	1.43E-04	1.26E-04	7.28E-05	1.74E-05
10	4.995E-04	1.25E-04	1.49E-04	1.32E-04	7.59E-05	1.81E-05
11	5.190E-04	1.30E-04	1.55E-04	1.37E-04	7.89E-05	1.89E-05
12	5.383E-04	1.35E-04	1.60E-04	1.42E-04	8.18E-05	1.96E-05
13	5.591E-04	1.40E-04	1.66E-04	1.48E-04	8.50E-05	2.03E-05
14	5.799E-04	1.45E-04	1.73E-04	1.53E-04	8.81E-05	2.11E-05
15	6.027E-04	1.51E-04	1.79E-04	1.59E-04	9.15E-05	2.19E-05
16	6.309E-04	1.58E-04	1.88E-04	1.67E-04	9.57E-05	2.30E-05
17	6.657E-04	1.66E-04	1.98E-04	1.77E-04	1.01E-04	2.43E-05
18	7.077E-04	1.76E-04	2.10E-04	1.88E-04	1.07E-04	2.59E-05
19	7.580E-04	1.89E-04	2.25E-04	2.02E-04	1.15E-04	2.78E-05
20	8.152E-04	2.03E-04	2.42E-04	2.18E-04	1.23E-04	2.99E-05
21	8.761E-04	2.18E-04	2.60E-04	2.34E-04	1.32E-04	3.22E-05
22	9.367E-04	2.33E-04	2.78E-04	2.50E-04	1.42E-04	3.44E-05
23	9.928E-04	2.47E-04	2.94E-04	2.65E-04	1.50E-04	3.64E-05
24	1.040E-03	2.59E-04	3.09E-04	2.77E-04	1.58E-04	3.81E-05
25	1.075E-03	2.68E-04	3.20E-04	2.85E-04	1.63E-04	3.92E-05
26	2.699E-04	6.77E-05	8.07E-05	7.07E-05	4.12E-05	9.73E-06
27	2.830E-04	7.10E-05	8.45E-05	7.41E-05	4.31E-05	1.02E-05
28	2.872E-04	7.20E-05	8.58E-05	7.53E-05	4.38E-05	1.04E-05
29	4.058E-04	1.01E-04	1.21E-04	1.07E-04	6.17E-05	1.47E-05
30	4.315E-04	1.08E-04	1.29E-04	1.14E-04	6.56E-05	1.57E-05

Max	Receptor #
0.0106	239

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
31	4.588E-04	1.15E-04	1.37E-04	1.21E-04	6.97E-05	1.67E-05
32	4.867E-04	1.22E-04	1.45E-04	1.29E-04	7.39E-05	1.77E-05
33	5.146E-04	1.29E-04	1.53E-04	1.36E-04	7.81E-05	1.87E-05
34	5.418E-04	1.35E-04	1.61E-04	1.43E-04	8.22E-05	1.97E-05
35	5.681E-04	1.42E-04	1.69E-04	1.50E-04	8.62E-05	2.07E-05
36	5.933E-04	1.48E-04	1.76E-04	1.57E-04	9.01E-05	2.16E-05
37	6.195E-04	1.55E-04	1.84E-04	1.64E-04	9.40E-05	2.26E-05
38	6.462E-04	1.61E-04	1.92E-04	1.71E-04	9.81E-05	2.35E-05
39	6.718E-04	1.68E-04	2.00E-04	1.78E-04	1.02E-04	2.45E-05
40	7.014E-04	1.75E-04	2.09E-04	1.86E-04	1.06E-04	2.56E-05
41	7.390E-04	1.84E-04	2.20E-04	1.96E-04	1.12E-04	2.70E-05
42	7.849E-04	1.96E-04	2.33E-04	2.09E-04	1.19E-04	2.87E-05
43	8.417E-04	2.09E-04	2.49E-04	2.25E-04	1.27E-04	3.09E-05
44	9.090E-04	2.26E-04	2.69E-04	2.43E-04	1.37E-04	3.35E-05
45	9.837E-04	2.44E-04	2.91E-04	2.64E-04	1.49E-04	3.63E-05
46	1.060E-03	2.63E-04	3.14E-04	2.84E-04	1.60E-04	3.91E-05
47	1.133E-03	2.82E-04	3.35E-04	3.03E-04	1.71E-04	4.17E-05
48	1.195E-03	2.97E-04	3.54E-04	3.19E-04	1.81E-04	4.39E-05
49	1.242E-03	3.09E-04	3.69E-04	3.30E-04	1.88E-04	4.54E-05
50	1.269E-03	3.17E-04	3.77E-04	3.36E-04	1.93E-04	4.62E-05
51	2.891E-04	7.25E-05	8.64E-05	7.57E-05	4.41E-05	1.04E-05
52	3.042E-04	7.63E-05	9.08E-05	7.98E-05	4.63E-05	1.10E-05
53	3.099E-04	7.77E-05	9.25E-05	8.14E-05	4.72E-05	1.12E-05
54	4.477E-04	1.12E-04	1.33E-04	1.18E-04	6.80E-05	1.63E-05
55	4.786E-04	1.20E-04	1.42E-04	1.27E-04	7.27E-05	1.74E-05
56	5.120E-04	1.28E-04	1.52E-04	1.36E-04	7.77E-05	1.87E-05
57	5.472E-04	1.37E-04	1.63E-04	1.45E-04	8.30E-05	2.00E-05
58	5.828E-04	1.45E-04	1.73E-04	1.55E-04	8.84E-05	2.13E-05
59	6.184E-04	1.54E-04	1.84E-04	1.64E-04	9.38E-05	2.26E-05
60	6.530E-04	1.63E-04	1.94E-04	1.73E-04	9.90E-05	2.38E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
61	6.862E-04	1.71E-04	2.04E-04	1.82E-04	1.04E-04	2.51E-05
62	7.216E-04	1.80E-04	2.14E-04	1.91E-04	1.09E-04	2.63E-05
63	7.552E-04	1.88E-04	2.24E-04	2.00E-04	1.14E-04	2.76E-05
64	7.889E-04	1.97E-04	2.34E-04	2.09E-04	1.20E-04	2.88E-05
65	8.283E-04	2.06E-04	2.46E-04	2.20E-04	1.25E-04	3.03E-05
66	8.793E-04	2.19E-04	2.61E-04	2.34E-04	1.33E-04	3.22E-05
67	9.421E-04	2.34E-04	2.79E-04	2.52E-04	1.42E-04	3.46E-05
68	1.020E-03	2.53E-04	3.02E-04	2.74E-04	1.54E-04	3.76E-05
69	1.112E-03	2.76E-04	3.29E-04	2.99E-04	1.68E-04	4.11E-05
70	1.210E-03	3.00E-04	3.57E-04	3.25E-04	1.82E-04	4.47E-05
71	1.305E-03	3.24E-04	3.86E-04	3.50E-04	1.97E-04	4.82E-05
72	1.388E-03	3.45E-04	4.11E-04	3.72E-04	2.10E-04	5.11E-05
73	1.451E-03	3.61E-04	4.30E-04	3.87E-04	2.19E-04	5.32E-05
74	1.488E-03	3.71E-04	4.42E-04	3.95E-04	2.26E-04	5.43E-05
75	1.497E-03	3.74E-04	4.46E-04	3.95E-04	2.27E-04	5.43E-05
76	3.096E-04	7.76E-05	9.25E-05	8.12E-05	4.72E-05	1.12E-05
77	3.272E-04	8.20E-05	9.77E-05	8.59E-05	4.98E-05	1.18E-05
78	3.353E-04	8.40E-05	1.00E-04	8.81E-05	5.10E-05	1.21E-05
79	4.968E-04	1.24E-04	1.48E-04	1.31E-04	7.54E-05	1.81E-05
80	5.341E-04	1.33E-04	1.59E-04	1.42E-04	8.10E-05	1.95E-05
81	5.751E-04	1.43E-04	1.71E-04	1.53E-04	8.72E-05	2.10E-05
82	6.194E-04	1.54E-04	1.84E-04	1.65E-04	9.38E-05	2.26E-05
83	6.658E-04	1.66E-04	1.98E-04	1.77E-04	1.01E-04	2.44E-05
84	7.129E-04	1.78E-04	2.12E-04	1.90E-04	1.08E-04	2.61E-05
85	7.594E-04	1.89E-04	2.25E-04	2.02E-04	1.15E-04	2.78E-05
86	8.078E-04	2.01E-04	2.40E-04	2.15E-04	1.22E-04	2.96E-05
87	8.536E-04	2.13E-04	2.53E-04	2.27E-04	1.29E-04	3.13E-05
88	8.961E-04	2.23E-04	2.66E-04	2.38E-04	1.36E-04	3.28E-05
89	9.415E-04	2.34E-04	2.79E-04	2.51E-04	1.43E-04	3.45E-05
90	9.959E-04	2.48E-04	2.95E-04	2.66E-04	1.51E-04	3.65E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
91	1.066E-03	2.65E-04	3.16E-04	2.85E-04	1.61E-04	3.92E-05
92	1.155E-03	2.87E-04	3.42E-04	3.10E-04	1.74E-04	4.27E-05
93	1.266E-03	3.14E-04	3.74E-04	3.41E-04	1.91E-04	4.69E-05
94	1.391E-03	3.44E-04	4.10E-04	3.75E-04	2.09E-04	5.16E-05
95	1.518E-03	3.76E-04	4.48E-04	4.09E-04	2.28E-04	5.63E-05
96	1.632E-03	4.05E-04	4.82E-04	4.39E-04	2.46E-04	6.04E-05
97	1.719E-03	4.27E-04	5.09E-04	4.60E-04	2.60E-04	6.33E-05
98	1.771E-03	4.41E-04	5.25E-04	4.71E-04	2.68E-04	6.49E-05
99	1.782E-03	4.45E-04	5.30E-04	4.71E-04	2.71E-04	6.49E-05
100	1.756E-03	4.40E-04	5.24E-04	4.61E-04	2.67E-04	6.35E-05
101	3.316E-04	8.31E-05	9.90E-05	8.70E-05	5.05E-05	1.20E-05
102	3.521E-04	8.82E-05	1.05E-04	9.25E-05	5.36E-05	1.27E-05
103	3.632E-04	9.09E-05	1.08E-04	9.56E-05	5.53E-05	1.31E-05
104	5.547E-04	1.38E-04	1.65E-04	1.47E-04	8.41E-05	2.02E-05
105	6.001E-04	1.50E-04	1.78E-04	1.59E-04	9.10E-05	2.19E-05
106	6.509E-04	1.62E-04	1.93E-04	1.73E-04	9.86E-05	2.38E-05
107	7.071E-04	1.76E-04	2.10E-04	1.88E-04	1.07E-04	2.59E-05
108	7.679E-04	1.91E-04	2.28E-04	2.05E-04	1.16E-04	2.82E-05
109	8.310E-04	2.07E-04	2.46E-04	2.22E-04	1.26E-04	3.05E-05
110	8.956E-04	2.23E-04	2.65E-04	2.39E-04	1.35E-04	3.29E-05
111	9.643E-04	2.40E-04	2.86E-04	2.58E-04	1.46E-04	3.55E-05
112	1.024E-03	2.55E-04	3.03E-04	2.74E-04	1.55E-04	3.77E-05
113	1.083E-03	2.69E-04	3.21E-04	2.89E-04	1.64E-04	3.98E-05
114	1.146E-03	2.85E-04	3.39E-04	3.06E-04	1.73E-04	4.21E-05
115	1.223E-03	3.04E-04	3.62E-04	3.27E-04	1.85E-04	4.51E-05
116	1.323E-03	3.28E-04	3.91E-04	3.55E-04	1.99E-04	4.89E-05
117	1.454E-03	3.60E-04	4.29E-04	3.92E-04	2.19E-04	5.40E-05
118	1.613E-03	3.99E-04	4.75E-04	4.37E-04	2.42E-04	6.01E-05
119	1.784E-03	4.41E-04	5.25E-04	4.83E-04	2.68E-04	6.65E-05
120	1.944E-03	4.81E-04	5.73E-04	5.26E-04	2.92E-04	7.23E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
121	2.070E-03	5.13E-04	6.11E-04	5.57E-04	3.12E-04	7.66E-05
122	2.145E-03	5.33E-04	6.35E-04	5.73E-04	3.24E-04	7.89E-05
123	2.161E-03	5.39E-04	6.42E-04	5.73E-04	3.28E-04	7.89E-05
124	2.122E-03	5.31E-04	6.33E-04	5.58E-04	3.23E-04	7.68E-05
125	3.548E-04	8.89E-05	1.06E-04	9.32E-05	5.40E-05	1.28E-05
126	3.786E-04	9.48E-05	1.13E-04	9.95E-05	5.76E-05	1.37E-05
127	3.934E-04	9.84E-05	1.17E-04	1.04E-04	5.98E-05	1.43E-05
128	6.791E-04	1.69E-04	2.02E-04	1.81E-04	1.03E-04	2.49E-05
129	7.428E-04	1.85E-04	2.20E-04	1.98E-04	1.12E-04	2.73E-05
130	8.150E-04	2.03E-04	2.41E-04	2.18E-04	1.23E-04	3.00E-05
131	8.950E-04	2.22E-04	2.65E-04	2.40E-04	1.35E-04	3.30E-05
132	9.811E-04	2.44E-04	2.90E-04	2.63E-04	1.48E-04	3.62E-05
133	1.075E-03	2.67E-04	3.18E-04	2.88E-04	1.62E-04	3.97E-05
134	1.168E-03	2.90E-04	3.45E-04	3.14E-04	1.76E-04	4.31E-05
135	1.253E-03	3.11E-04	3.70E-04	3.36E-04	1.89E-04	4.63E-05
136	1.337E-03	3.32E-04	3.95E-04	3.59E-04	2.02E-04	4.94E-05
137	1.428E-03	3.54E-04	4.22E-04	3.83E-04	2.15E-04	5.27E-05
138	1.541E-03	3.82E-04	4.55E-04	4.15E-04	2.32E-04	5.71E-05
139	1.690E-03	4.18E-04	4.98E-04	4.56E-04	2.54E-04	6.28E-05
140	1.888E-03	4.66E-04	5.55E-04	5.12E-04	2.83E-04	7.05E-05
141	2.119E-03	5.23E-04	6.23E-04	5.77E-04	3.18E-04	7.94E-05
142	2.350E-03	5.80E-04	6.91E-04	6.39E-04	3.52E-04	8.79E-05
143	2.539E-03	6.28E-04	7.48E-04	6.87E-04	3.82E-04	9.46E-05
144	2.652E-03	6.58E-04	7.84E-04	7.12E-04	4.00E-04	9.80E-05
145	2.677E-03	6.67E-04	7.94E-04	7.13E-04	4.05E-04	9.81E-05
146	2.618E-03	6.55E-04	7.80E-04	6.90E-04	3.98E-04	9.50E-05
147	3.791E-04	9.50E-05	1.13E-04	9.96E-05	5.77E-05	1.37E-05
148	4.066E-04	1.02E-04	1.21E-04	1.07E-04	6.19E-05	1.47E-05
149	4.268E-04	1.07E-04	1.27E-04	1.12E-04	6.49E-05	1.55E-05
150	7.742E-04	1.93E-04	2.29E-04	2.07E-04	1.17E-04	2.84E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
151	8.552E-04	2.13E-04	2.53E-04	2.29E-04	1.29E-04	3.15E-05
152	9.489E-04	2.36E-04	2.81E-04	2.54E-04	1.43E-04	3.50E-05
153	1.056E-03	2.62E-04	3.12E-04	2.84E-04	1.59E-04	3.91E-05
154	1.175E-03	2.91E-04	3.47E-04	3.17E-04	1.77E-04	4.36E-05
155	1.314E-03	3.25E-04	3.88E-04	3.55E-04	1.98E-04	4.88E-05
156	1.444E-03	3.57E-04	4.26E-04	3.90E-04	2.17E-04	5.37E-05
157	1.571E-03	3.89E-04	4.63E-04	4.24E-04	2.36E-04	5.84E-05
158	1.697E-03	4.20E-04	5.00E-04	4.58E-04	2.55E-04	6.30E-05
159	1.833E-03	4.54E-04	5.41E-04	4.95E-04	2.76E-04	6.81E-05
160	2.004E-03	4.96E-04	5.90E-04	5.42E-04	3.01E-04	7.46E-05
161	2.240E-03	5.53E-04	6.58E-04	6.09E-04	3.36E-04	8.38E-05
162	2.550E-03	6.28E-04	7.48E-04	6.97E-04	3.81E-04	9.59E-05
163	2.887E-03	7.10E-04	8.46E-04	7.90E-04	4.32E-04	1.09E-04
164	3.181E-03	7.84E-04	9.34E-04	8.67E-04	4.77E-04	1.19E-04
165	3.364E-03	8.32E-04	9.91E-04	9.09E-04	5.06E-04	1.25E-04
166	3.405E-03	8.47E-04	1.01E-03	9.10E-04	5.15E-04	1.25E-04
167	3.313E-03	8.28E-04	9.86E-04	8.75E-04	5.03E-04	1.20E-04
168	3.118E-03	7.83E-04	9.33E-04	8.14E-04	4.76E-04	1.12E-04
169	4.041E-04	1.01E-04	1.21E-04	1.06E-04	6.15E-05	1.46E-05
170	4.359E-04	1.09E-04	1.30E-04	1.15E-04	6.63E-05	1.58E-05
171	4.634E-04	1.16E-04	1.38E-04	1.22E-04	7.04E-05	1.68E-05
172	4.912E-04	1.23E-04	1.46E-04	1.30E-04	7.46E-05	1.79E-05
173	8.881E-04	2.21E-04	2.63E-04	2.38E-04	1.34E-04	3.27E-05
174	9.936E-04	2.47E-04	2.94E-04	2.67E-04	1.50E-04	3.67E-05
175	1.118E-03	2.77E-04	3.30E-04	3.01E-04	1.68E-04	4.14E-05
176	1.263E-03	3.13E-04	3.72E-04	3.41E-04	1.90E-04	4.69E-05
177	1.434E-03	3.55E-04	4.22E-04	3.89E-04	2.16E-04	5.35E-05
178	1.634E-03	4.03E-04	4.80E-04	4.44E-04	2.45E-04	6.10E-05
179	1.832E-03	4.52E-04	5.38E-04	4.98E-04	2.75E-04	6.85E-05
180	2.031E-03	5.01E-04	5.97E-04	5.52E-04	3.05E-04	7.60E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
181	2.227E-03	5.50E-04	6.55E-04	6.05E-04	3.34E-04	8.32E-05
182	2.440E-03	6.03E-04	7.18E-04	6.62E-04	3.66E-04	9.12E-05
183	4.477E-03	1.11E-03	1.32E-03	1.20E-03	6.75E-04	1.66E-04
184	4.326E-03	1.08E-03	1.29E-03	1.15E-03	6.57E-04	1.58E-04
185	4.659E-04	1.17E-04	1.39E-04	1.23E-04	7.09E-05	1.69E-05
186	5.013E-04	1.25E-04	1.49E-04	1.32E-04	7.62E-05	1.82E-05
187	5.340E-04	1.33E-04	1.59E-04	1.41E-04	8.11E-05	1.94E-05
188	1.023E-03	2.54E-04	3.02E-04	2.75E-04	1.54E-04	3.78E-05
189	1.163E-03	2.88E-04	3.43E-04	3.13E-04	1.75E-04	4.31E-05
190	1.331E-03	3.29E-04	3.92E-04	3.60E-04	2.00E-04	4.95E-05
191	1.533E-03	3.79E-04	4.51E-04	4.16E-04	2.30E-04	5.72E-05
192	1.790E-03	4.41E-04	5.26E-04	4.88E-04	2.68E-04	6.71E-05
193	2.079E-03	5.12E-04	6.10E-04	5.69E-04	3.11E-04	7.83E-05
194	2.396E-03	5.89E-04	7.02E-04	6.57E-04	3.58E-04	9.04E-05
195	2.723E-03	6.69E-04	7.97E-04	7.47E-04	4.07E-04	1.03E-04
196	3.049E-03	7.50E-04	8.93E-04	8.35E-04	4.56E-04	1.15E-04
197	3.410E-03	8.39E-04	9.99E-04	9.33E-04	5.10E-04	1.28E-04
198	5.358E-04	1.34E-04	1.60E-04	1.41E-04	8.14E-05	1.95E-05
199	5.817E-04	1.45E-04	1.73E-04	1.54E-04	8.83E-05	2.12E-05
200	5.729E-04	1.43E-04	1.71E-04	1.51E-04	8.70E-05	2.08E-05
201	6.297E-04	1.57E-04	1.87E-04	1.67E-04	9.56E-05	2.29E-05
202	6.852E-04	1.71E-04	2.04E-04	1.82E-04	1.04E-04	2.50E-05
203	6.759E-04	1.69E-04	2.01E-04	1.79E-04	1.03E-04	2.46E-05
204	7.524E-04	1.88E-04	2.24E-04	2.00E-04	1.14E-04	2.75E-05
205	8.349E-04	2.08E-04	2.48E-04	2.22E-04	1.26E-04	3.05E-05
206	8.159E-04	2.03E-04	2.42E-04	2.17E-04	1.24E-04	2.98E-05
207	9.172E-04	2.29E-04	2.72E-04	2.44E-04	1.39E-04	3.36E-05
208	1.040E-03	2.59E-04	3.08E-04	2.78E-04	1.57E-04	3.82E-05
209	8.835E-04	2.20E-04	2.62E-04	2.35E-04	1.34E-04	3.23E-05
210	1.010E-03	2.51E-04	3.00E-04	2.69E-04	1.53E-04	3.70E-05



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
211	1.152E-03	2.86E-04	3.41E-04	3.08E-04	1.74E-04	4.24E-05
212	1.107E-03	2.75E-04	3.28E-04	2.95E-04	1.67E-04	4.06E-05
213	1.290E-03	3.21E-04	3.82E-04	3.45E-04	1.95E-04	4.75E-05
214	1.498E-03	3.72E-04	4.43E-04	4.02E-04	2.26E-04	5.54E-05
215	1.214E-03	3.02E-04	3.60E-04	3.25E-04	1.84E-04	4.47E-05
216	1.427E-03	3.54E-04	4.22E-04	3.83E-04	2.15E-04	5.26E-05
217	1.673E-03	4.15E-04	4.94E-04	4.50E-04	2.52E-04	6.20E-05
218	1.856E-03	4.60E-04	5.48E-04	4.99E-04	2.80E-04	6.87E-05
219	2.254E-03	5.58E-04	6.65E-04	6.08E-04	3.39E-04	8.37E-05
220	2.016E-03	5.01E-04	5.97E-04	5.40E-04	3.04E-04	7.44E-05
221	2.421E-03	6.01E-04	7.16E-04	6.50E-04	3.65E-04	8.94E-05
222	2.105E-03	5.25E-04	6.25E-04	5.60E-04	3.19E-04	7.70E-05
223	2.498E-03	6.23E-04	7.42E-04	6.64E-04	3.78E-04	9.14E-05
224	3.031E-03	7.56E-04	9.01E-04	8.04E-04	4.60E-04	1.11E-04
225	2.462E-03	6.17E-04	7.35E-04	6.47E-04	3.75E-04	8.90E-05
226	2.892E-03	7.26E-04	8.65E-04	7.56E-04	4.41E-04	1.04E-04
227	1.154E-03	2.99E-04	3.56E-04	2.79E-04	1.82E-04	3.84E-05
228	9.994E-04	2.58E-04	3.08E-04	2.43E-04	1.57E-04	3.35E-05
229	8.730E-04	2.25E-04	2.68E-04	2.13E-04	1.37E-04	2.93E-05
230	7.686E-04	1.98E-04	2.36E-04	1.88E-04	1.20E-04	2.59E-05
231	1.007E-03	2.60E-04	3.10E-04	2.45E-04	1.58E-04	3.37E-05
232	8.838E-04	2.28E-04	2.72E-04	2.16E-04	1.39E-04	2.97E-05
233	7.809E-04	2.01E-04	2.40E-04	1.91E-04	1.22E-04	2.63E-05
234	6.943E-04	1.79E-04	2.13E-04	1.71E-04	1.09E-04	2.35E-05
235	8.837E-04	2.28E-04	2.72E-04	2.16E-04	1.39E-04	2.97E-05
236	7.851E-04	2.02E-04	2.41E-04	1.92E-04	1.23E-04	2.65E-05
237	7.008E-04	1.80E-04	2.15E-04	1.72E-04	1.10E-04	2.37E-05
238	6.288E-04	1.62E-04	1.93E-04	1.55E-04	9.83E-05	2.13E-05
239	1.059E-02	2.84E-03	3.38E-03	2.32E-03	1.73E-03	3.19E-04
240	9.810E-03	2.64E-03	3.14E-03	2.14E-03	1.60E-03	2.94E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
241	8.896E-03	2.39E-03	2.85E-03	1.94E-03	1.45E-03	2.67E-04
242	7.948E-03	2.13E-03	2.54E-03	1.74E-03	1.30E-03	2.39E-04
243	8.186E-03	2.18E-03	2.60E-03	1.83E-03	1.33E-03	2.52E-04
244	7.638E-03	2.04E-03	2.43E-03	1.70E-03	1.24E-03	2.34E-04
245	7.010E-03	1.87E-03	2.23E-03	1.56E-03	1.14E-03	2.15E-04
246	6.356E-03	1.69E-03	2.02E-03	1.42E-03	1.03E-03	1.95E-04
247	6.513E-03	1.73E-03	2.06E-03	1.48E-03	1.05E-03	2.04E-04
248	6.114E-03	1.62E-03	1.93E-03	1.38E-03	9.86E-04	1.90E-04
249	5.662E-03	1.50E-03	1.79E-03	1.28E-03	9.13E-04	1.76E-04
250	5.192E-03	1.38E-03	1.64E-03	1.18E-03	8.37E-04	1.62E-04
251	2.370E-03	6.19E-04	7.37E-04	5.60E-04	3.76E-04	7.71E-05
252	2.217E-03	5.78E-04	6.89E-04	5.26E-04	3.52E-04	7.23E-05
253	2.485E-03	6.48E-04	7.72E-04	5.89E-04	3.94E-04	8.11E-05
254	2.352E-03	6.14E-04	7.31E-04	5.58E-04	3.73E-04	7.67E-05
255	2.090E-03	5.45E-04	6.49E-04	4.97E-04	3.31E-04	6.84E-05
256	1.965E-03	5.12E-04	6.10E-04	4.68E-04	3.11E-04	6.45E-05
257	1.623E-03	4.21E-04	5.02E-04	3.89E-04	2.56E-04	5.36E-05
258	2.181E-03	5.68E-04	6.76E-04	5.20E-04	3.45E-04	7.16E-05
259	2.071E-03	5.39E-04	6.42E-04	4.94E-04	3.28E-04	6.80E-05
260	1.962E-03	5.11E-04	6.08E-04	4.68E-04	3.10E-04	6.44E-05
261	1.856E-03	4.83E-04	5.75E-04	4.44E-04	2.93E-04	6.10E-05
262	1.754E-03	4.56E-04	5.43E-04	4.20E-04	2.77E-04	5.78E-05
263	1.469E-03	3.81E-04	4.54E-04	3.54E-04	2.32E-04	4.87E-05
264	1.837E-03	4.77E-04	5.69E-04	4.40E-04	2.90E-04	6.06E-05
265	1.747E-03	4.54E-04	5.41E-04	4.19E-04	2.76E-04	5.76E-05
266	1.659E-03	4.31E-04	5.13E-04	3.98E-04	2.62E-04	5.48E-05
267	1.573E-03	4.08E-04	4.86E-04	3.78E-04	2.48E-04	5.21E-05
268	1.336E-03	3.46E-04	4.12E-04	3.23E-04	2.10E-04	4.44E-05
269	3.001E-03	7.82E-04	9.32E-04	7.14E-04	4.75E-04	9.83E-05
270	2.378E-03	6.19E-04	7.37E-04	5.69E-04	3.76E-04	7.83E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
271	1.925E-03	5.00E-04	5.95E-04	4.62E-04	3.04E-04	6.36E-05
272	1.587E-03	4.11E-04	4.90E-04	3.83E-04	2.50E-04	5.27E-05
273	1.329E-03	3.44E-04	4.10E-04	3.22E-04	2.09E-04	4.43E-05
274	1.129E-03	2.92E-04	3.47E-04	2.75E-04	1.77E-04	3.78E-05
275	9.714E-04	2.51E-04	2.99E-04	2.37E-04	1.52E-04	3.27E-05
276	2.597E-03	6.79E-04	8.08E-04	6.14E-04	4.12E-04	8.44E-05
277	2.071E-03	5.40E-04	6.43E-04	4.93E-04	3.28E-04	6.79E-05
278	1.688E-03	4.39E-04	5.22E-04	4.05E-04	2.67E-04	5.57E-05
279	1.402E-03	3.63E-04	4.33E-04	3.38E-04	2.21E-04	4.65E-05
280	1.183E-03	3.06E-04	3.64E-04	2.87E-04	1.86E-04	3.94E-05
281	1.012E-03	2.61E-04	3.11E-04	2.46E-04	1.59E-04	3.39E-05
282	8.760E-04	2.26E-04	2.69E-04	2.14E-04	1.37E-04	2.95E-05
283	2.208E-03	5.77E-04	6.87E-04	5.21E-04	3.51E-04	7.18E-05
284	1.783E-03	4.64E-04	5.53E-04	4.25E-04	2.82E-04	5.85E-05
285	1.471E-03	3.82E-04	4.55E-04	3.53E-04	2.32E-04	4.86E-05
286	1.234E-03	3.20E-04	3.81E-04	2.98E-04	1.94E-04	4.10E-05
287	1.051E-03	2.72E-04	3.24E-04	2.55E-04	1.65E-04	3.51E-05
288	9.064E-04	2.34E-04	2.79E-04	2.21E-04	1.42E-04	3.04E-05
289	7.907E-04	2.04E-04	2.43E-04	1.94E-04	1.24E-04	2.66E-05
290	1.876E-03	4.89E-04	5.83E-04	4.45E-04	2.97E-04	6.13E-05
291	1.539E-03	4.00E-04	4.77E-04	3.68E-04	2.43E-04	5.07E-05
292	1.286E-03	3.34E-04	3.97E-04	3.10E-04	2.03E-04	4.26E-05
293	1.091E-03	2.82E-04	3.36E-04	2.64E-04	1.72E-04	3.64E-05
294	9.379E-04	2.42E-04	2.89E-04	2.28E-04	1.47E-04	3.14E-05
295	8.158E-04	2.10E-04	2.51E-04	1.99E-04	1.28E-04	2.75E-05
296	7.169E-04	1.85E-04	2.20E-04	1.76E-04	1.12E-04	2.42E-05
297	1.612E-03	4.19E-04	5.00E-04	3.85E-04	2.55E-04	5.30E-05
298	1.341E-03	3.48E-04	4.15E-04	3.23E-04	2.12E-04	4.44E-05
299	1.134E-03	2.94E-04	3.50E-04	2.75E-04	1.78E-04	3.78E-05
300	9.724E-04	2.51E-04	2.99E-04	2.37E-04	1.53E-04	3.26E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
301	8.435E-04	2.18E-04	2.59E-04	2.06E-04	1.32E-04	2.84E-05
302	7.394E-04	1.90E-04	2.27E-04	1.81E-04	1.16E-04	2.50E-05
303	6.541E-04	1.68E-04	2.00E-04	1.61E-04	1.02E-04	2.22E-05
304	1.401E-03	3.64E-04	4.33E-04	3.37E-04	2.21E-04	4.63E-05
305	1.181E-03	3.06E-04	3.64E-04	2.86E-04	1.86E-04	3.93E-05
306	1.010E-03	2.61E-04	3.11E-04	2.46E-04	1.59E-04	3.38E-05
307	8.741E-04	2.26E-04	2.69E-04	2.13E-04	1.37E-04	2.94E-05
308	7.645E-04	1.97E-04	2.35E-04	1.87E-04	1.20E-04	2.58E-05
309	6.749E-04	1.74E-04	2.07E-04	1.66E-04	1.06E-04	2.28E-05
310	6.007E-04	1.54E-04	1.84E-04	1.48E-04	9.38E-05	2.04E-05
311	1.229E-03	3.18E-04	3.79E-04	2.97E-04	1.93E-04	4.09E-05
312	1.049E-03	2.71E-04	3.23E-04	2.55E-04	1.65E-04	3.51E-05
313	9.064E-04	2.34E-04	2.79E-04	2.21E-04	1.42E-04	3.04E-05
314	7.913E-04	2.04E-04	2.43E-04	1.94E-04	1.24E-04	2.67E-05
315	6.973E-04	1.79E-04	2.14E-04	1.71E-04	1.09E-04	2.36E-05
316	6.196E-04	1.59E-04	1.90E-04	1.53E-04	9.68E-05	2.10E-05
317	5.547E-04	1.42E-04	1.70E-04	1.37E-04	8.66E-05	1.89E-05

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Parcel 6-D: Unmitigated - Parcel 6 - Site Preparation Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

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**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL		
				Constant	Dose	Constant	Risk	Constant 2				
1	0.04951	6.39E-03	3.2E-04	1.05E-03	3.31E-07	8.61E-04	2.85E-10	1.0E+06	2.8E-04	Max 0.013	Receptor # 239	5
2	0.05172	6.39E-03	3.3E-04	1.05E-03	3.46E-07	8.61E-04	2.98E-10	1.0E+06	3.0E-04			5
3	0.05236	6.39E-03	3.3E-04	1.05E-03	3.50E-07	8.61E-04	3.01E-10	1.0E+06	3.0E-04	5		
4	0.07235	6.39E-03	4.6E-04	1.05E-03	4.83E-07	8.61E-04	4.16E-10	1.0E+06	4.2E-04	5		
5	0.07653	6.39E-03	4.9E-04	1.05E-03	5.11E-07	8.61E-04	4.40E-10	1.0E+06	4.4E-04	5		
6	0.08084	6.39E-03	5.2E-04	1.05E-03	5.40E-07	8.61E-04	4.65E-10	1.0E+06	4.7E-04	5		
7	0.08519	6.39E-03	5.4E-04	1.05E-03	5.69E-07	8.61E-04	4.90E-10	1.0E+06	4.9E-04	5		
8	0.08948	6.39E-03	5.7E-04	1.05E-03	5.98E-07	8.61E-04	5.15E-10	1.0E+06	5.1E-04	5		
9	0.09365	6.39E-03	6.0E-04	1.05E-03	6.26E-07	8.61E-04	5.39E-10	1.0E+06	5.4E-04	5		
10	0.09765	6.39E-03	6.2E-04	1.05E-03	6.53E-07	8.61E-04	5.62E-10	1.0E+06	5.6E-04	5		
11	0.10148	6.39E-03	6.5E-04	1.05E-03	6.78E-07	8.61E-04	5.84E-10	1.0E+06	5.8E-04	5		
12	0.10526	6.39E-03	6.7E-04	1.05E-03	7.03E-07	8.61E-04	6.06E-10	1.0E+06	6.1E-04	5		
13	0.10931	6.39E-03	7.0E-04	1.05E-03	7.30E-07	8.61E-04	6.29E-10	1.0E+06	6.3E-04	5		
14	0.11336	6.39E-03	7.2E-04	1.05E-03	7.57E-07	8.61E-04	6.52E-10	1.0E+06	6.5E-04	5		
15	0.11778	6.39E-03	7.5E-04	1.05E-03	7.87E-07	8.61E-04	6.78E-10	1.0E+06	6.8E-04	5		
16	0.1232	6.39E-03	7.9E-04	1.05E-03	8.23E-07	8.61E-04	7.09E-10	1.0E+06	7.1E-04	5		
17	0.12989	6.39E-03	8.3E-04	1.05E-03	8.68E-07	8.61E-04	7.47E-10	1.0E+06	7.5E-04	5		
18	0.13792	6.39E-03	8.8E-04	1.05E-03	9.22E-07	8.61E-04	7.94E-10	1.0E+06	7.9E-04	5		
19	0.14758	6.39E-03	9.4E-04	1.05E-03	9.86E-07	8.61E-04	8.49E-10	1.0E+06	8.5E-04	5		
20	0.15859	6.39E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.12E-10	1.0E+06	9.1E-04	5		
21	0.1704	6.39E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.80E-10	1.0E+06	9.8E-04	5		
22	0.18224	6.39E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03	5		
23	0.19328	6.39E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03	5		
24	0.20272	6.39E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03	5		
25	0.20989	6.39E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03	5		
26	0.05296	6.39E-03	3.4E-04	1.05E-03	3.54E-07	8.61E-04	3.05E-10	1.0E+06	3.0E-04	5		
27	0.0555	6.39E-03	3.5E-04	1.05E-03	3.71E-07	8.61E-04	3.19E-10	1.0E+06	3.2E-04	5		
28	0.05631	6.39E-03	3.6E-04	1.05E-03	3.76E-07	8.61E-04	3.24E-10	1.0E+06	3.2E-04	5		
29	0.07937	6.39E-03	5.1E-04	1.05E-03	5.30E-07	8.61E-04	4.57E-10	1.0E+06	4.6E-04	5		
30	0.08437	6.39E-03	5.4E-04	1.05E-03	5.64E-07	8.61E-04	4.85E-10	1.0E+06	4.9E-04	5		
31	0.08966	6.39E-03	5.7E-04	1.05E-03	5.99E-07	8.61E-04	5.16E-10	1.0E+06	5.2E-04	5		

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
32	0.09509	6.39E-03	6.1E-04	1.05E-03	6.35E-07	8.61E-04	5.47E-10	1.0E+06	5.5E-04	5
33	0.10051	6.39E-03	6.4E-04	1.05E-03	6.72E-07	8.61E-04	5.78E-10	1.0E+06	5.8E-04	5
34	0.10582	6.39E-03	6.8E-04	1.05E-03	7.07E-07	8.61E-04	6.09E-10	1.0E+06	6.1E-04	5
35	0.11096	6.39E-03	7.1E-04	1.05E-03	7.41E-07	8.61E-04	6.38E-10	1.0E+06	6.4E-04	5
36	0.11588	6.39E-03	7.4E-04	1.05E-03	7.74E-07	8.61E-04	6.67E-10	1.0E+06	6.7E-04	5
37	0.12101	6.39E-03	7.7E-04	1.05E-03	8.09E-07	8.61E-04	6.96E-10	1.0E+06	7.0E-04	5
38	0.12621	6.39E-03	8.1E-04	1.05E-03	8.43E-07	8.61E-04	7.26E-10	1.0E+06	7.3E-04	5
39	0.13119	6.39E-03	8.4E-04	1.05E-03	8.77E-07	8.61E-04	7.55E-10	1.0E+06	7.5E-04	5
40	0.13691	6.39E-03	8.8E-04	1.05E-03	9.15E-07	8.61E-04	7.88E-10	1.0E+06	7.9E-04	5
41	0.14414	6.39E-03	9.2E-04	1.05E-03	9.63E-07	8.61E-04	8.29E-10	1.0E+06	8.3E-04	5
42	0.15293	6.39E-03	9.8E-04	1.05E-03	1.02E-06	8.61E-04	8.80E-10	1.0E+06	8.8E-04	5
43	0.16377	6.39E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.42E-10	1.0E+06	9.4E-04	5
44	0.17669	6.39E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03	5
45	0.1911	6.39E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03	5
46	0.20603	6.39E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03	5
47	0.22026	6.39E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03	5
48	0.23261	6.39E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03	5
49	0.24204	6.39E-03	1.5E-03	1.05E-03	1.62E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03	5
50	0.24784	6.39E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03	5
51	0.0567	6.39E-03	3.6E-04	1.05E-03	3.79E-07	8.61E-04	3.26E-10	1.0E+06	3.3E-04	5
52	0.05964	6.39E-03	3.8E-04	1.05E-03	3.99E-07	8.61E-04	3.43E-10	1.0E+06	3.4E-04	5
53	0.06073	6.39E-03	3.9E-04	1.05E-03	4.06E-07	8.61E-04	3.49E-10	1.0E+06	3.5E-04	5
54	0.08751	6.39E-03	5.6E-04	1.05E-03	5.85E-07	8.61E-04	5.04E-10	1.0E+06	5.0E-04	5
55	0.09351	6.39E-03	6.0E-04	1.05E-03	6.25E-07	8.61E-04	5.38E-10	1.0E+06	5.4E-04	5
56	0.09998	6.39E-03	6.4E-04	1.05E-03	6.68E-07	8.61E-04	5.75E-10	1.0E+06	5.8E-04	5
57	0.10679	6.39E-03	6.8E-04	1.05E-03	7.14E-07	8.61E-04	6.14E-10	1.0E+06	6.1E-04	5
58	0.11372	6.39E-03	7.3E-04	1.05E-03	7.60E-07	8.61E-04	6.54E-10	1.0E+06	6.5E-04	5
59	0.12064	6.39E-03	7.7E-04	1.05E-03	8.06E-07	8.61E-04	6.94E-10	1.0E+06	6.9E-04	5
60	0.12739	6.39E-03	8.1E-04	1.05E-03	8.51E-07	8.61E-04	7.33E-10	1.0E+06	7.3E-04	5
61	0.13386	6.39E-03	8.6E-04	1.05E-03	8.94E-07	8.61E-04	7.70E-10	1.0E+06	7.7E-04	5
62	0.14077	6.39E-03	9.0E-04	1.05E-03	9.41E-07	8.61E-04	8.10E-10	1.0E+06	8.1E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
63	0.14733	6.39E-03	9.4E-04	1.05E-03	9.84E-07	8.61E-04	8.48E-10	1.0E+06	8.5E-04	5
64	0.15387	6.39E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.85E-10	1.0E+06	8.9E-04	5
65	0.16147	6.39E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.29E-10	1.0E+06	9.3E-04	5
66	0.17126	6.39E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.85E-10	1.0E+06	9.9E-04	5
67	0.18324	6.39E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03	5
68	0.19819	6.39E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03	5
69	0.21571	6.39E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03	5
70	0.23462	6.39E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03	5
71	0.25324	6.39E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03	5
72	0.26972	6.39E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.6E-03	5
73	0.28243	6.39E-03	1.8E-03	1.05E-03	1.89E-06	8.61E-04	1.63E-09	1.0E+06	1.6E-03	5
74	0.29025	6.39E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03	5
75	0.29267	6.39E-03	1.9E-03	1.05E-03	1.96E-06	8.61E-04	1.68E-09	1.0E+06	1.7E-03	5
76	0.06071	6.39E-03	3.9E-04	1.05E-03	4.06E-07	8.61E-04	3.49E-10	1.0E+06	3.5E-04	5
77	0.06413	6.39E-03	4.1E-04	1.05E-03	4.29E-07	8.61E-04	3.69E-10	1.0E+06	3.7E-04	5
78	0.06567	6.39E-03	4.2E-04	1.05E-03	4.39E-07	8.61E-04	3.78E-10	1.0E+06	3.8E-04	5
79	0.09704	6.39E-03	6.2E-04	1.05E-03	6.48E-07	8.61E-04	5.58E-10	1.0E+06	5.6E-04	5
80	0.10426	6.39E-03	6.7E-04	1.05E-03	6.97E-07	8.61E-04	6.00E-10	1.0E+06	6.0E-04	5
81	0.1122	6.39E-03	7.2E-04	1.05E-03	7.50E-07	8.61E-04	6.46E-10	1.0E+06	6.5E-04	5
82	0.12076	6.39E-03	7.7E-04	1.05E-03	8.07E-07	8.61E-04	6.95E-10	1.0E+06	6.9E-04	5
83	0.12974	6.39E-03	8.3E-04	1.05E-03	8.67E-07	8.61E-04	7.46E-10	1.0E+06	7.5E-04	5
84	0.13888	6.39E-03	8.9E-04	1.05E-03	9.28E-07	8.61E-04	7.99E-10	1.0E+06	8.0E-04	5
85	0.14792	6.39E-03	9.5E-04	1.05E-03	9.88E-07	8.61E-04	8.51E-10	1.0E+06	8.5E-04	5
86	0.15736	6.39E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.05E-10	1.0E+06	9.1E-04	5
87	0.1663	6.39E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.57E-10	1.0E+06	9.6E-04	5
88	0.17458	6.39E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.00E-09	1.0E+06	1.0E-03	5
89	0.18338	6.39E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03	5
90	0.19386	6.39E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03	5
91	0.20731	6.39E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03	5
92	0.22424	6.39E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03	5
93	0.2453	6.39E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03	5



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
94	0.2693	6.39E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.5E-03	5
95	0.29395	6.39E-03	1.9E-03	1.05E-03	1.96E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03	5
96	0.31643	6.39E-03	2.0E-03	1.05E-03	2.11E-06	8.61E-04	1.82E-09	1.0E+06	1.8E-03	5
97	0.33406	6.39E-03	2.1E-03	1.05E-03	2.23E-06	8.61E-04	1.92E-09	1.0E+06	1.9E-03	5
98	0.34492	6.39E-03	2.2E-03	1.05E-03	2.30E-06	8.61E-04	1.98E-09	1.0E+06	2.0E-03	5
99	0.34819	6.39E-03	2.2E-03	1.05E-03	2.33E-06	8.61E-04	2.00E-09	1.0E+06	2.0E-03	5
100	0.34405	6.39E-03	2.2E-03	1.05E-03	2.30E-06	8.61E-04	1.98E-09	1.0E+06	2.0E-03	5
101	0.065	6.39E-03	4.2E-04	1.05E-03	4.34E-07	8.61E-04	3.74E-10	1.0E+06	3.7E-04	5
102	0.06899	6.39E-03	4.4E-04	1.05E-03	4.61E-07	8.61E-04	3.97E-10	1.0E+06	4.0E-04	5
103	0.07112	6.39E-03	4.5E-04	1.05E-03	4.75E-07	8.61E-04	4.09E-10	1.0E+06	4.1E-04	5
104	0.10825	6.39E-03	6.9E-04	1.05E-03	7.23E-07	8.61E-04	6.23E-10	1.0E+06	6.2E-04	5
105	0.11703	6.39E-03	7.5E-04	1.05E-03	7.82E-07	8.61E-04	6.73E-10	1.0E+06	6.7E-04	5
106	0.12685	6.39E-03	8.1E-04	1.05E-03	8.48E-07	8.61E-04	7.30E-10	1.0E+06	7.3E-04	5
107	0.1377	6.39E-03	8.8E-04	1.05E-03	9.20E-07	8.61E-04	7.92E-10	1.0E+06	7.9E-04	5
108	0.14943	6.39E-03	9.6E-04	1.05E-03	9.99E-07	8.61E-04	8.60E-10	1.0E+06	8.6E-04	5
109	0.16164	6.39E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.30E-10	1.0E+06	9.3E-04	5
110	0.17416	6.39E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	1.00E-09	1.0E+06	1.0E-03	5
111	0.18754	6.39E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03	5
112	0.19918	6.39E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03	5
113	0.21061	6.39E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03	5
114	0.22283	6.39E-03	1.4E-03	1.05E-03	1.49E-06	8.61E-04	1.28E-09	1.0E+06	1.3E-03	5
115	0.23758	6.39E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03	5
116	0.25666	6.39E-03	1.6E-03	1.05E-03	1.72E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03	5
117	0.28148	6.39E-03	1.8E-03	1.05E-03	1.88E-06	8.61E-04	1.62E-09	1.0E+06	1.6E-03	5
118	0.31178	6.39E-03	2.0E-03	1.05E-03	2.08E-06	8.61E-04	1.79E-09	1.0E+06	1.8E-03	5
119	0.34476	6.39E-03	2.2E-03	1.05E-03	2.30E-06	8.61E-04	1.98E-09	1.0E+06	2.0E-03	5
120	0.37611	6.39E-03	2.4E-03	1.05E-03	2.51E-06	8.61E-04	2.16E-09	1.0E+06	2.2E-03	5
121	0.40133	6.39E-03	2.6E-03	1.05E-03	2.68E-06	8.61E-04	2.31E-09	1.0E+06	2.3E-03	5
122	0.41702	6.39E-03	2.7E-03	1.05E-03	2.79E-06	8.61E-04	2.40E-09	1.0E+06	2.4E-03	5
123	0.42163	6.39E-03	2.7E-03	1.05E-03	2.82E-06	8.61E-04	2.43E-09	1.0E+06	2.4E-03	5
124	0.41547	6.39E-03	2.7E-03	1.05E-03	2.78E-06	8.61E-04	2.39E-09	1.0E+06	2.4E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
125	0.06952	6.39E-03	4.4E-04	1.05E-03	4.65E-07	8.61E-04	4.00E-10	1.0E+06	4.0E-04	5
126	0.07414	6.39E-03	4.7E-04	1.05E-03	4.95E-07	8.61E-04	4.27E-10	1.0E+06	4.3E-04	5
127	0.07699	6.39E-03	4.9E-04	1.05E-03	5.14E-07	8.61E-04	4.43E-10	1.0E+06	4.4E-04	5
128	0.13231	6.39E-03	8.5E-04	1.05E-03	8.84E-07	8.61E-04	7.61E-10	1.0E+06	7.6E-04	5
129	0.1446	6.39E-03	9.2E-04	1.05E-03	9.66E-07	8.61E-04	8.32E-10	1.0E+06	8.3E-04	5
130	0.1585	6.39E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.12E-10	1.0E+06	9.1E-04	5
131	0.17391	6.39E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	1.00E-09	1.0E+06	1.0E-03	5
132	0.19049	6.39E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03	5
133	0.20857	6.39E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03	5
134	0.22664	6.39E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03	5
135	0.24325	6.39E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03	5
136	0.25961	6.39E-03	1.7E-03	1.05E-03	1.73E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03	5
137	0.27715	6.39E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03	5
138	0.29888	6.39E-03	1.9E-03	1.05E-03	2.00E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03	5
139	0.32709	6.39E-03	2.1E-03	1.05E-03	2.19E-06	8.61E-04	1.88E-09	1.0E+06	1.9E-03	5
140	0.36457	6.39E-03	2.3E-03	1.05E-03	2.44E-06	8.61E-04	2.10E-09	1.0E+06	2.1E-03	5
141	0.4088	6.39E-03	2.6E-03	1.05E-03	2.73E-06	8.61E-04	2.35E-09	1.0E+06	2.4E-03	5
142	0.4535	6.39E-03	2.9E-03	1.05E-03	3.03E-06	8.61E-04	2.61E-09	1.0E+06	2.6E-03	5
143	0.49092	6.39E-03	3.1E-03	1.05E-03	3.28E-06	8.61E-04	2.82E-09	1.0E+06	2.8E-03	5
144	0.51462	6.39E-03	3.3E-03	1.05E-03	3.44E-06	8.61E-04	2.96E-09	1.0E+06	3.0E-03	5
145	0.52155	6.39E-03	3.3E-03	1.05E-03	3.49E-06	8.61E-04	3.00E-09	1.0E+06	3.0E-03	5
146	0.51219	6.39E-03	3.3E-03	1.05E-03	3.42E-06	8.61E-04	2.95E-09	1.0E+06	2.9E-03	5
147	0.07427	6.39E-03	4.7E-04	1.05E-03	4.96E-07	8.61E-04	4.27E-10	1.0E+06	4.3E-04	5
148	0.07962	6.39E-03	5.1E-04	1.05E-03	5.32E-07	8.61E-04	4.58E-10	1.0E+06	4.6E-04	5
149	0.08351	6.39E-03	5.3E-04	1.05E-03	5.58E-07	8.61E-04	4.80E-10	1.0E+06	4.8E-04	5
150	0.15066	6.39E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.67E-10	1.0E+06	8.7E-04	5
151	0.16626	6.39E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.57E-10	1.0E+06	9.6E-04	5
152	0.18427	6.39E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03	5
153	0.20482	6.39E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03	5
154	0.22769	6.39E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03	5
155	0.25443	6.39E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
156	0.27957	6.39E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03	5
157	0.30418	6.39E-03	1.9E-03	1.05E-03	2.03E-06	8.61E-04	1.75E-09	1.0E+06	1.8E-03	5
158	0.32861	6.39E-03	2.1E-03	1.05E-03	2.20E-06	8.61E-04	1.89E-09	1.0E+06	1.9E-03	5
159	0.35497	6.39E-03	2.3E-03	1.05E-03	2.37E-06	8.61E-04	2.04E-09	1.0E+06	2.0E-03	5
160	0.38762	6.39E-03	2.5E-03	1.05E-03	2.59E-06	8.61E-04	2.23E-09	1.0E+06	2.2E-03	5
161	0.43223	6.39E-03	2.8E-03	1.05E-03	2.89E-06	8.61E-04	2.49E-09	1.0E+06	2.5E-03	5
162	0.49083	6.39E-03	3.1E-03	1.05E-03	3.28E-06	8.61E-04	2.82E-09	1.0E+06	2.8E-03	5
163	0.55551	6.39E-03	3.6E-03	1.05E-03	3.71E-06	8.61E-04	3.20E-09	1.0E+06	3.2E-03	5
164	0.61315	6.39E-03	3.9E-03	1.05E-03	4.10E-06	8.61E-04	3.53E-09	1.0E+06	3.5E-03	5
165	0.65091	6.39E-03	4.2E-03	1.05E-03	4.35E-06	8.61E-04	3.75E-09	1.0E+06	3.7E-03	5
166	0.66218	6.39E-03	4.2E-03	1.05E-03	4.42E-06	8.61E-04	3.81E-09	1.0E+06	3.8E-03	5
167	0.64751	6.39E-03	4.1E-03	1.05E-03	4.33E-06	8.61E-04	3.73E-09	1.0E+06	3.7E-03	5
168	0.61241	6.39E-03	3.9E-03	1.05E-03	4.09E-06	8.61E-04	3.52E-09	1.0E+06	3.5E-03	5
169	0.07916	6.39E-03	5.1E-04	1.05E-03	5.29E-07	8.61E-04	4.55E-10	1.0E+06	4.6E-04	5
170	0.08533	6.39E-03	5.5E-04	1.05E-03	5.70E-07	8.61E-04	4.91E-10	1.0E+06	4.9E-04	5
171	0.09064	6.39E-03	5.8E-04	1.05E-03	6.06E-07	8.61E-04	5.22E-10	1.0E+06	5.2E-04	5
172	0.096	6.39E-03	6.1E-04	1.05E-03	6.41E-07	8.61E-04	5.52E-10	1.0E+06	5.5E-04	5
173	0.17259	6.39E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.93E-10	1.0E+06	9.9E-04	5
174	0.19287	6.39E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03	5
175	0.21668	6.39E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.2E-03	5
176	0.24448	6.39E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03	5
177	0.27733	6.39E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03	5
178	0.31545	6.39E-03	2.0E-03	1.05E-03	2.11E-06	8.61E-04	1.82E-09	1.0E+06	1.8E-03	5
179	0.35347	6.39E-03	2.3E-03	1.05E-03	2.36E-06	8.61E-04	2.03E-09	1.0E+06	2.0E-03	5
180	0.39191	6.39E-03	2.5E-03	1.05E-03	2.62E-06	8.61E-04	2.25E-09	1.0E+06	2.3E-03	5
181	0.42997	6.39E-03	2.7E-03	1.05E-03	2.87E-06	8.61E-04	2.47E-09	1.0E+06	2.5E-03	5
182	0.4713	6.39E-03	3.0E-03	1.05E-03	3.15E-06	8.61E-04	2.71E-09	1.0E+06	2.7E-03	5
183	0.86859	6.39E-03	5.6E-03	1.05E-03	5.80E-06	8.61E-04	5.00E-09	1.0E+06	5.0E-03	5
184	0.84475	6.39E-03	5.4E-03	1.05E-03	5.64E-06	8.61E-04	4.86E-09	1.0E+06	4.9E-03	5
185	0.09119	6.39E-03	5.8E-04	1.05E-03	6.09E-07	8.61E-04	5.25E-10	1.0E+06	5.2E-04	5
186	0.09802	6.39E-03	6.3E-04	1.05E-03	6.55E-07	8.61E-04	5.64E-10	1.0E+06	5.6E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					Risk/ Million	REL
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		
187	0.10434	6.39E-03	6.7E-04	1.05E-03	6.97E-07	8.61E-04	6.00E-10	1.0E+06	6.0E-04	5
188	0.19852	6.39E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03	5
189	0.22533	6.39E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03	5
190	0.2575	6.39E-03	1.6E-03	1.05E-03	1.72E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03	5
191	0.2962	6.39E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03	5
192	0.34509	6.39E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03	5
193	0.40023	6.39E-03	2.6E-03	1.05E-03	2.67E-06	8.61E-04	2.30E-09	1.0E+06	2.3E-03	5
194	0.4606	6.39E-03	2.9E-03	1.05E-03	3.08E-06	8.61E-04	2.65E-09	1.0E+06	2.7E-03	5
195	0.52347	6.39E-03	3.3E-03	1.05E-03	3.50E-06	8.61E-04	3.01E-09	1.0E+06	3.0E-03	5
196	0.58646	6.39E-03	3.7E-03	1.05E-03	3.92E-06	8.61E-04	3.37E-09	1.0E+06	3.4E-03	5
197	0.65624	6.39E-03	4.2E-03	1.05E-03	4.39E-06	8.61E-04	3.78E-09	1.0E+06	3.8E-03	5
198	0.10476	6.39E-03	6.7E-04	1.05E-03	7.00E-07	8.61E-04	6.03E-10	1.0E+06	6.0E-04	5
199	0.11364	6.39E-03	7.3E-04	1.05E-03	7.59E-07	8.61E-04	6.54E-10	1.0E+06	6.5E-04	5
200	0.11201	6.39E-03	7.2E-04	1.05E-03	7.48E-07	8.61E-04	6.44E-10	1.0E+06	6.4E-04	5
201	0.12301	6.39E-03	7.9E-04	1.05E-03	8.22E-07	8.61E-04	7.08E-10	1.0E+06	7.1E-04	5
202	0.13371	6.39E-03	8.5E-04	1.05E-03	8.93E-07	8.61E-04	7.69E-10	1.0E+06	7.7E-04	5
203	0.13202	6.39E-03	8.4E-04	1.05E-03	8.82E-07	8.61E-04	7.60E-10	1.0E+06	7.6E-04	5
204	0.1468	6.39E-03	9.4E-04	1.05E-03	9.81E-07	8.61E-04	8.45E-10	1.0E+06	8.4E-04	5
205	0.16271	6.39E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.36E-10	1.0E+06	9.4E-04	5
206	0.15915	6.39E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.16E-10	1.0E+06	9.2E-04	5
207	0.17871	6.39E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03	5
208	0.20235	6.39E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03	5
209	0.17224	6.39E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.91E-10	1.0E+06	9.9E-04	5
210	0.19669	6.39E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03	5
211	0.224	6.39E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03	5
212	0.21538	6.39E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03	5
213	0.25066	6.39E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03	5
214	0.29057	6.39E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03	5
215	0.23613	6.39E-03	1.5E-03	1.05E-03	1.58E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03	5
216	0.27702	6.39E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03	5
217	0.32439	6.39E-03	2.1E-03	1.05E-03	2.17E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
218	0.36	6.39E-03	2.3E-03	1.05E-03	2.41E-06	8.61E-04	2.07E-09	1.0E+06	2.1E-03	5
219	0.43643	6.39E-03	2.8E-03	1.05E-03	2.92E-06	8.61E-04	2.51E-09	1.0E+06	2.5E-03	5
220	0.39169	6.39E-03	2.5E-03	1.05E-03	2.62E-06	8.61E-04	2.25E-09	1.0E+06	2.3E-03	5
221	0.46998	6.39E-03	3.0E-03	1.05E-03	3.14E-06	8.61E-04	2.70E-09	1.0E+06	2.7E-03	5
222	0.41022	6.39E-03	2.6E-03	1.05E-03	2.74E-06	8.61E-04	2.36E-09	1.0E+06	2.4E-03	5
223	0.48697	6.39E-03	3.1E-03	1.05E-03	3.25E-06	8.61E-04	2.80E-09	1.0E+06	2.8E-03	5
224	0.59137	6.39E-03	3.8E-03	1.05E-03	3.95E-06	8.61E-04	3.40E-09	1.0E+06	3.4E-03	5
225	0.48249	6.39E-03	3.1E-03	1.05E-03	3.22E-06	8.61E-04	2.78E-09	1.0E+06	2.8E-03	5
226	0.56777	6.39E-03	3.6E-03	1.05E-03	3.79E-06	8.61E-04	3.27E-09	1.0E+06	3.3E-03	5
227	0.23355	6.39E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03	5
228	0.20197	6.39E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03	5
229	0.17615	6.39E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03	5
230	0.15485	6.39E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.91E-10	1.0E+06	8.9E-04	5
231	0.20348	6.39E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03	5
232	0.17835	6.39E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03	5
233	0.15736	6.39E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.05E-10	1.0E+06	9.1E-04	5
234	0.13974	6.39E-03	8.9E-04	1.05E-03	9.34E-07	8.61E-04	8.04E-10	1.0E+06	8.0E-04	5
235	0.17833	6.39E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03	5
236	0.15822	6.39E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.10E-10	1.0E+06	9.1E-04	5
237	0.14108	6.39E-03	9.0E-04	1.05E-03	9.43E-07	8.61E-04	8.12E-10	1.0E+06	8.1E-04	5
238	0.12644	6.39E-03	8.1E-04	1.05E-03	8.45E-07	8.61E-04	7.27E-10	1.0E+06	7.3E-04	5
239	2.22163	6.39E-03	1.4E-02	1.05E-03	1.48E-05	8.61E-04	1.28E-08	1.0E+06	1.3E-02	5
240	2.06114	6.39E-03	1.3E-02	1.05E-03	1.38E-05	8.61E-04	1.19E-08	1.0E+06	1.2E-02	5
241	1.86961	6.39E-03	1.2E-02	1.05E-03	1.25E-05	8.61E-04	1.08E-08	1.0E+06	1.1E-02	5
242	1.66802	6.39E-03	1.1E-02	1.05E-03	1.11E-05	8.61E-04	9.60E-09	1.0E+06	9.6E-03	5
243	1.70554	6.39E-03	1.1E-02	1.05E-03	1.14E-05	8.61E-04	9.81E-09	1.0E+06	9.8E-03	5
244	1.5936	6.39E-03	1.0E-02	1.05E-03	1.06E-05	8.61E-04	9.17E-09	1.0E+06	9.2E-03	5
245	1.46293	6.39E-03	9.4E-03	1.05E-03	9.78E-06	8.61E-04	8.42E-09	1.0E+06	8.4E-03	5
246	1.3252	6.39E-03	8.5E-03	1.05E-03	8.86E-06	8.61E-04	7.62E-09	1.0E+06	7.6E-03	5
247	1.34955	6.39E-03	8.6E-03	1.05E-03	9.02E-06	8.61E-04	7.76E-09	1.0E+06	7.8E-03	5
248	1.26835	6.39E-03	8.1E-03	1.05E-03	8.48E-06	8.61E-04	7.30E-09	1.0E+06	7.3E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
249	1.17509	6.39E-03	7.5E-03	1.05E-03	7.85E-06	8.61E-04	6.76E-09	1.0E+06	6.8E-03	5
250	1.07675	6.39E-03	6.9E-03	1.05E-03	7.19E-06	8.61E-04	6.20E-09	1.0E+06	6.2E-03	5
251	0.48411	6.39E-03	3.1E-03	1.05E-03	3.23E-06	8.61E-04	2.79E-09	1.0E+06	2.8E-03	5
252	0.45239	6.39E-03	2.9E-03	1.05E-03	3.02E-06	8.61E-04	2.60E-09	1.0E+06	2.6E-03	5
253	0.50717	6.39E-03	3.2E-03	1.05E-03	3.39E-06	8.61E-04	2.92E-09	1.0E+06	2.9E-03	5
254	0.47985	6.39E-03	3.1E-03	1.05E-03	3.21E-06	8.61E-04	2.76E-09	1.0E+06	2.8E-03	5
255	0.42596	6.39E-03	2.7E-03	1.05E-03	2.85E-06	8.61E-04	2.45E-09	1.0E+06	2.5E-03	5
256	0.40027	6.39E-03	2.6E-03	1.05E-03	2.67E-06	8.61E-04	2.30E-09	1.0E+06	2.3E-03	5
257	0.32965	6.39E-03	2.1E-03	1.05E-03	2.20E-06	8.61E-04	1.90E-09	1.0E+06	1.9E-03	5
258	0.44403	6.39E-03	2.8E-03	1.05E-03	2.97E-06	8.61E-04	2.55E-09	1.0E+06	2.6E-03	5
259	0.42167	6.39E-03	2.7E-03	1.05E-03	2.82E-06	8.61E-04	2.43E-09	1.0E+06	2.4E-03	5
260	0.39932	6.39E-03	2.6E-03	1.05E-03	2.67E-06	8.61E-04	2.30E-09	1.0E+06	2.3E-03	5
261	0.37753	6.39E-03	2.4E-03	1.05E-03	2.52E-06	8.61E-04	2.17E-09	1.0E+06	2.2E-03	5
262	0.35648	6.39E-03	2.3E-03	1.05E-03	2.38E-06	8.61E-04	2.05E-09	1.0E+06	2.1E-03	5
263	0.2981	6.39E-03	1.9E-03	1.05E-03	1.99E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03	5
264	0.37342	6.39E-03	2.4E-03	1.05E-03	2.50E-06	8.61E-04	2.15E-09	1.0E+06	2.1E-03	5
265	0.35494	6.39E-03	2.3E-03	1.05E-03	2.37E-06	8.61E-04	2.04E-09	1.0E+06	2.0E-03	5
266	0.33687	6.39E-03	2.2E-03	1.05E-03	2.25E-06	8.61E-04	1.94E-09	1.0E+06	1.9E-03	5
267	0.31938	6.39E-03	2.0E-03	1.05E-03	2.13E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03	5
268	0.27073	6.39E-03	1.7E-03	1.05E-03	1.81E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03	5
269	0.61165	6.39E-03	3.9E-03	1.05E-03	4.09E-06	8.61E-04	3.52E-09	1.0E+06	3.5E-03	5
270	0.48384	6.39E-03	3.1E-03	1.05E-03	3.23E-06	8.61E-04	2.78E-09	1.0E+06	2.8E-03	5
271	0.39085	6.39E-03	2.5E-03	1.05E-03	2.61E-06	8.61E-04	2.25E-09	1.0E+06	2.2E-03	5
272	0.3216	6.39E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.9E-03	5
273	0.26893	6.39E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.5E-03	5
274	0.22814	6.39E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03	5
275	0.19599	6.39E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03	5
276	0.53069	6.39E-03	3.4E-03	1.05E-03	3.55E-06	8.61E-04	3.05E-09	1.0E+06	3.1E-03	5
277	0.42196	6.39E-03	2.7E-03	1.05E-03	2.82E-06	8.61E-04	2.43E-09	1.0E+06	2.4E-03	5
278	0.34305	6.39E-03	2.2E-03	1.05E-03	2.29E-06	8.61E-04	1.97E-09	1.0E+06	2.0E-03	5
279	0.28421	6.39E-03	1.8E-03	1.05E-03	1.90E-06	8.61E-04	1.64E-09	1.0E+06	1.6E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
280	0.23932	6.39E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03	5
281	0.20439	6.39E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03	5
282	0.17671	6.39E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03	5
283	0.45114	6.39E-03	2.9E-03	1.05E-03	3.01E-06	8.61E-04	2.60E-09	1.0E+06	2.6E-03	5
284	0.36327	6.39E-03	2.3E-03	1.05E-03	2.43E-06	8.61E-04	2.09E-09	1.0E+06	2.1E-03	5
285	0.29876	6.39E-03	1.9E-03	1.05E-03	2.00E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03	5
286	0.25008	6.39E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03	5
287	0.21253	6.39E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03	5
288	0.18301	6.39E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03	5
289	0.1594	6.39E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.17E-10	1.0E+06	9.2E-04	5
290	0.38278	6.39E-03	2.4E-03	1.05E-03	2.56E-06	8.61E-04	2.20E-09	1.0E+06	2.2E-03	5
291	0.31303	6.39E-03	2.0E-03	1.05E-03	2.09E-06	8.61E-04	1.80E-09	1.0E+06	1.8E-03	5
292	0.26083	6.39E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03	5
293	0.2208	6.39E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03	5
294	0.18948	6.39E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03	5
295	0.16455	6.39E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.47E-10	1.0E+06	9.5E-04	5
296	0.14439	6.39E-03	9.2E-04	1.05E-03	9.65E-07	8.61E-04	8.31E-10	1.0E+06	8.3E-04	5
297	0.32796	6.39E-03	2.1E-03	1.05E-03	2.19E-06	8.61E-04	1.89E-09	1.0E+06	1.9E-03	5
298	0.27223	6.39E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03	5
299	0.22967	6.39E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03	5
300	0.1965	6.39E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03	5
301	0.17018	6.39E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.79E-10	1.0E+06	9.8E-04	5
302	0.14895	6.39E-03	9.5E-04	1.05E-03	9.95E-07	8.61E-04	8.57E-10	1.0E+06	8.6E-04	5
303	0.13161	6.39E-03	8.4E-04	1.05E-03	8.79E-07	8.61E-04	7.57E-10	1.0E+06	7.6E-04	5
304	0.28434	6.39E-03	1.8E-03	1.05E-03	1.90E-06	8.61E-04	1.64E-09	1.0E+06	1.6E-03	5
305	0.23926	6.39E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03	5
306	0.20419	6.39E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03	5
307	0.17639	6.39E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03	5
308	0.15404	6.39E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.86E-10	1.0E+06	8.9E-04	5
309	0.1358	6.39E-03	8.7E-04	1.05E-03	9.07E-07	8.61E-04	7.81E-10	1.0E+06	7.8E-04	5
310	0.12074	6.39E-03	7.7E-04	1.05E-03	8.07E-07	8.61E-04	6.95E-10	1.0E+06	6.9E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
311	0.24894	6.39E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03	5
312	0.21211	6.39E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03	5
313	0.18295	6.39E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03	5
314	0.15948	6.39E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.18E-10	1.0E+06	9.2E-04	5
315	0.14034	6.39E-03	9.0E-04	1.05E-03	9.38E-07	8.61E-04	8.07E-10	1.0E+06	8.1E-04	5
316	0.12456	6.39E-03	8.0E-04	1.05E-03	8.32E-07	8.61E-04	7.17E-10	1.0E+06	7.2E-04	5
317	0.1114	6.39E-03	7.1E-04	1.05E-03	7.44E-07	8.61E-04	6.41E-10	1.0E+06	6.4E-04	5



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk**

<b>Chronic Non Cancer Risk</b>	
<b>Receptor #</b>	<b>HI</b>
1	6.33E-05
2	6.61E-05
3	6.69E-05
4	9.25E-05
5	9.79E-05
6	1.03E-04
7	1.09E-04
8	1.14E-04
9	1.20E-04
10	1.25E-04
11	1.30E-04
12	1.35E-04
13	1.40E-04
14	1.45E-04
15	1.51E-04
16	1.58E-04
17	1.66E-04
18	1.76E-04
19	1.89E-04
20	2.03E-04
21	2.18E-04
22	2.33E-04
23	2.47E-04
24	2.59E-04
25	2.68E-04
26	6.77E-05
27	7.10E-05
28	7.20E-05
29	1.01E-04
30	1.08E-04
31	1.15E-04

<b>Max</b>	<b>Receptor #</b>
0.003	239

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
32	1.22E-04
33	1.29E-04
34	1.35E-04
35	1.42E-04
36	1.48E-04
37	1.55E-04
38	1.61E-04
39	1.68E-04
40	1.75E-04
41	1.84E-04
42	1.96E-04
43	2.09E-04
44	2.26E-04
45	2.44E-04
46	2.63E-04
47	2.82E-04
48	2.97E-04
49	3.09E-04
50	3.17E-04
51	7.25E-05
52	7.63E-05
53	7.77E-05
54	1.12E-04
55	1.20E-04
56	1.28E-04
57	1.37E-04
58	1.45E-04
59	1.54E-04
60	1.63E-04
61	1.71E-04
62	1.80E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
63	1.88E-04
64	1.97E-04
65	2.06E-04
66	2.19E-04
67	2.34E-04
68	2.53E-04
69	2.76E-04
70	3.00E-04
71	3.24E-04
72	3.45E-04
73	3.61E-04
74	3.71E-04
75	3.74E-04
76	7.76E-05
77	8.20E-05
78	8.40E-05
79	1.24E-04
80	1.33E-04
81	1.43E-04
82	1.54E-04
83	1.66E-04
84	1.78E-04
85	1.89E-04
86	2.01E-04
87	2.13E-04
88	2.23E-04
89	2.34E-04
90	2.48E-04
91	2.65E-04
92	2.87E-04
93	3.14E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
94	3.44E-04
95	3.76E-04
96	4.05E-04
97	4.27E-04
98	4.41E-04
99	4.45E-04
100	4.40E-04
101	8.31E-05
102	8.82E-05
103	9.09E-05
104	1.38E-04
105	1.50E-04
106	1.62E-04
107	1.76E-04
108	1.91E-04
109	2.07E-04
110	2.23E-04
111	2.40E-04
112	2.55E-04
113	2.69E-04
114	2.85E-04
115	3.04E-04
116	3.28E-04
117	3.60E-04
118	3.99E-04
119	4.41E-04
120	4.81E-04
121	5.13E-04
122	5.33E-04
123	5.39E-04
124	5.31E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
125	8.89E-05
126	9.48E-05
127	9.84E-05
128	1.69E-04
129	1.85E-04
130	2.03E-04
131	2.22E-04
132	2.44E-04
133	2.67E-04
134	2.90E-04
135	3.11E-04
136	3.32E-04
137	3.54E-04
138	3.82E-04
139	4.18E-04
140	4.66E-04
141	5.23E-04
142	5.80E-04
143	6.28E-04
144	6.58E-04
145	6.67E-04
146	6.55E-04
147	9.50E-05
148	1.02E-04
149	1.07E-04
150	1.93E-04
151	2.13E-04
152	2.36E-04
153	2.62E-04
154	2.91E-04
155	3.25E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
156	3.57E-04
157	3.89E-04
158	4.20E-04
159	4.54E-04
160	4.96E-04
161	5.53E-04
162	6.28E-04
163	7.10E-04
164	7.84E-04
165	8.32E-04
166	8.47E-04
167	8.28E-04
168	7.83E-04
169	1.01E-04
170	1.09E-04
171	1.16E-04
172	1.23E-04
173	2.21E-04
174	2.47E-04
175	2.77E-04
176	3.13E-04
177	3.55E-04
178	4.03E-04
179	4.52E-04
180	5.01E-04
181	5.50E-04
182	6.03E-04
183	1.11E-03
184	1.08E-03
185	1.17E-04
186	1.25E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
187	1.33E-04
188	2.54E-04
189	2.88E-04
190	3.29E-04
191	3.79E-04
192	4.41E-04
193	5.12E-04
194	5.89E-04
195	6.69E-04
196	7.50E-04
197	8.39E-04
198	1.34E-04
199	1.45E-04
200	1.43E-04
201	1.57E-04
202	1.71E-04
203	1.69E-04
204	1.88E-04
205	2.08E-04
206	2.03E-04
207	2.29E-04
208	2.59E-04
209	2.20E-04
210	2.51E-04
211	2.86E-04
212	2.75E-04
213	3.21E-04
214	3.72E-04
215	3.02E-04
216	3.54E-04
217	4.15E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
218	4.60E-04
219	5.58E-04
220	5.01E-04
221	6.01E-04
222	5.25E-04
223	6.23E-04
224	7.56E-04
225	6.17E-04
226	7.26E-04
227	2.99E-04
228	2.58E-04
229	2.25E-04
230	1.98E-04
231	2.60E-04
232	2.28E-04
233	2.01E-04
234	1.79E-04
235	2.28E-04
236	2.02E-04
237	1.80E-04
238	1.62E-04
239	2.84E-03
240	2.64E-03
241	2.39E-03
242	2.13E-03
243	2.18E-03
244	2.04E-03
245	1.87E-03
246	1.69E-03
247	1.73E-03
248	1.62E-03



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
249	1.50E-03
250	1.38E-03
251	6.19E-04
252	5.78E-04
253	6.48E-04
254	6.14E-04
255	5.45E-04
256	5.12E-04
257	4.21E-04
258	5.68E-04
259	5.39E-04
260	5.11E-04
261	4.83E-04
262	4.56E-04
263	3.81E-04
264	4.77E-04
265	4.54E-04
266	4.31E-04
267	4.08E-04
268	3.46E-04
269	7.82E-04
270	6.19E-04
271	5.00E-04
272	4.11E-04
273	3.44E-04
274	2.92E-04
275	2.51E-04
276	6.79E-04
277	5.40E-04
278	4.39E-04
279	3.63E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
280	3.06E-04
281	2.61E-04
282	2.26E-04
283	5.77E-04
284	4.64E-04
285	3.82E-04
286	3.20E-04
287	2.72E-04
288	2.34E-04
289	2.04E-04
290	4.89E-04
291	4.00E-04
292	3.34E-04
293	2.82E-04
294	2.42E-04
295	2.10E-04
296	1.85E-04
297	4.19E-04
298	3.48E-04
299	2.94E-04
300	2.51E-04
301	2.18E-04
302	1.90E-04
303	1.68E-04
304	3.64E-04
305	3.06E-04
306	2.61E-04
307	2.26E-04
308	1.97E-04
309	1.74E-04
310	1.54E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Site Preparation Risk**

***Chronic Non Cancer Risk***

<b>Receptor #</b>	<b>HI</b>
311	3.18E-04
312	2.71E-04
313	2.34E-04
314	2.04E-04
315	1.79E-04
316	1.59E-04
317	1.42E-04

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Parcel 6-E: Unmitigated - Parcel 6 - Grading Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.04951	7.62E-03	3.8E-04	1.05E-03	3.94E-07	8.61E-04	3.39E-10	1.0E+06	3.4E-04
2	0.05172	7.62E-03	3.9E-04	1.05E-03	4.12E-07	8.61E-04	3.54E-10	1.0E+06	3.5E-04
3	0.05236	7.62E-03	4.0E-04	1.05E-03	4.17E-07	8.61E-04	3.59E-10	1.0E+06	3.6E-04
4	0.07235	7.62E-03	5.5E-04	1.05E-03	5.76E-07	8.61E-04	4.96E-10	1.0E+06	5.0E-04
5	0.07653	7.62E-03	5.8E-04	1.05E-03	6.09E-07	8.61E-04	5.25E-10	1.0E+06	5.2E-04
6	0.08084	7.62E-03	6.2E-04	1.05E-03	6.43E-07	8.61E-04	5.54E-10	1.0E+06	5.5E-04
7	0.08519	7.62E-03	6.5E-04	1.05E-03	6.78E-07	8.61E-04	5.84E-10	1.0E+06	5.8E-04
8	0.08948	7.62E-03	6.8E-04	1.05E-03	7.12E-07	8.61E-04	6.13E-10	1.0E+06	6.1E-04
9	0.09365	7.62E-03	7.1E-04	1.05E-03	7.45E-07	8.61E-04	6.42E-10	1.0E+06	6.4E-04
10	0.09765	7.62E-03	7.4E-04	1.05E-03	7.77E-07	8.61E-04	6.69E-10	1.0E+06	6.7E-04
11	0.10148	7.62E-03	7.7E-04	1.05E-03	8.08E-07	8.61E-04	6.96E-10	1.0E+06	7.0E-04
12	0.10526	7.62E-03	8.0E-04	1.05E-03	8.38E-07	8.61E-04	7.21E-10	1.0E+06	7.2E-04
13	0.10931	7.62E-03	8.3E-04	1.05E-03	8.70E-07	8.61E-04	7.49E-10	1.0E+06	7.5E-04
14	0.11336	7.62E-03	8.6E-04	1.05E-03	9.02E-07	8.61E-04	7.77E-10	1.0E+06	7.8E-04
15	0.11778	7.62E-03	9.0E-04	1.05E-03	9.37E-07	8.61E-04	8.07E-10	1.0E+06	8.1E-04
16	0.1232	7.62E-03	9.4E-04	1.05E-03	9.81E-07	8.61E-04	8.44E-10	1.0E+06	8.4E-04
17	0.12989	7.62E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.90E-10	1.0E+06	8.9E-04
18	0.13792	7.62E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.45E-10	1.0E+06	9.5E-04
19	0.14758	7.62E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
20	0.15859	7.62E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
21	0.1704	7.62E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
22	0.18224	7.62E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.2E-03
23	0.19328	7.62E-03	1.5E-03	1.05E-03	1.54E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
24	0.20272	7.62E-03	1.5E-03	1.05E-03	1.61E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03
25	0.20989	7.62E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03
26	0.05296	7.62E-03	4.0E-04	1.05E-03	4.22E-07	8.61E-04	3.63E-10	1.0E+06	3.6E-04
27	0.0555	7.62E-03	4.2E-04	1.05E-03	4.42E-07	8.61E-04	3.80E-10	1.0E+06	3.8E-04
28	0.05631	7.62E-03	4.3E-04	1.05E-03	4.48E-07	8.61E-04	3.86E-10	1.0E+06	3.9E-04
29	0.07937	7.62E-03	6.0E-04	1.05E-03	6.32E-07	8.61E-04	5.44E-10	1.0E+06	5.4E-04
30	0.08437	7.62E-03	6.4E-04	1.05E-03	6.72E-07	8.61E-04	5.78E-10	1.0E+06	5.8E-04
31	0.08966	7.62E-03	6.8E-04	1.05E-03	7.14E-07	8.61E-04	6.14E-10	1.0E+06	6.1E-04

<b>Max</b>	<b>Receptor #</b>
0.015	239

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
32	0.09509	7.62E-03	7.2E-04	1.05E-03	7.57E-07	8.61E-04	6.52E-10	1.0E+06	6.5E-04
33	0.10051	7.62E-03	7.7E-04	1.05E-03	8.00E-07	8.61E-04	6.89E-10	1.0E+06	6.9E-04
34	0.10582	7.62E-03	8.1E-04	1.05E-03	8.42E-07	8.61E-04	7.25E-10	1.0E+06	7.3E-04
35	0.11096	7.62E-03	8.4E-04	1.05E-03	8.83E-07	8.61E-04	7.60E-10	1.0E+06	7.6E-04
36	0.11588	7.62E-03	8.8E-04	1.05E-03	9.22E-07	8.61E-04	7.94E-10	1.0E+06	7.9E-04
37	0.12101	7.62E-03	9.2E-04	1.05E-03	9.63E-07	8.61E-04	8.29E-10	1.0E+06	8.3E-04
38	0.12621	7.62E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.65E-10	1.0E+06	8.6E-04
39	0.13119	7.62E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.99E-10	1.0E+06	9.0E-04
40	0.13691	7.62E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.38E-10	1.0E+06	9.4E-04
41	0.14414	7.62E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.88E-10	1.0E+06	9.9E-04
42	0.15293	7.62E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03
43	0.16377	7.62E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
44	0.17669	7.62E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
45	0.1911	7.62E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
46	0.20603	7.62E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
47	0.22026	7.62E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
48	0.23261	7.62E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03
49	0.24204	7.62E-03	1.8E-03	1.05E-03	1.93E-06	8.61E-04	1.66E-09	1.0E+06	1.7E-03
50	0.24784	7.62E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03
51	0.0567	7.62E-03	4.3E-04	1.05E-03	4.51E-07	8.61E-04	3.89E-10	1.0E+06	3.9E-04
52	0.05964	7.62E-03	4.5E-04	1.05E-03	4.75E-07	8.61E-04	4.09E-10	1.0E+06	4.1E-04
53	0.06073	7.62E-03	4.6E-04	1.05E-03	4.83E-07	8.61E-04	4.16E-10	1.0E+06	4.2E-04
54	0.08751	7.62E-03	6.7E-04	1.05E-03	6.97E-07	8.61E-04	6.00E-10	1.0E+06	6.0E-04
55	0.09351	7.62E-03	7.1E-04	1.05E-03	7.44E-07	8.61E-04	6.41E-10	1.0E+06	6.4E-04
56	0.09998	7.62E-03	7.6E-04	1.05E-03	7.96E-07	8.61E-04	6.85E-10	1.0E+06	6.9E-04
57	0.10679	7.62E-03	8.1E-04	1.05E-03	8.50E-07	8.61E-04	7.32E-10	1.0E+06	7.3E-04
58	0.11372	7.62E-03	8.7E-04	1.05E-03	9.05E-07	8.61E-04	7.79E-10	1.0E+06	7.8E-04
59	0.12064	7.62E-03	9.2E-04	1.05E-03	9.60E-07	8.61E-04	8.27E-10	1.0E+06	8.3E-04
60	0.12739	7.62E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.73E-10	1.0E+06	8.7E-04
61	0.13386	7.62E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.17E-10	1.0E+06	9.2E-04
62	0.14077	7.62E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.65E-10	1.0E+06	9.6E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
63	0.14733	7.62E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
64	0.15387	7.62E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03
65	0.16147	7.62E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
66	0.17126	7.62E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
67	0.18324	7.62E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03
68	0.19819	7.62E-03	1.5E-03	1.05E-03	1.58E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03
69	0.21571	7.62E-03	1.6E-03	1.05E-03	1.72E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03
70	0.23462	7.62E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03
71	0.25324	7.62E-03	1.9E-03	1.05E-03	2.02E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03
72	0.26972	7.62E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.8E-03
73	0.28243	7.62E-03	2.2E-03	1.05E-03	2.25E-06	8.61E-04	1.94E-09	1.0E+06	1.9E-03
74	0.29025	7.62E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03
75	0.29267	7.62E-03	2.2E-03	1.05E-03	2.33E-06	8.61E-04	2.01E-09	1.0E+06	2.0E-03
76	0.06071	7.62E-03	4.6E-04	1.05E-03	4.83E-07	8.61E-04	4.16E-10	1.0E+06	4.2E-04
77	0.06413	7.62E-03	4.9E-04	1.05E-03	5.10E-07	8.61E-04	4.40E-10	1.0E+06	4.4E-04
78	0.06567	7.62E-03	5.0E-04	1.05E-03	5.23E-07	8.61E-04	4.50E-10	1.0E+06	4.5E-04
79	0.09704	7.62E-03	7.4E-04	1.05E-03	7.72E-07	8.61E-04	6.65E-10	1.0E+06	6.7E-04
80	0.10426	7.62E-03	7.9E-04	1.05E-03	8.30E-07	8.61E-04	7.15E-10	1.0E+06	7.1E-04
81	0.1122	7.62E-03	8.5E-04	1.05E-03	8.93E-07	8.61E-04	7.69E-10	1.0E+06	7.7E-04
82	0.12076	7.62E-03	9.2E-04	1.05E-03	9.61E-07	8.61E-04	8.28E-10	1.0E+06	8.3E-04
83	0.12974	7.62E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.89E-10	1.0E+06	8.9E-04
84	0.13888	7.62E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.52E-10	1.0E+06	9.5E-04
85	0.14792	7.62E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
86	0.15736	7.62E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
87	0.1663	7.62E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
88	0.17458	7.62E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
89	0.18338	7.62E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03
90	0.19386	7.62E-03	1.5E-03	1.05E-03	1.54E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03
91	0.20731	7.62E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03
92	0.22424	7.62E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03
93	0.2453	7.62E-03	1.9E-03	1.05E-03	1.95E-06	8.61E-04	1.68E-09	1.0E+06	1.7E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
94	0.2693	7.62E-03	2.1E-03	1.05E-03	2.14E-06	8.61E-04	1.85E-09	1.0E+06	1.8E-03
95	0.29395	7.62E-03	2.2E-03	1.05E-03	2.34E-06	8.61E-04	2.01E-09	1.0E+06	2.0E-03
96	0.31643	7.62E-03	2.4E-03	1.05E-03	2.52E-06	8.61E-04	2.17E-09	1.0E+06	2.2E-03
97	0.33406	7.62E-03	2.5E-03	1.05E-03	2.66E-06	8.61E-04	2.29E-09	1.0E+06	2.3E-03
98	0.34492	7.62E-03	2.6E-03	1.05E-03	2.75E-06	8.61E-04	2.36E-09	1.0E+06	2.4E-03
99	0.34819	7.62E-03	2.7E-03	1.05E-03	2.77E-06	8.61E-04	2.39E-09	1.0E+06	2.4E-03
100	0.34405	7.62E-03	2.6E-03	1.05E-03	2.74E-06	8.61E-04	2.36E-09	1.0E+06	2.4E-03
101	0.065	7.62E-03	4.9E-04	1.05E-03	5.17E-07	8.61E-04	4.45E-10	1.0E+06	4.5E-04
102	0.06899	7.62E-03	5.3E-04	1.05E-03	5.49E-07	8.61E-04	4.73E-10	1.0E+06	4.7E-04
103	0.07112	7.62E-03	5.4E-04	1.05E-03	5.66E-07	8.61E-04	4.87E-10	1.0E+06	4.9E-04
104	0.10825	7.62E-03	8.2E-04	1.05E-03	8.62E-07	8.61E-04	7.42E-10	1.0E+06	7.4E-04
105	0.11703	7.62E-03	8.9E-04	1.05E-03	9.32E-07	8.61E-04	8.02E-10	1.0E+06	8.0E-04
106	0.12685	7.62E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.69E-10	1.0E+06	8.7E-04
107	0.1377	7.62E-03	1.0E-03	1.05E-03	1.10E-06	8.61E-04	9.44E-10	1.0E+06	9.4E-04
108	0.14943	7.62E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
109	0.16164	7.62E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
110	0.17416	7.62E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
111	0.18754	7.62E-03	1.4E-03	1.05E-03	1.49E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
112	0.19918	7.62E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03
113	0.21061	7.62E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03
114	0.22283	7.62E-03	1.7E-03	1.05E-03	1.77E-06	8.61E-04	1.53E-09	1.0E+06	1.5E-03
115	0.23758	7.62E-03	1.8E-03	1.05E-03	1.89E-06	8.61E-04	1.63E-09	1.0E+06	1.6E-03
116	0.25666	7.62E-03	2.0E-03	1.05E-03	2.04E-06	8.61E-04	1.76E-09	1.0E+06	1.8E-03
117	0.28148	7.62E-03	2.1E-03	1.05E-03	2.24E-06	8.61E-04	1.93E-09	1.0E+06	1.9E-03
118	0.31178	7.62E-03	2.4E-03	1.05E-03	2.48E-06	8.61E-04	2.14E-09	1.0E+06	2.1E-03
119	0.34476	7.62E-03	2.6E-03	1.05E-03	2.74E-06	8.61E-04	2.36E-09	1.0E+06	2.4E-03
120	0.37611	7.62E-03	2.9E-03	1.05E-03	2.99E-06	8.61E-04	2.58E-09	1.0E+06	2.6E-03
121	0.40133	7.62E-03	3.1E-03	1.05E-03	3.19E-06	8.61E-04	2.75E-09	1.0E+06	2.8E-03
122	0.41702	7.62E-03	3.2E-03	1.05E-03	3.32E-06	8.61E-04	2.86E-09	1.0E+06	2.9E-03
123	0.42163	7.62E-03	3.2E-03	1.05E-03	3.36E-06	8.61E-04	2.89E-09	1.0E+06	2.9E-03
124	0.41547	7.62E-03	3.2E-03	1.05E-03	3.31E-06	8.61E-04	2.85E-09	1.0E+06	2.8E-03



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
125	0.06952	7.62E-03	5.3E-04	1.05E-03	5.53E-07	8.61E-04	4.76E-10	1.0E+06	4.8E-04
126	0.07414	7.62E-03	5.6E-04	1.05E-03	5.90E-07	8.61E-04	5.08E-10	1.0E+06	5.1E-04
127	0.07699	7.62E-03	5.9E-04	1.05E-03	6.13E-07	8.61E-04	5.28E-10	1.0E+06	5.3E-04
128	0.13231	7.62E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.07E-10	1.0E+06	9.1E-04
129	0.1446	7.62E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.91E-10	1.0E+06	9.9E-04
130	0.1585	7.62E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
131	0.17391	7.62E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
132	0.19049	7.62E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
133	0.20857	7.62E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03
134	0.22664	7.62E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.6E-03
135	0.24325	7.62E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03
136	0.25961	7.62E-03	2.0E-03	1.05E-03	2.07E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
137	0.27715	7.62E-03	2.1E-03	1.05E-03	2.21E-06	8.61E-04	1.90E-09	1.0E+06	1.9E-03
138	0.29888	7.62E-03	2.3E-03	1.05E-03	2.38E-06	8.61E-04	2.05E-09	1.0E+06	2.0E-03
139	0.32709	7.62E-03	2.5E-03	1.05E-03	2.60E-06	8.61E-04	2.24E-09	1.0E+06	2.2E-03
140	0.36457	7.62E-03	2.8E-03	1.05E-03	2.90E-06	8.61E-04	2.50E-09	1.0E+06	2.5E-03
141	0.4088	7.62E-03	3.1E-03	1.05E-03	3.25E-06	8.61E-04	2.80E-09	1.0E+06	2.8E-03
142	0.4535	7.62E-03	3.5E-03	1.05E-03	3.61E-06	8.61E-04	3.11E-09	1.0E+06	3.1E-03
143	0.49092	7.62E-03	3.7E-03	1.05E-03	3.91E-06	8.61E-04	3.36E-09	1.0E+06	3.4E-03
144	0.51462	7.62E-03	3.9E-03	1.05E-03	4.10E-06	8.61E-04	3.53E-09	1.0E+06	3.5E-03
145	0.52155	7.62E-03	4.0E-03	1.05E-03	4.15E-06	8.61E-04	3.57E-09	1.0E+06	3.6E-03
146	0.51219	7.62E-03	3.9E-03	1.05E-03	4.08E-06	8.61E-04	3.51E-09	1.0E+06	3.5E-03
147	0.07427	7.62E-03	5.7E-04	1.05E-03	5.91E-07	8.61E-04	5.09E-10	1.0E+06	5.1E-04
148	0.07962	7.62E-03	6.1E-04	1.05E-03	6.34E-07	8.61E-04	5.46E-10	1.0E+06	5.5E-04
149	0.08351	7.62E-03	6.4E-04	1.05E-03	6.65E-07	8.61E-04	5.72E-10	1.0E+06	5.7E-04
150	0.15066	7.62E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
151	0.16626	7.62E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
152	0.18427	7.62E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03
153	0.20482	7.62E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
154	0.22769	7.62E-03	1.7E-03	1.05E-03	1.81E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03
155	0.25443	7.62E-03	1.9E-03	1.05E-03	2.03E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.27957	7.62E-03	2.1E-03	1.05E-03	2.23E-06	8.61E-04	1.92E-09	1.0E+06	1.9E-03
157	0.30418	7.62E-03	2.3E-03	1.05E-03	2.42E-06	8.61E-04	2.08E-09	1.0E+06	2.1E-03
158	0.32861	7.62E-03	2.5E-03	1.05E-03	2.62E-06	8.61E-04	2.25E-09	1.0E+06	2.3E-03
159	0.35497	7.62E-03	2.7E-03	1.05E-03	2.83E-06	8.61E-04	2.43E-09	1.0E+06	2.4E-03
160	0.38762	7.62E-03	3.0E-03	1.05E-03	3.09E-06	8.61E-04	2.66E-09	1.0E+06	2.7E-03
161	0.43223	7.62E-03	3.3E-03	1.05E-03	3.44E-06	8.61E-04	2.96E-09	1.0E+06	3.0E-03
162	0.49083	7.62E-03	3.7E-03	1.05E-03	3.91E-06	8.61E-04	3.36E-09	1.0E+06	3.4E-03
163	0.55551	7.62E-03	4.2E-03	1.05E-03	4.42E-06	8.61E-04	3.81E-09	1.0E+06	3.8E-03
164	0.61315	7.62E-03	4.7E-03	1.05E-03	4.88E-06	8.61E-04	4.20E-09	1.0E+06	4.2E-03
165	0.65091	7.62E-03	5.0E-03	1.05E-03	5.18E-06	8.61E-04	4.46E-09	1.0E+06	4.5E-03
166	0.66218	7.62E-03	5.0E-03	1.05E-03	5.27E-06	8.61E-04	4.54E-09	1.0E+06	4.5E-03
167	0.64751	7.62E-03	4.9E-03	1.05E-03	5.15E-06	8.61E-04	4.44E-09	1.0E+06	4.4E-03
168	0.61241	7.62E-03	4.7E-03	1.05E-03	4.87E-06	8.61E-04	4.20E-09	1.0E+06	4.2E-03
169	0.07916	7.62E-03	6.0E-04	1.05E-03	6.30E-07	8.61E-04	5.43E-10	1.0E+06	5.4E-04
170	0.08533	7.62E-03	6.5E-04	1.05E-03	6.79E-07	8.61E-04	5.85E-10	1.0E+06	5.8E-04
171	0.09064	7.62E-03	6.9E-04	1.05E-03	7.21E-07	8.61E-04	6.21E-10	1.0E+06	6.2E-04
172	0.096	7.62E-03	7.3E-04	1.05E-03	7.64E-07	8.61E-04	6.58E-10	1.0E+06	6.6E-04
173	0.17259	7.62E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
174	0.19287	7.62E-03	1.5E-03	1.05E-03	1.54E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
175	0.21668	7.62E-03	1.7E-03	1.05E-03	1.72E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03
176	0.24448	7.62E-03	1.9E-03	1.05E-03	1.95E-06	8.61E-04	1.68E-09	1.0E+06	1.7E-03
177	0.27733	7.62E-03	2.1E-03	1.05E-03	2.21E-06	8.61E-04	1.90E-09	1.0E+06	1.9E-03
178	0.31545	7.62E-03	2.4E-03	1.05E-03	2.51E-06	8.61E-04	2.16E-09	1.0E+06	2.2E-03
179	0.35347	7.62E-03	2.7E-03	1.05E-03	2.81E-06	8.61E-04	2.42E-09	1.0E+06	2.4E-03
180	0.39191	7.62E-03	3.0E-03	1.05E-03	3.12E-06	8.61E-04	2.69E-09	1.0E+06	2.7E-03
181	0.42997	7.62E-03	3.3E-03	1.05E-03	3.42E-06	8.61E-04	2.95E-09	1.0E+06	2.9E-03
182	0.4713	7.62E-03	3.6E-03	1.05E-03	3.75E-06	8.61E-04	3.23E-09	1.0E+06	3.2E-03
183	0.86859	7.62E-03	6.6E-03	1.05E-03	6.91E-06	8.61E-04	5.95E-09	1.0E+06	6.0E-03
184	0.84475	7.62E-03	6.4E-03	1.05E-03	6.72E-06	8.61E-04	5.79E-09	1.0E+06	5.8E-03
185	0.09119	7.62E-03	6.9E-04	1.05E-03	7.26E-07	8.61E-04	6.25E-10	1.0E+06	6.2E-04
186	0.09802	7.62E-03	7.5E-04	1.05E-03	7.80E-07	8.61E-04	6.72E-10	1.0E+06	6.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
187	0.10434	7.62E-03	7.9E-04	1.05E-03	8.31E-07	8.61E-04	7.15E-10	1.0E+06	7.2E-04
188	0.19852	7.62E-03	1.5E-03	1.05E-03	1.58E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03
189	0.22533	7.62E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03
190	0.2575	7.62E-03	2.0E-03	1.05E-03	2.05E-06	8.61E-04	1.76E-09	1.0E+06	1.8E-03
191	0.2962	7.62E-03	2.3E-03	1.05E-03	2.36E-06	8.61E-04	2.03E-09	1.0E+06	2.0E-03
192	0.34509	7.62E-03	2.6E-03	1.05E-03	2.75E-06	8.61E-04	2.37E-09	1.0E+06	2.4E-03
193	0.40023	7.62E-03	3.0E-03	1.05E-03	3.19E-06	8.61E-04	2.74E-09	1.0E+06	2.7E-03
194	0.4606	7.62E-03	3.5E-03	1.05E-03	3.67E-06	8.61E-04	3.16E-09	1.0E+06	3.2E-03
195	0.52347	7.62E-03	4.0E-03	1.05E-03	4.17E-06	8.61E-04	3.59E-09	1.0E+06	3.6E-03
196	0.58646	7.62E-03	4.5E-03	1.05E-03	4.67E-06	8.61E-04	4.02E-09	1.0E+06	4.0E-03
197	0.65624	7.62E-03	5.0E-03	1.05E-03	5.22E-06	8.61E-04	4.50E-09	1.0E+06	4.5E-03
198	0.10476	7.62E-03	8.0E-04	1.05E-03	8.34E-07	8.61E-04	7.18E-10	1.0E+06	7.2E-04
199	0.11364	7.62E-03	8.7E-04	1.05E-03	9.05E-07	8.61E-04	7.79E-10	1.0E+06	7.8E-04
200	0.11201	7.62E-03	8.5E-04	1.05E-03	8.92E-07	8.61E-04	7.68E-10	1.0E+06	7.7E-04
201	0.12301	7.62E-03	9.4E-04	1.05E-03	9.79E-07	8.61E-04	8.43E-10	1.0E+06	8.4E-04
202	0.13371	7.62E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.16E-10	1.0E+06	9.2E-04
203	0.13202	7.62E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.05E-10	1.0E+06	9.0E-04
204	0.1468	7.62E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
205	0.16271	7.62E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
206	0.15915	7.62E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
207	0.17871	7.62E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03
208	0.20235	7.62E-03	1.5E-03	1.05E-03	1.61E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03
209	0.17224	7.62E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
210	0.19669	7.62E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03
211	0.224	7.62E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03
212	0.21538	7.62E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03
213	0.25066	7.62E-03	1.9E-03	1.05E-03	2.00E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03
214	0.29057	7.62E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03
215	0.23613	7.62E-03	1.8E-03	1.05E-03	1.88E-06	8.61E-04	1.62E-09	1.0E+06	1.6E-03
216	0.27702	7.62E-03	2.1E-03	1.05E-03	2.20E-06	8.61E-04	1.90E-09	1.0E+06	1.9E-03
217	0.32439	7.62E-03	2.5E-03	1.05E-03	2.58E-06	8.61E-04	2.22E-09	1.0E+06	2.2E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
218	0.36	7.62E-03	2.7E-03	1.05E-03	2.87E-06	8.61E-04	2.47E-09	1.0E+06	2.5E-03
219	0.43643	7.62E-03	3.3E-03	1.05E-03	3.47E-06	8.61E-04	2.99E-09	1.0E+06	3.0E-03
220	0.39169	7.62E-03	3.0E-03	1.05E-03	3.12E-06	8.61E-04	2.68E-09	1.0E+06	2.7E-03
221	0.46998	7.62E-03	3.6E-03	1.05E-03	3.74E-06	8.61E-04	3.22E-09	1.0E+06	3.2E-03
222	0.41022	7.62E-03	3.1E-03	1.05E-03	3.27E-06	8.61E-04	2.81E-09	1.0E+06	2.8E-03
223	0.48697	7.62E-03	3.7E-03	1.05E-03	3.88E-06	8.61E-04	3.34E-09	1.0E+06	3.3E-03
224	0.59137	7.62E-03	4.5E-03	1.05E-03	4.71E-06	8.61E-04	4.05E-09	1.0E+06	4.1E-03
225	0.48249	7.62E-03	3.7E-03	1.05E-03	3.84E-06	8.61E-04	3.31E-09	1.0E+06	3.3E-03
226	0.56777	7.62E-03	4.3E-03	1.05E-03	4.52E-06	8.61E-04	3.89E-09	1.0E+06	3.9E-03
227	0.23355	7.62E-03	1.8E-03	1.05E-03	1.86E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03
228	0.20197	7.62E-03	1.5E-03	1.05E-03	1.61E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
229	0.17615	7.62E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
230	0.15485	7.62E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
231	0.20348	7.62E-03	1.5E-03	1.05E-03	1.62E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03
232	0.17835	7.62E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03
233	0.15736	7.62E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
234	0.13974	7.62E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.58E-10	1.0E+06	9.6E-04
235	0.17833	7.62E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03
236	0.15822	7.62E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
237	0.14108	7.62E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.67E-10	1.0E+06	9.7E-04
238	0.12644	7.62E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.67E-10	1.0E+06	8.7E-04
239	2.22163	7.62E-03	1.7E-02	1.05E-03	1.77E-05	8.61E-04	1.52E-08	1.0E+06	1.5E-02
240	2.06114	7.62E-03	1.6E-02	1.05E-03	1.64E-05	8.61E-04	1.41E-08	1.0E+06	1.4E-02
241	1.86961	7.62E-03	1.4E-02	1.05E-03	1.49E-05	8.61E-04	1.28E-08	1.0E+06	1.3E-02
242	1.66802	7.62E-03	1.3E-02	1.05E-03	1.33E-05	8.61E-04	1.14E-08	1.0E+06	1.1E-02
243	1.70554	7.62E-03	1.3E-02	1.05E-03	1.36E-05	8.61E-04	1.17E-08	1.0E+06	1.2E-02
244	1.5936	7.62E-03	1.2E-02	1.05E-03	1.27E-05	8.61E-04	1.09E-08	1.0E+06	1.1E-02
245	1.46293	7.62E-03	1.1E-02	1.05E-03	1.16E-05	8.61E-04	1.00E-08	1.0E+06	1.0E-02
246	1.3252	7.62E-03	1.0E-02	1.05E-03	1.05E-05	8.61E-04	9.08E-09	1.0E+06	9.1E-03
247	1.34955	7.62E-03	1.0E-02	1.05E-03	1.07E-05	8.61E-04	9.25E-09	1.0E+06	9.2E-03
248	1.26835	7.62E-03	9.7E-03	1.05E-03	1.01E-05	8.61E-04	8.69E-09	1.0E+06	8.7E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
249	1.17509	7.62E-03	8.9E-03	1.05E-03	9.35E-06	8.61E-04	8.05E-09	1.0E+06	8.1E-03
250	1.07675	7.62E-03	8.2E-03	1.05E-03	8.57E-06	8.61E-04	7.38E-09	1.0E+06	7.4E-03
251	0.48411	7.62E-03	3.7E-03	1.05E-03	3.85E-06	8.61E-04	3.32E-09	1.0E+06	3.3E-03
252	0.45239	7.62E-03	3.4E-03	1.05E-03	3.60E-06	8.61E-04	3.10E-09	1.0E+06	3.1E-03
253	0.50717	7.62E-03	3.9E-03	1.05E-03	4.04E-06	8.61E-04	3.48E-09	1.0E+06	3.5E-03
254	0.47985	7.62E-03	3.7E-03	1.05E-03	3.82E-06	8.61E-04	3.29E-09	1.0E+06	3.3E-03
255	0.42596	7.62E-03	3.2E-03	1.05E-03	3.39E-06	8.61E-04	2.92E-09	1.0E+06	2.9E-03
256	0.40027	7.62E-03	3.0E-03	1.05E-03	3.19E-06	8.61E-04	2.74E-09	1.0E+06	2.7E-03
257	0.32965	7.62E-03	2.5E-03	1.05E-03	2.62E-06	8.61E-04	2.26E-09	1.0E+06	2.3E-03
258	0.44403	7.62E-03	3.4E-03	1.05E-03	3.53E-06	8.61E-04	3.04E-09	1.0E+06	3.0E-03
259	0.42167	7.62E-03	3.2E-03	1.05E-03	3.36E-06	8.61E-04	2.89E-09	1.0E+06	2.9E-03
260	0.39932	7.62E-03	3.0E-03	1.05E-03	3.18E-06	8.61E-04	2.74E-09	1.0E+06	2.7E-03
261	0.37753	7.62E-03	2.9E-03	1.05E-03	3.00E-06	8.61E-04	2.59E-09	1.0E+06	2.6E-03
262	0.35648	7.62E-03	2.7E-03	1.05E-03	2.84E-06	8.61E-04	2.44E-09	1.0E+06	2.4E-03
263	0.2981	7.62E-03	2.3E-03	1.05E-03	2.37E-06	8.61E-04	2.04E-09	1.0E+06	2.0E-03
264	0.37342	7.62E-03	2.8E-03	1.05E-03	2.97E-06	8.61E-04	2.56E-09	1.0E+06	2.6E-03
265	0.35494	7.62E-03	2.7E-03	1.05E-03	2.83E-06	8.61E-04	2.43E-09	1.0E+06	2.4E-03
266	0.33687	7.62E-03	2.6E-03	1.05E-03	2.68E-06	8.61E-04	2.31E-09	1.0E+06	2.3E-03
267	0.31938	7.62E-03	2.4E-03	1.05E-03	2.54E-06	8.61E-04	2.19E-09	1.0E+06	2.2E-03
268	0.27073	7.62E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.86E-09	1.0E+06	1.9E-03
269	0.61165	7.62E-03	4.7E-03	1.05E-03	4.87E-06	8.61E-04	4.19E-09	1.0E+06	4.2E-03
270	0.48384	7.62E-03	3.7E-03	1.05E-03	3.85E-06	8.61E-04	3.32E-09	1.0E+06	3.3E-03
271	0.39085	7.62E-03	3.0E-03	1.05E-03	3.11E-06	8.61E-04	2.68E-09	1.0E+06	2.7E-03
272	0.3216	7.62E-03	2.4E-03	1.05E-03	2.56E-06	8.61E-04	2.20E-09	1.0E+06	2.2E-03
273	0.26893	7.62E-03	2.0E-03	1.05E-03	2.14E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03
274	0.22814	7.62E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03
275	0.19599	7.62E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
276	0.53069	7.62E-03	4.0E-03	1.05E-03	4.22E-06	8.61E-04	3.64E-09	1.0E+06	3.6E-03
277	0.42196	7.62E-03	3.2E-03	1.05E-03	3.36E-06	8.61E-04	2.89E-09	1.0E+06	2.9E-03
278	0.34305	7.62E-03	2.6E-03	1.05E-03	2.73E-06	8.61E-04	2.35E-09	1.0E+06	2.4E-03
279	0.28421	7.62E-03	2.2E-03	1.05E-03	2.26E-06	8.61E-04	1.95E-09	1.0E+06	1.9E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.23932	7.62E-03	1.8E-03	1.05E-03	1.90E-06	8.61E-04	1.64E-09	1.0E+06	1.6E-03
281	0.20439	7.62E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
282	0.17671	7.62E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
283	0.45114	7.62E-03	3.4E-03	1.05E-03	3.59E-06	8.61E-04	3.09E-09	1.0E+06	3.1E-03
284	0.36327	7.62E-03	2.8E-03	1.05E-03	2.89E-06	8.61E-04	2.49E-09	1.0E+06	2.5E-03
285	0.29876	7.62E-03	2.3E-03	1.05E-03	2.38E-06	8.61E-04	2.05E-09	1.0E+06	2.0E-03
286	0.25008	7.62E-03	1.9E-03	1.05E-03	1.99E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03
287	0.21253	7.62E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
288	0.18301	7.62E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.25E-09	1.0E+06	1.3E-03
289	0.1594	7.62E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
290	0.38278	7.62E-03	2.9E-03	1.05E-03	3.05E-06	8.61E-04	2.62E-09	1.0E+06	2.6E-03
291	0.31303	7.62E-03	2.4E-03	1.05E-03	2.49E-06	8.61E-04	2.15E-09	1.0E+06	2.1E-03
292	0.26083	7.62E-03	2.0E-03	1.05E-03	2.08E-06	8.61E-04	1.79E-09	1.0E+06	1.8E-03
293	0.2208	7.62E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
294	0.18948	7.62E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
295	0.16455	7.62E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
296	0.14439	7.62E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.90E-10	1.0E+06	9.9E-04
297	0.32796	7.62E-03	2.5E-03	1.05E-03	2.61E-06	8.61E-04	2.25E-09	1.0E+06	2.2E-03
298	0.27223	7.62E-03	2.1E-03	1.05E-03	2.17E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03
299	0.22967	7.62E-03	1.7E-03	1.05E-03	1.83E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03
300	0.1965	7.62E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03
301	0.17018	7.62E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
302	0.14895	7.62E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
303	0.13161	7.62E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.02E-10	1.0E+06	9.0E-04
304	0.28434	7.62E-03	2.2E-03	1.05E-03	2.26E-06	8.61E-04	1.95E-09	1.0E+06	1.9E-03
305	0.23926	7.62E-03	1.8E-03	1.05E-03	1.90E-06	8.61E-04	1.64E-09	1.0E+06	1.6E-03
306	0.20419	7.62E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
307	0.17639	7.62E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
308	0.15404	7.62E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
309	0.1358	7.62E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.31E-10	1.0E+06	9.3E-04
310	0.12074	7.62E-03	9.2E-04	1.05E-03	9.61E-07	8.61E-04	8.28E-10	1.0E+06	8.3E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.24894	7.62E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03
312	0.21211	7.62E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.45E-09	1.0E+06	1.5E-03
313	0.18295	7.62E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.25E-09	1.0E+06	1.3E-03
314	0.15948	7.62E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
315	0.14034	7.62E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.62E-10	1.0E+06	9.6E-04
316	0.12456	7.62E-03	9.5E-04	1.05E-03	9.91E-07	8.61E-04	8.54E-10	1.0E+06	8.5E-04
317	0.1114	7.62E-03	8.5E-04	1.05E-03	8.87E-07	8.61E-04	7.63E-10	1.0E+06	7.6E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Grading Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	7.54E-05
2	5	7.88E-05
3	5	7.97E-05
4	5	1.10E-04
5	5	1.17E-04
6	5	1.23E-04
7	5	1.30E-04
8	5	1.36E-04
9	5	1.43E-04
10	5	1.49E-04
11	5	1.55E-04
12	5	1.60E-04
13	5	1.66E-04
14	5	1.73E-04
15	5	1.79E-04
16	5	1.88E-04
17	5	1.98E-04
18	5	2.10E-04
19	5	2.25E-04
20	5	2.42E-04
21	5	2.60E-04
22	5	2.78E-04
23	5	2.94E-04
24	5	3.09E-04
25	5	3.20E-04
26	5	8.07E-05
27	5	8.45E-05
28	5	8.58E-05
29	5	1.21E-04
30	5	1.29E-04
31	5	1.37E-04

Max	Receptor #
0.003	239



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	1.45E-04
33	5	1.53E-04
34	5	1.61E-04
35	5	1.69E-04
36	5	1.76E-04
37	5	1.84E-04
38	5	1.92E-04
39	5	2.00E-04
40	5	2.09E-04
41	5	2.20E-04
42	5	2.33E-04
43	5	2.49E-04
44	5	2.69E-04
45	5	2.91E-04
46	5	3.14E-04
47	5	3.35E-04
48	5	3.54E-04
49	5	3.69E-04
50	5	3.77E-04
51	5	8.64E-05
52	5	9.08E-05
53	5	9.25E-05
54	5	1.33E-04
55	5	1.42E-04
56	5	1.52E-04
57	5	1.63E-04
58	5	1.73E-04
59	5	1.84E-04
60	5	1.94E-04
61	5	2.04E-04
62	5	2.14E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	2.24E-04
64	5	2.34E-04
65	5	2.46E-04
66	5	2.61E-04
67	5	2.79E-04
68	5	3.02E-04
69	5	3.29E-04
70	5	3.57E-04
71	5	3.86E-04
72	5	4.11E-04
73	5	4.30E-04
74	5	4.42E-04
75	5	4.46E-04
76	5	9.25E-05
77	5	9.77E-05
78	5	1.00E-04
79	5	1.48E-04
80	5	1.59E-04
81	5	1.71E-04
82	5	1.84E-04
83	5	1.98E-04
84	5	2.12E-04
85	5	2.25E-04
86	5	2.40E-04
87	5	2.53E-04
88	5	2.66E-04
89	5	2.79E-04
90	5	2.95E-04
91	5	3.16E-04
92	5	3.42E-04
93	5	3.74E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	4.10E-04
95	5	4.48E-04
96	5	4.82E-04
97	5	5.09E-04
98	5	5.25E-04
99	5	5.30E-04
100	5	5.24E-04
101	5	9.90E-05
102	5	1.05E-04
103	5	1.08E-04
104	5	1.65E-04
105	5	1.78E-04
106	5	1.93E-04
107	5	2.10E-04
108	5	2.28E-04
109	5	2.46E-04
110	5	2.65E-04
111	5	2.86E-04
112	5	3.03E-04
113	5	3.21E-04
114	5	3.39E-04
115	5	3.62E-04
116	5	3.91E-04
117	5	4.29E-04
118	5	4.75E-04
119	5	5.25E-04
120	5	5.73E-04
121	5	6.11E-04
122	5	6.35E-04
123	5	6.42E-04
124	5	6.33E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.06E-04
126	5	1.13E-04
127	5	1.17E-04
128	5	2.02E-04
129	5	2.20E-04
130	5	2.41E-04
131	5	2.65E-04
132	5	2.90E-04
133	5	3.18E-04
134	5	3.45E-04
135	5	3.70E-04
136	5	3.95E-04
137	5	4.22E-04
138	5	4.55E-04
139	5	4.98E-04
140	5	5.55E-04
141	5	6.23E-04
142	5	6.91E-04
143	5	7.48E-04
144	5	7.84E-04
145	5	7.94E-04
146	5	7.80E-04
147	5	1.13E-04
148	5	1.21E-04
149	5	1.27E-04
150	5	2.29E-04
151	5	2.53E-04
152	5	2.81E-04
153	5	3.12E-04
154	5	3.47E-04
155	5	3.88E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	4.26E-04
157	5	4.63E-04
158	5	5.00E-04
159	5	5.41E-04
160	5	5.90E-04
161	5	6.58E-04
162	5	7.48E-04
163	5	8.46E-04
164	5	9.34E-04
165	5	9.91E-04
166	5	1.01E-03
167	5	9.86E-04
168	5	9.33E-04
169	5	1.21E-04
170	5	1.30E-04
171	5	1.38E-04
172	5	1.46E-04
173	5	2.63E-04
174	5	2.94E-04
175	5	3.30E-04
176	5	3.72E-04
177	5	4.22E-04
178	5	4.80E-04
179	5	5.38E-04
180	5	5.97E-04
181	5	6.55E-04
182	5	7.18E-04
183	5	1.32E-03
184	5	1.29E-03
185	5	1.39E-04
186	5	1.49E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	1.59E-04
188	5	3.02E-04
189	5	3.43E-04
190	5	3.92E-04
191	5	4.51E-04
192	5	5.26E-04
193	5	6.10E-04
194	5	7.02E-04
195	5	7.97E-04
196	5	8.93E-04
197	5	9.99E-04
198	5	1.60E-04
199	5	1.73E-04
200	5	1.71E-04
201	5	1.87E-04
202	5	2.04E-04
203	5	2.01E-04
204	5	2.24E-04
205	5	2.48E-04
206	5	2.42E-04
207	5	2.72E-04
208	5	3.08E-04
209	5	2.62E-04
210	5	3.00E-04
211	5	3.41E-04
212	5	3.28E-04
213	5	3.82E-04
214	5	4.43E-04
215	5	3.60E-04
216	5	4.22E-04
217	5	4.94E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	5.48E-04
219	5	6.65E-04
220	5	5.97E-04
221	5	7.16E-04
222	5	6.25E-04
223	5	7.42E-04
224	5	9.01E-04
225	5	7.35E-04
226	5	8.65E-04
227	5	3.56E-04
228	5	3.08E-04
229	5	2.68E-04
230	5	2.36E-04
231	5	3.10E-04
232	5	2.72E-04
233	5	2.40E-04
234	5	2.13E-04
235	5	2.72E-04
236	5	2.41E-04
237	5	2.15E-04
238	5	1.93E-04
239	5	3.38E-03
240	5	3.14E-03
241	5	2.85E-03
242	5	2.54E-03
243	5	2.60E-03
244	5	2.43E-03
245	5	2.23E-03
246	5	2.02E-03
247	5	2.06E-03
248	5	1.93E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	1.79E-03
250	5	1.64E-03
251	5	7.37E-04
252	5	6.89E-04
253	5	7.72E-04
254	5	7.31E-04
255	5	6.49E-04
256	5	6.10E-04
257	5	5.02E-04
258	5	6.76E-04
259	5	6.42E-04
260	5	6.08E-04
261	5	5.75E-04
262	5	5.43E-04
263	5	4.54E-04
264	5	5.69E-04
265	5	5.41E-04
266	5	5.13E-04
267	5	4.86E-04
268	5	4.12E-04
269	5	9.32E-04
270	5	7.37E-04
271	5	5.95E-04
272	5	4.90E-04
273	5	4.10E-04
274	5	3.47E-04
275	5	2.99E-04
276	5	8.08E-04
277	5	6.43E-04
278	5	5.22E-04
279	5	4.33E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	3.64E-04
281	5	3.11E-04
282	5	2.69E-04
283	5	6.87E-04
284	5	5.53E-04
285	5	4.55E-04
286	5	3.81E-04
287	5	3.24E-04
288	5	2.79E-04
289	5	2.43E-04
290	5	5.83E-04
291	5	4.77E-04
292	5	3.97E-04
293	5	3.36E-04
294	5	2.89E-04
295	5	2.51E-04
296	5	2.20E-04
297	5	5.00E-04
298	5	4.15E-04
299	5	3.50E-04
300	5	2.99E-04
301	5	2.59E-04
302	5	2.27E-04
303	5	2.00E-04
304	5	4.33E-04
305	5	3.64E-04
306	5	3.11E-04
307	5	2.69E-04
308	5	2.35E-04
309	5	2.07E-04
310	5	1.84E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	3.79E-04
312	5	3.23E-04
313	5	2.79E-04
314	5	2.43E-04
315	5	2.14E-04
316	5	1.90E-04
317	5	1.70E-04

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Parcel 6-F: Unmitigated - Parcel 6 - Building Construction Risk



**RINCON CONSULTANTS, INC.**  
Environmental Scientists | Planners | Engineers  
[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05089	6.48E-03	3.3E-04	1.05E-03	3.45E-07	8.61E-04	2.97E-10	1.0E+06	3.0E-04
2	0.05322	6.48E-03	3.5E-04	1.05E-03	3.61E-07	8.61E-04	3.10E-10	1.0E+06	3.1E-04
3	0.05396	6.48E-03	3.5E-04	1.05E-03	3.66E-07	8.61E-04	3.15E-10	1.0E+06	3.1E-04
4	0.07507	6.48E-03	4.9E-04	1.05E-03	5.09E-07	8.61E-04	4.38E-10	1.0E+06	4.4E-04
5	0.0795	6.48E-03	5.2E-04	1.05E-03	5.39E-07	8.61E-04	4.64E-10	1.0E+06	4.6E-04
6	0.08407	6.48E-03	5.4E-04	1.05E-03	5.70E-07	8.61E-04	4.90E-10	1.0E+06	4.9E-04
7	0.08865	6.48E-03	5.7E-04	1.05E-03	6.01E-07	8.61E-04	5.17E-10	1.0E+06	5.2E-04
8	0.09316	6.48E-03	6.0E-04	1.05E-03	6.31E-07	8.61E-04	5.44E-10	1.0E+06	5.4E-04
9	0.09752	6.48E-03	6.3E-04	1.05E-03	6.61E-07	8.61E-04	5.69E-10	1.0E+06	5.7E-04
10	0.10169	6.48E-03	6.6E-04	1.05E-03	6.89E-07	8.61E-04	5.93E-10	1.0E+06	5.9E-04
11	0.10567	6.48E-03	6.9E-04	1.05E-03	7.16E-07	8.61E-04	6.17E-10	1.0E+06	6.2E-04
12	0.10959	6.48E-03	7.1E-04	1.05E-03	7.43E-07	8.61E-04	6.39E-10	1.0E+06	6.4E-04
13	0.11382	6.48E-03	7.4E-04	1.05E-03	7.71E-07	8.61E-04	6.64E-10	1.0E+06	6.6E-04
14	0.1181	6.48E-03	7.7E-04	1.05E-03	8.00E-07	8.61E-04	6.89E-10	1.0E+06	6.9E-04
15	0.12287	6.48E-03	8.0E-04	1.05E-03	8.33E-07	8.61E-04	7.17E-10	1.0E+06	7.2E-04
16	0.1288	6.48E-03	8.3E-04	1.05E-03	8.73E-07	8.61E-04	7.51E-10	1.0E+06	7.5E-04
17	0.13618	6.48E-03	8.8E-04	1.05E-03	9.23E-07	8.61E-04	7.95E-10	1.0E+06	7.9E-04
18	0.14514	6.48E-03	9.4E-04	1.05E-03	9.83E-07	8.61E-04	8.47E-10	1.0E+06	8.5E-04
19	0.15584	6.48E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.09E-10	1.0E+06	9.1E-04
20	0.16786	6.48E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.79E-10	1.0E+06	9.8E-04
21	0.1805	6.48E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03
22	0.19289	6.48E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
23	0.2041	6.48E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
24	0.21328	6.48E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
25	0.21976	6.48E-03	1.4E-03	1.05E-03	1.49E-06	8.61E-04	1.28E-09	1.0E+06	1.3E-03
26	0.05451	6.48E-03	3.5E-04	1.05E-03	3.69E-07	8.61E-04	3.18E-10	1.0E+06	3.2E-04
27	0.05718	6.48E-03	3.7E-04	1.05E-03	3.87E-07	8.61E-04	3.34E-10	1.0E+06	3.3E-04
28	0.05811	6.48E-03	3.8E-04	1.05E-03	3.94E-07	8.61E-04	3.39E-10	1.0E+06	3.4E-04
29	0.08252	6.48E-03	5.3E-04	1.05E-03	5.59E-07	8.61E-04	4.81E-10	1.0E+06	4.8E-04
30	0.08786	6.48E-03	5.7E-04	1.05E-03	5.95E-07	8.61E-04	5.13E-10	1.0E+06	5.1E-04
31	0.09349	6.48E-03	6.1E-04	1.05E-03	6.33E-07	8.61E-04	5.45E-10	1.0E+06	5.5E-04

<b>Max</b>	<b>Receptor #</b>
0.010	239

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.09926	6.48E-03	6.4E-04	1.05E-03	6.73E-07	8.61E-04	5.79E-10	1.0E+06	5.8E-04
33	0.10499	6.48E-03	6.8E-04	1.05E-03	7.11E-07	8.61E-04	6.13E-10	1.0E+06	6.1E-04
34	0.11058	6.48E-03	7.2E-04	1.05E-03	7.49E-07	8.61E-04	6.45E-10	1.0E+06	6.5E-04
35	0.11596	6.48E-03	7.5E-04	1.05E-03	7.86E-07	8.61E-04	6.77E-10	1.0E+06	6.8E-04
36	0.12109	6.48E-03	7.8E-04	1.05E-03	8.20E-07	8.61E-04	7.06E-10	1.0E+06	7.1E-04
37	0.12642	6.48E-03	8.2E-04	1.05E-03	8.57E-07	8.61E-04	7.38E-10	1.0E+06	7.4E-04
38	0.13185	6.48E-03	8.5E-04	1.05E-03	8.93E-07	8.61E-04	7.69E-10	1.0E+06	7.7E-04
39	0.13715	6.48E-03	8.9E-04	1.05E-03	9.29E-07	8.61E-04	8.00E-10	1.0E+06	8.0E-04
40	0.14335	6.48E-03	9.3E-04	1.05E-03	9.71E-07	8.61E-04	8.36E-10	1.0E+06	8.4E-04
41	0.1513	6.48E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.83E-10	1.0E+06	8.8E-04
42	0.16111	6.48E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.40E-10	1.0E+06	9.4E-04
43	0.17327	6.48E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
44	0.18759	6.48E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
45	0.20326	6.48E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
46	0.21909	6.48E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.28E-09	1.0E+06	1.3E-03
47	0.23373	6.48E-03	1.5E-03	1.05E-03	1.58E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03
48	0.24587	6.48E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03
49	0.25449	6.48E-03	1.6E-03	1.05E-03	1.72E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03
50	0.25895	6.48E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
51	0.05842	6.48E-03	3.8E-04	1.05E-03	3.96E-07	8.61E-04	3.41E-10	1.0E+06	3.4E-04
52	0.06153	6.48E-03	4.0E-04	1.05E-03	4.17E-07	8.61E-04	3.59E-10	1.0E+06	3.6E-04
53	0.06276	6.48E-03	4.1E-04	1.05E-03	4.25E-07	8.61E-04	3.66E-10	1.0E+06	3.7E-04
54	0.09119	6.48E-03	5.9E-04	1.05E-03	6.18E-07	8.61E-04	5.32E-10	1.0E+06	5.3E-04
55	0.09762	6.48E-03	6.3E-04	1.05E-03	6.61E-07	8.61E-04	5.70E-10	1.0E+06	5.7E-04
56	0.10456	6.48E-03	6.8E-04	1.05E-03	7.08E-07	8.61E-04	6.10E-10	1.0E+06	6.1E-04
57	0.11185	6.48E-03	7.3E-04	1.05E-03	7.58E-07	8.61E-04	6.53E-10	1.0E+06	6.5E-04
58	0.11923	6.48E-03	7.7E-04	1.05E-03	8.08E-07	8.61E-04	6.96E-10	1.0E+06	7.0E-04
59	0.12656	6.48E-03	8.2E-04	1.05E-03	8.58E-07	8.61E-04	7.38E-10	1.0E+06	7.4E-04
60	0.13366	6.48E-03	8.7E-04	1.05E-03	9.06E-07	8.61E-04	7.80E-10	1.0E+06	7.8E-04
61	0.14044	6.48E-03	9.1E-04	1.05E-03	9.52E-07	8.61E-04	8.19E-10	1.0E+06	8.2E-04
62	0.14764	6.48E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.61E-10	1.0E+06	8.6E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.15452	6.48E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.02E-10	1.0E+06	9.0E-04
64	0.16149	6.48E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.42E-10	1.0E+06	9.4E-04
65	0.16978	6.48E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.91E-10	1.0E+06	9.9E-04
66	0.18063	6.48E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03
67	0.19415	6.48E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
68	0.21097	6.48E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
69	0.23036	6.48E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
70	0.25078	6.48E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
71	0.27022	6.48E-03	1.8E-03	1.05E-03	1.83E-06	8.61E-04	1.58E-09	1.0E+06	1.6E-03
72	0.28666	6.48E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03
73	0.29842	6.48E-03	1.9E-03	1.05E-03	2.02E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03
74	0.30448	6.48E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
75	0.30458	6.48E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
76	0.06262	6.48E-03	4.1E-04	1.05E-03	4.24E-07	8.61E-04	3.65E-10	1.0E+06	3.7E-04
77	0.06625	6.48E-03	4.3E-04	1.05E-03	4.49E-07	8.61E-04	3.87E-10	1.0E+06	3.9E-04
78	0.06796	6.48E-03	4.4E-04	1.05E-03	4.60E-07	8.61E-04	3.96E-10	1.0E+06	4.0E-04
79	0.10137	6.48E-03	6.6E-04	1.05E-03	6.87E-07	8.61E-04	5.91E-10	1.0E+06	5.9E-04
80	0.10914	6.48E-03	7.1E-04	1.05E-03	7.39E-07	8.61E-04	6.37E-10	1.0E+06	6.4E-04
81	0.1177	6.48E-03	7.6E-04	1.05E-03	7.97E-07	8.61E-04	6.87E-10	1.0E+06	6.9E-04
82	0.12693	6.48E-03	8.2E-04	1.05E-03	8.60E-07	8.61E-04	7.41E-10	1.0E+06	7.4E-04
83	0.13659	6.48E-03	8.9E-04	1.05E-03	9.25E-07	8.61E-04	7.97E-10	1.0E+06	8.0E-04
84	0.14635	6.48E-03	9.5E-04	1.05E-03	9.92E-07	8.61E-04	8.54E-10	1.0E+06	8.5E-04
85	0.15592	6.48E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.10E-10	1.0E+06	9.1E-04
86	0.16586	6.48E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.68E-10	1.0E+06	9.7E-04
87	0.17522	6.48E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
88	0.18393	6.48E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
89	0.19334	6.48E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
90	0.20485	6.48E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
91	0.21991	6.48E-03	1.4E-03	1.05E-03	1.49E-06	8.61E-04	1.28E-09	1.0E+06	1.3E-03
92	0.23922	6.48E-03	1.6E-03	1.05E-03	1.62E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
93	0.26296	6.48E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.53E-09	1.0E+06	1.5E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
94	0.2894	6.48E-03	1.9E-03	1.05E-03	1.96E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
95	0.31566	6.48E-03	2.0E-03	1.05E-03	2.14E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03
96	0.33848	6.48E-03	2.2E-03	1.05E-03	2.29E-06	8.61E-04	1.97E-09	1.0E+06	2.0E-03
97	0.35504	6.48E-03	2.3E-03	1.05E-03	2.41E-06	8.61E-04	2.07E-09	1.0E+06	2.1E-03
98	0.36357	6.48E-03	2.4E-03	1.05E-03	2.46E-06	8.61E-04	2.12E-09	1.0E+06	2.1E-03
99	0.36359	6.48E-03	2.4E-03	1.05E-03	2.46E-06	8.61E-04	2.12E-09	1.0E+06	2.1E-03
100	0.35579	6.48E-03	2.3E-03	1.05E-03	2.41E-06	8.61E-04	2.08E-09	1.0E+06	2.1E-03
101	0.06711	6.48E-03	4.4E-04	1.05E-03	4.55E-07	8.61E-04	3.92E-10	1.0E+06	3.9E-04
102	0.07134	6.48E-03	4.6E-04	1.05E-03	4.83E-07	8.61E-04	4.16E-10	1.0E+06	4.2E-04
103	0.0737	6.48E-03	4.8E-04	1.05E-03	4.99E-07	8.61E-04	4.30E-10	1.0E+06	4.3E-04
104	0.1134	6.48E-03	7.4E-04	1.05E-03	7.68E-07	8.61E-04	6.62E-10	1.0E+06	6.6E-04
105	0.12288	6.48E-03	8.0E-04	1.05E-03	8.33E-07	8.61E-04	7.17E-10	1.0E+06	7.2E-04
106	0.13351	6.48E-03	8.7E-04	1.05E-03	9.05E-07	8.61E-04	7.79E-10	1.0E+06	7.8E-04
107	0.1453	6.48E-03	9.4E-04	1.05E-03	9.85E-07	8.61E-04	8.48E-10	1.0E+06	8.5E-04
108	0.15802	6.48E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.22E-10	1.0E+06	9.2E-04
109	0.17121	6.48E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.99E-10	1.0E+06	1.0E-03
110	0.1846	6.48E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
111	0.19876	6.48E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
112	0.21103	6.48E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
113	0.22309	6.48E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
114	0.23619	6.48E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
115	0.25252	6.48E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03
116	0.27399	6.48E-03	1.8E-03	1.05E-03	1.86E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03
117	0.30252	6.48E-03	2.0E-03	1.05E-03	2.05E-06	8.61E-04	1.76E-09	1.0E+06	1.8E-03
118	0.33678	6.48E-03	2.2E-03	1.05E-03	2.28E-06	8.61E-04	1.96E-09	1.0E+06	2.0E-03
119	0.37286	6.48E-03	2.4E-03	1.05E-03	2.53E-06	8.61E-04	2.18E-09	1.0E+06	2.2E-03
120	0.4054	6.48E-03	2.6E-03	1.05E-03	2.75E-06	8.61E-04	2.37E-09	1.0E+06	2.4E-03
121	0.42958	6.48E-03	2.8E-03	1.05E-03	2.91E-06	8.61E-04	2.51E-09	1.0E+06	2.5E-03
122	0.44212	6.48E-03	2.9E-03	1.05E-03	3.00E-06	8.61E-04	2.58E-09	1.0E+06	2.6E-03
123	0.44209	6.48E-03	2.9E-03	1.05E-03	3.00E-06	8.61E-04	2.58E-09	1.0E+06	2.6E-03
124	0.43062	6.48E-03	2.8E-03	1.05E-03	2.92E-06	8.61E-04	2.51E-09	1.0E+06	2.5E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
125	0.07185	6.48E-03	4.7E-04	1.05E-03	4.87E-07	8.61E-04	4.19E-10	1.0E+06	4.2E-04
126	0.07676	6.48E-03	5.0E-04	1.05E-03	5.20E-07	8.61E-04	4.48E-10	1.0E+06	4.5E-04
127	0.07989	6.48E-03	5.2E-04	1.05E-03	5.41E-07	8.61E-04	4.66E-10	1.0E+06	4.7E-04
128	0.13941	6.48E-03	9.0E-04	1.05E-03	9.45E-07	8.61E-04	8.13E-10	1.0E+06	8.1E-04
129	0.15276	6.48E-03	9.9E-04	1.05E-03	1.04E-06	8.61E-04	8.91E-10	1.0E+06	8.9E-04
130	0.16796	6.48E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.80E-10	1.0E+06	9.8E-04
131	0.18484	6.48E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
132	0.20295	6.48E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
133	0.2225	6.48E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
134	0.24182	6.48E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
135	0.25944	6.48E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
136	0.27674	6.48E-03	1.8E-03	1.05E-03	1.88E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03
137	0.29562	6.48E-03	1.9E-03	1.05E-03	2.00E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03
138	0.31986	6.48E-03	2.1E-03	1.05E-03	2.17E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03
139	0.35199	6.48E-03	2.3E-03	1.05E-03	2.38E-06	8.61E-04	2.05E-09	1.0E+06	2.1E-03
140	0.39527	6.48E-03	2.6E-03	1.05E-03	2.68E-06	8.61E-04	2.31E-09	1.0E+06	2.3E-03
141	0.44504	6.48E-03	2.9E-03	1.05E-03	3.02E-06	8.61E-04	2.60E-09	1.0E+06	2.6E-03
142	0.49295	6.48E-03	3.2E-03	1.05E-03	3.34E-06	8.61E-04	2.88E-09	1.0E+06	2.9E-03
143	0.53	6.48E-03	3.4E-03	1.05E-03	3.59E-06	8.61E-04	3.09E-09	1.0E+06	3.1E-03
144	0.54952	6.48E-03	3.6E-03	1.05E-03	3.72E-06	8.61E-04	3.21E-09	1.0E+06	3.2E-03
145	0.54958	6.48E-03	3.6E-03	1.05E-03	3.72E-06	8.61E-04	3.21E-09	1.0E+06	3.2E-03
146	0.53222	6.48E-03	3.5E-03	1.05E-03	3.61E-06	8.61E-04	3.11E-09	1.0E+06	3.1E-03
147	0.07681	6.48E-03	5.0E-04	1.05E-03	5.20E-07	8.61E-04	4.48E-10	1.0E+06	4.5E-04
148	0.08251	6.48E-03	5.3E-04	1.05E-03	5.59E-07	8.61E-04	4.81E-10	1.0E+06	4.8E-04
149	0.08676	6.48E-03	5.6E-04	1.05E-03	5.88E-07	8.61E-04	5.06E-10	1.0E+06	5.1E-04
150	0.15937	6.48E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.30E-10	1.0E+06	9.3E-04
151	0.17642	6.48E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
152	0.1962	6.48E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
153	0.2189	6.48E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.28E-09	1.0E+06	1.3E-03
154	0.24419	6.48E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03
155	0.27349	6.48E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.30075	6.48E-03	1.9E-03	1.05E-03	2.04E-06	8.61E-04	1.75E-09	1.0E+06	1.8E-03
157	0.3271	6.48E-03	2.1E-03	1.05E-03	2.22E-06	8.61E-04	1.91E-09	1.0E+06	1.9E-03
158	0.35302	6.48E-03	2.3E-03	1.05E-03	2.39E-06	8.61E-04	2.06E-09	1.0E+06	2.1E-03
159	0.38143	6.48E-03	2.5E-03	1.05E-03	2.58E-06	8.61E-04	2.23E-09	1.0E+06	2.2E-03
160	0.41803	6.48E-03	2.7E-03	1.05E-03	2.83E-06	8.61E-04	2.44E-09	1.0E+06	2.4E-03
161	0.46972	6.48E-03	3.0E-03	1.05E-03	3.18E-06	8.61E-04	2.74E-09	1.0E+06	2.7E-03
162	0.53766	6.48E-03	3.5E-03	1.05E-03	3.64E-06	8.61E-04	3.14E-09	1.0E+06	3.1E-03
163	0.60946	6.48E-03	4.0E-03	1.05E-03	4.13E-06	8.61E-04	3.56E-09	1.0E+06	3.6E-03
164	0.66861	6.48E-03	4.3E-03	1.05E-03	4.53E-06	8.61E-04	3.90E-09	1.0E+06	3.9E-03
165	0.70107	6.48E-03	4.5E-03	1.05E-03	4.75E-06	8.61E-04	4.09E-09	1.0E+06	4.1E-03
166	0.70196	6.48E-03	4.6E-03	1.05E-03	4.76E-06	8.61E-04	4.10E-09	1.0E+06	4.1E-03
167	0.6748	6.48E-03	4.4E-03	1.05E-03	4.57E-06	8.61E-04	3.94E-09	1.0E+06	3.9E-03
168	0.62777	6.48E-03	4.1E-03	1.05E-03	4.25E-06	8.61E-04	3.66E-09	1.0E+06	3.7E-03
169	0.08192	6.48E-03	5.3E-04	1.05E-03	5.55E-07	8.61E-04	4.78E-10	1.0E+06	4.8E-04
170	0.0885	6.48E-03	5.7E-04	1.05E-03	6.00E-07	8.61E-04	5.16E-10	1.0E+06	5.2E-04
171	0.09426	6.48E-03	6.1E-04	1.05E-03	6.39E-07	8.61E-04	5.50E-10	1.0E+06	5.5E-04
172	0.10007	6.48E-03	6.5E-04	1.05E-03	6.78E-07	8.61E-04	5.84E-10	1.0E+06	5.8E-04
173	0.18335	6.48E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
174	0.20566	6.48E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
175	0.23199	6.48E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.4E-03
176	0.26292	6.48E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.53E-09	1.0E+06	1.5E-03
177	0.29966	6.48E-03	1.9E-03	1.05E-03	2.03E-06	8.61E-04	1.75E-09	1.0E+06	1.7E-03
178	0.34214	6.48E-03	2.2E-03	1.05E-03	2.32E-06	8.61E-04	2.00E-09	1.0E+06	2.0E-03
179	0.3841	6.48E-03	2.5E-03	1.05E-03	2.60E-06	8.61E-04	2.24E-09	1.0E+06	2.2E-03
180	0.42576	6.48E-03	2.8E-03	1.05E-03	2.88E-06	8.61E-04	2.48E-09	1.0E+06	2.5E-03
181	0.46634	6.48E-03	3.0E-03	1.05E-03	3.16E-06	8.61E-04	2.72E-09	1.0E+06	2.7E-03
182	0.51097	6.48E-03	3.3E-03	1.05E-03	3.46E-06	8.61E-04	2.98E-09	1.0E+06	3.0E-03
183	0.92784	6.48E-03	6.0E-03	1.05E-03	6.29E-06	8.61E-04	5.41E-09	1.0E+06	5.4E-03
184	0.88338	6.48E-03	5.7E-03	1.05E-03	5.99E-06	8.61E-04	5.15E-09	1.0E+06	5.2E-03
185	0.09462	6.48E-03	6.1E-04	1.05E-03	6.41E-07	8.61E-04	5.52E-10	1.0E+06	5.5E-04
186	0.10201	6.48E-03	6.6E-04	1.05E-03	6.91E-07	8.61E-04	5.95E-10	1.0E+06	6.0E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
187	0.10888	6.48E-03	7.1E-04	1.05E-03	7.38E-07	8.61E-04	6.35E-10	1.0E+06	6.4E-04
188	0.21178	6.48E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
189	0.24155	6.48E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
190	0.27743	6.48E-03	1.8E-03	1.05E-03	1.88E-06	8.61E-04	1.62E-09	1.0E+06	1.6E-03
191	0.32086	6.48E-03	2.1E-03	1.05E-03	2.17E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03
192	0.37606	6.48E-03	2.4E-03	1.05E-03	2.55E-06	8.61E-04	2.19E-09	1.0E+06	2.2E-03
193	0.4387	6.48E-03	2.8E-03	1.05E-03	2.97E-06	8.61E-04	2.56E-09	1.0E+06	2.6E-03
194	0.50681	6.48E-03	3.3E-03	1.05E-03	3.43E-06	8.61E-04	2.96E-09	1.0E+06	3.0E-03
195	0.57623	6.48E-03	3.7E-03	1.05E-03	3.90E-06	8.61E-04	3.36E-09	1.0E+06	3.4E-03
196	0.64394	6.48E-03	4.2E-03	1.05E-03	4.36E-06	8.61E-04	3.76E-09	1.0E+06	3.8E-03
197	0.71968	6.48E-03	4.7E-03	1.05E-03	4.88E-06	8.61E-04	4.20E-09	1.0E+06	4.2E-03
198	0.10907	6.48E-03	7.1E-04	1.05E-03	7.39E-07	8.61E-04	6.36E-10	1.0E+06	6.4E-04
199	0.11867	6.48E-03	7.7E-04	1.05E-03	8.04E-07	8.61E-04	6.92E-10	1.0E+06	6.9E-04
200	0.11664	6.48E-03	7.6E-04	1.05E-03	7.90E-07	8.61E-04	6.81E-10	1.0E+06	6.8E-04
201	0.12849	6.48E-03	8.3E-04	1.05E-03	8.71E-07	8.61E-04	7.50E-10	1.0E+06	7.5E-04
202	0.14013	6.48E-03	9.1E-04	1.05E-03	9.49E-07	8.61E-04	8.18E-10	1.0E+06	8.2E-04
203	0.13793	6.48E-03	8.9E-04	1.05E-03	9.35E-07	8.61E-04	8.05E-10	1.0E+06	8.0E-04
204	0.15391	6.48E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.98E-10	1.0E+06	9.0E-04
205	0.17123	6.48E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.99E-10	1.0E+06	1.0E-03
206	0.167	6.48E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.74E-10	1.0E+06	9.7E-04
207	0.18823	6.48E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
208	0.21405	6.48E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.2E-03
209	0.18105	6.48E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
210	0.20755	6.48E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
211	0.2374	6.48E-03	1.5E-03	1.05E-03	1.61E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03
212	0.22783	6.48E-03	1.5E-03	1.05E-03	1.54E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03
213	0.26637	6.48E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.6E-03
214	0.31039	6.48E-03	2.0E-03	1.05E-03	2.10E-06	8.61E-04	1.81E-09	1.0E+06	1.8E-03
215	0.2503	6.48E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
216	0.29503	6.48E-03	1.9E-03	1.05E-03	2.00E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03
217	0.3473	6.48E-03	2.3E-03	1.05E-03	2.35E-06	8.61E-04	2.03E-09	1.0E+06	2.0E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
218	0.38517	6.48E-03	2.5E-03	1.05E-03	2.61E-06	8.61E-04	2.25E-09	1.0E+06	2.2E-03
219	0.46923	6.48E-03	3.0E-03	1.05E-03	3.18E-06	8.61E-04	2.74E-09	1.0E+06	2.7E-03
220	0.41673	6.48E-03	2.7E-03	1.05E-03	2.82E-06	8.61E-04	2.43E-09	1.0E+06	2.4E-03
221	0.50119	6.48E-03	3.2E-03	1.05E-03	3.40E-06	8.61E-04	2.92E-09	1.0E+06	2.9E-03
222	0.43179	6.48E-03	2.8E-03	1.05E-03	2.93E-06	8.61E-04	2.52E-09	1.0E+06	2.5E-03
223	0.51209	6.48E-03	3.3E-03	1.05E-03	3.47E-06	8.61E-04	2.99E-09	1.0E+06	3.0E-03
224	0.62011	6.48E-03	4.0E-03	1.05E-03	4.20E-06	8.61E-04	3.62E-09	1.0E+06	3.6E-03
225	0.49876	6.48E-03	3.2E-03	1.05E-03	3.38E-06	8.61E-04	2.91E-09	1.0E+06	2.9E-03
226	0.58314	6.48E-03	3.8E-03	1.05E-03	3.95E-06	8.61E-04	3.40E-09	1.0E+06	3.4E-03
227	0.21544	6.48E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03
228	0.18752	6.48E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
229	0.1645	6.48E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.60E-10	1.0E+06	9.6E-04
230	0.14535	6.48E-03	9.4E-04	1.05E-03	9.85E-07	8.61E-04	8.48E-10	1.0E+06	8.5E-04
231	0.18886	6.48E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
232	0.16644	6.48E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.71E-10	1.0E+06	9.7E-04
233	0.14759	6.48E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.61E-10	1.0E+06	8.6E-04
234	0.13165	6.48E-03	8.5E-04	1.05E-03	8.92E-07	8.61E-04	7.68E-10	1.0E+06	7.7E-04
235	0.16644	6.48E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.71E-10	1.0E+06	9.7E-04
236	0.14836	6.48E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.66E-10	1.0E+06	8.7E-04
237	0.13285	6.48E-03	8.6E-04	1.05E-03	9.00E-07	8.61E-04	7.75E-10	1.0E+06	7.8E-04
238	0.11953	6.48E-03	7.7E-04	1.05E-03	8.10E-07	8.61E-04	6.97E-10	1.0E+06	7.0E-04
239	1.79074	6.48E-03	1.2E-02	1.05E-03	1.21E-05	8.61E-04	1.04E-08	1.0E+06	1.0E-02
240	1.64972	6.48E-03	1.1E-02	1.05E-03	1.12E-05	8.61E-04	9.62E-09	1.0E+06	9.6E-03
241	1.49502	6.48E-03	9.7E-03	1.05E-03	1.01E-05	8.61E-04	8.72E-09	1.0E+06	8.7E-03
242	1.3416	6.48E-03	8.7E-03	1.05E-03	9.09E-06	8.61E-04	7.83E-09	1.0E+06	7.8E-03
243	1.41191	6.48E-03	9.2E-03	1.05E-03	9.57E-06	8.61E-04	8.24E-09	1.0E+06	8.2E-03
244	1.31193	6.48E-03	8.5E-03	1.05E-03	8.89E-06	8.61E-04	7.65E-09	1.0E+06	7.7E-03
245	1.20286	6.48E-03	7.8E-03	1.05E-03	8.15E-06	8.61E-04	7.02E-09	1.0E+06	7.0E-03
246	1.09381	6.48E-03	7.1E-03	1.05E-03	7.41E-06	8.61E-04	6.38E-09	1.0E+06	6.4E-03
247	1.14108	6.48E-03	7.4E-03	1.05E-03	7.73E-06	8.61E-04	6.66E-09	1.0E+06	6.7E-03
248	1.06749	6.48E-03	6.9E-03	1.05E-03	7.23E-06	8.61E-04	6.23E-09	1.0E+06	6.2E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
249	0.98763	6.48E-03	6.4E-03	1.05E-03	6.69E-06	8.61E-04	5.76E-09	1.0E+06	5.8E-03
250	0.90725	6.48E-03	5.9E-03	1.05E-03	6.15E-06	8.61E-04	5.29E-09	1.0E+06	5.3E-03
251	0.43231	6.48E-03	2.8E-03	1.05E-03	2.93E-06	8.61E-04	2.52E-09	1.0E+06	2.5E-03
252	0.4054	6.48E-03	2.6E-03	1.05E-03	2.75E-06	8.61E-04	2.37E-09	1.0E+06	2.4E-03
253	0.45453	6.48E-03	2.9E-03	1.05E-03	3.08E-06	8.61E-04	2.65E-09	1.0E+06	2.7E-03
254	0.43011	6.48E-03	2.8E-03	1.05E-03	2.91E-06	8.61E-04	2.51E-09	1.0E+06	2.5E-03
255	0.38337	6.48E-03	2.5E-03	1.05E-03	2.60E-06	8.61E-04	2.24E-09	1.0E+06	2.2E-03
256	0.36132	6.48E-03	2.3E-03	1.05E-03	2.45E-06	8.61E-04	2.11E-09	1.0E+06	2.1E-03
257	0.30023	6.48E-03	1.9E-03	1.05E-03	2.03E-06	8.61E-04	1.75E-09	1.0E+06	1.8E-03
258	0.40108	6.48E-03	2.6E-03	1.05E-03	2.72E-06	8.61E-04	2.34E-09	1.0E+06	2.3E-03
259	0.38089	6.48E-03	2.5E-03	1.05E-03	2.58E-06	8.61E-04	2.22E-09	1.0E+06	2.2E-03
260	0.36112	6.48E-03	2.3E-03	1.05E-03	2.45E-06	8.61E-04	2.11E-09	1.0E+06	2.1E-03
261	0.34214	6.48E-03	2.2E-03	1.05E-03	2.32E-06	8.61E-04	2.00E-09	1.0E+06	2.0E-03
262	0.32389	6.48E-03	2.1E-03	1.05E-03	2.19E-06	8.61E-04	1.89E-09	1.0E+06	1.9E-03
263	0.27295	6.48E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03
264	0.33957	6.48E-03	2.2E-03	1.05E-03	2.30E-06	8.61E-04	1.98E-09	1.0E+06	2.0E-03
265	0.32307	6.48E-03	2.1E-03	1.05E-03	2.19E-06	8.61E-04	1.88E-09	1.0E+06	1.9E-03
266	0.30716	6.48E-03	2.0E-03	1.05E-03	2.08E-06	8.61E-04	1.79E-09	1.0E+06	1.8E-03
267	0.29185	6.48E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03
268	0.2491	6.48E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.45E-09	1.0E+06	1.5E-03
269	0.55078	6.48E-03	3.6E-03	1.05E-03	3.73E-06	8.61E-04	3.21E-09	1.0E+06	3.2E-03
270	0.43859	6.48E-03	2.8E-03	1.05E-03	2.97E-06	8.61E-04	2.56E-09	1.0E+06	2.6E-03
271	0.35669	6.48E-03	2.3E-03	1.05E-03	2.42E-06	8.61E-04	2.08E-09	1.0E+06	2.1E-03
272	0.29539	6.48E-03	1.9E-03	1.05E-03	2.00E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03
273	0.2485	6.48E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.45E-09	1.0E+06	1.4E-03
274	0.212	6.48E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
275	0.18306	6.48E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
276	0.47332	6.48E-03	3.1E-03	1.05E-03	3.21E-06	8.61E-04	2.76E-09	1.0E+06	2.8E-03
277	0.38031	6.48E-03	2.5E-03	1.05E-03	2.58E-06	8.61E-04	2.22E-09	1.0E+06	2.2E-03
278	0.31208	6.48E-03	2.0E-03	1.05E-03	2.11E-06	8.61E-04	1.82E-09	1.0E+06	1.8E-03
279	0.26064	6.48E-03	1.7E-03	1.05E-03	1.77E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.22104	6.48E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
281	0.18997	6.48E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
282	0.16515	6.48E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.64E-10	1.0E+06	9.6E-04
283	0.40218	6.48E-03	2.6E-03	1.05E-03	2.73E-06	8.61E-04	2.35E-09	1.0E+06	2.3E-03
284	0.32774	6.48E-03	2.1E-03	1.05E-03	2.22E-06	8.61E-04	1.91E-09	1.0E+06	1.9E-03
285	0.27226	6.48E-03	1.8E-03	1.05E-03	1.84E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03
286	0.22984	6.48E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
287	0.19676	6.48E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03
288	0.1705	6.48E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.95E-10	1.0E+06	9.9E-04
289	0.14932	6.48E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.71E-10	1.0E+06	8.7E-04
290	0.34341	6.48E-03	2.2E-03	1.05E-03	2.33E-06	8.61E-04	2.00E-09	1.0E+06	2.0E-03
291	0.28406	6.48E-03	1.8E-03	1.05E-03	1.92E-06	8.61E-04	1.66E-09	1.0E+06	1.7E-03
292	0.23894	6.48E-03	1.5E-03	1.05E-03	1.62E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03
293	0.20388	6.48E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
294	0.17615	6.48E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
295	0.15387	6.48E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.98E-10	1.0E+06	9.0E-04
296	0.13571	6.48E-03	8.8E-04	1.05E-03	9.20E-07	8.61E-04	7.92E-10	1.0E+06	7.9E-04
297	0.29695	6.48E-03	1.9E-03	1.05E-03	2.01E-06	8.61E-04	1.73E-09	1.0E+06	1.7E-03
298	0.24893	6.48E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.45E-09	1.0E+06	1.5E-03
299	0.21176	6.48E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
300	0.18247	6.48E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
301	0.15898	6.48E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.28E-10	1.0E+06	9.3E-04
302	0.13988	6.48E-03	9.1E-04	1.05E-03	9.48E-07	8.61E-04	8.16E-10	1.0E+06	8.2E-04
303	0.12416	6.48E-03	8.0E-04	1.05E-03	8.41E-07	8.61E-04	7.24E-10	1.0E+06	7.2E-04
304	0.2597	6.48E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
305	0.22039	6.48E-03	1.4E-03	1.05E-03	1.49E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
306	0.18944	6.48E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
307	0.16467	6.48E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.61E-10	1.0E+06	9.6E-04
308	0.14457	6.48E-03	9.4E-04	1.05E-03	9.80E-07	8.61E-04	8.43E-10	1.0E+06	8.4E-04
309	0.12805	6.48E-03	8.3E-04	1.05E-03	8.68E-07	8.61E-04	7.47E-10	1.0E+06	7.5E-04
310	0.11432	6.48E-03	7.4E-04	1.05E-03	7.75E-07	8.61E-04	6.67E-10	1.0E+06	6.7E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
311	0.22899	6.48E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
312	0.19656	6.48E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03
313	0.17062	6.48E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.95E-10	1.0E+06	1.0E-03
314	0.14955	6.48E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.73E-10	1.0E+06	8.7E-04
315	0.13224	6.48E-03	8.6E-04	1.05E-03	8.96E-07	8.61E-04	7.72E-10	1.0E+06	7.7E-04
316	0.11787	6.48E-03	7.6E-04	1.05E-03	7.99E-07	8.61E-04	6.88E-10	1.0E+06	6.9E-04
317	0.10581	6.48E-03	6.9E-04	1.05E-03	7.17E-07	8.61E-04	6.17E-10	1.0E+06	6.2E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Building Construction Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	6.60E-05
2	5	6.90E-05
3	5	7.00E-05
4	5	9.73E-05
5	5	1.03E-04
6	5	1.09E-04
7	5	1.15E-04
8	5	1.21E-04
9	5	1.26E-04
10	5	1.32E-04
11	5	1.37E-04
12	5	1.42E-04
13	5	1.48E-04
14	5	1.53E-04
15	5	1.59E-04
16	5	1.67E-04
17	5	1.77E-04
18	5	1.88E-04
19	5	2.02E-04
20	5	2.18E-04
21	5	2.34E-04
22	5	2.50E-04
23	5	2.65E-04
24	5	2.77E-04
25	5	2.85E-04
26	5	7.07E-05
27	5	7.41E-05
28	5	7.53E-05
29	5	1.07E-04
30	5	1.14E-04
31	5	1.21E-04

Max	Receptor #
0.002	239

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	1.29E-04
33	5	1.36E-04
34	5	1.43E-04
35	5	1.50E-04
36	5	1.57E-04
37	5	1.64E-04
38	5	1.71E-04
39	5	1.78E-04
40	5	1.86E-04
41	5	1.96E-04
42	5	2.09E-04
43	5	2.25E-04
44	5	2.43E-04
45	5	2.64E-04
46	5	2.84E-04
47	5	3.03E-04
48	5	3.19E-04
49	5	3.30E-04
50	5	3.36E-04
51	5	7.57E-05
52	5	7.98E-05
53	5	8.14E-05
54	5	1.18E-04
55	5	1.27E-04
56	5	1.36E-04
57	5	1.45E-04
58	5	1.55E-04
59	5	1.64E-04
60	5	1.73E-04
61	5	1.82E-04
62	5	1.91E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	2.00E-04
64	5	2.09E-04
65	5	2.20E-04
66	5	2.34E-04
67	5	2.52E-04
68	5	2.74E-04
69	5	2.99E-04
70	5	3.25E-04
71	5	3.50E-04
72	5	3.72E-04
73	5	3.87E-04
74	5	3.95E-04
75	5	3.95E-04
76	5	8.12E-05
77	5	8.59E-05
78	5	8.81E-05
79	5	1.31E-04
80	5	1.42E-04
81	5	1.53E-04
82	5	1.65E-04
83	5	1.77E-04
84	5	1.90E-04
85	5	2.02E-04
86	5	2.15E-04
87	5	2.27E-04
88	5	2.38E-04
89	5	2.51E-04
90	5	2.66E-04
91	5	2.85E-04
92	5	3.10E-04
93	5	3.41E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	3.75E-04
95	5	4.09E-04
96	5	4.39E-04
97	5	4.60E-04
98	5	4.71E-04
99	5	4.71E-04
100	5	4.61E-04
101	5	8.70E-05
102	5	9.25E-05
103	5	9.56E-05
104	5	1.47E-04
105	5	1.59E-04
106	5	1.73E-04
107	5	1.88E-04
108	5	2.05E-04
109	5	2.22E-04
110	5	2.39E-04
111	5	2.58E-04
112	5	2.74E-04
113	5	2.89E-04
114	5	3.06E-04
115	5	3.27E-04
116	5	3.55E-04
117	5	3.92E-04
118	5	4.37E-04
119	5	4.83E-04
120	5	5.26E-04
121	5	5.57E-04
122	5	5.73E-04
123	5	5.73E-04
124	5	5.58E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	9.32E-05
126	5	9.95E-05
127	5	1.04E-04
128	5	1.81E-04
129	5	1.98E-04
130	5	2.18E-04
131	5	2.40E-04
132	5	2.63E-04
133	5	2.88E-04
134	5	3.14E-04
135	5	3.36E-04
136	5	3.59E-04
137	5	3.83E-04
138	5	4.15E-04
139	5	4.56E-04
140	5	5.12E-04
141	5	5.77E-04
142	5	6.39E-04
143	5	6.87E-04
144	5	7.12E-04
145	5	7.13E-04
146	5	6.90E-04
147	5	9.96E-05
148	5	1.07E-04
149	5	1.12E-04
150	5	2.07E-04
151	5	2.29E-04
152	5	2.54E-04
153	5	2.84E-04
154	5	3.17E-04
155	5	3.55E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	3.90E-04
157	5	4.24E-04
158	5	4.58E-04
159	5	4.95E-04
160	5	5.42E-04
161	5	6.09E-04
162	5	6.97E-04
163	5	7.90E-04
164	5	8.67E-04
165	5	9.09E-04
166	5	9.10E-04
167	5	8.75E-04
168	5	8.14E-04
169	5	1.06E-04
170	5	1.15E-04
171	5	1.22E-04
172	5	1.30E-04
173	5	2.38E-04
174	5	2.67E-04
175	5	3.01E-04
176	5	3.41E-04
177	5	3.89E-04
178	5	4.44E-04
179	5	4.98E-04
180	5	5.52E-04
181	5	6.05E-04
182	5	6.62E-04
183	5	1.20E-03
184	5	1.15E-03
185	5	1.23E-04
186	5	1.32E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	1.41E-04
188	5	2.75E-04
189	5	3.13E-04
190	5	3.60E-04
191	5	4.16E-04
192	5	4.88E-04
193	5	5.69E-04
194	5	6.57E-04
195	5	7.47E-04
196	5	8.35E-04
197	5	9.33E-04
198	5	1.41E-04
199	5	1.54E-04
200	5	1.51E-04
201	5	1.67E-04
202	5	1.82E-04
203	5	1.79E-04
204	5	2.00E-04
205	5	2.22E-04
206	5	2.17E-04
207	5	2.44E-04
208	5	2.78E-04
209	5	2.35E-04
210	5	2.69E-04
211	5	3.08E-04
212	5	2.95E-04
213	5	3.45E-04
214	5	4.02E-04
215	5	3.25E-04
216	5	3.83E-04
217	5	4.50E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	4.99E-04
219	5	6.08E-04
220	5	5.40E-04
221	5	6.50E-04
222	5	5.60E-04
223	5	6.64E-04
224	5	8.04E-04
225	5	6.47E-04
226	5	7.56E-04
227	5	2.79E-04
228	5	2.43E-04
229	5	2.13E-04
230	5	1.88E-04
231	5	2.45E-04
232	5	2.16E-04
233	5	1.91E-04
234	5	1.71E-04
235	5	2.16E-04
236	5	1.92E-04
237	5	1.72E-04
238	5	1.55E-04
239	5	2.32E-03
240	5	2.14E-03
241	5	1.94E-03
242	5	1.74E-03
243	5	1.83E-03
244	5	1.70E-03
245	5	1.56E-03
246	5	1.42E-03
247	5	1.48E-03
248	5	1.38E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	1.28E-03
250	5	1.18E-03
251	5	5.60E-04
252	5	5.26E-04
253	5	5.89E-04
254	5	5.58E-04
255	5	4.97E-04
256	5	4.68E-04
257	5	3.89E-04
258	5	5.20E-04
259	5	4.94E-04
260	5	4.68E-04
261	5	4.44E-04
262	5	4.20E-04
263	5	3.54E-04
264	5	4.40E-04
265	5	4.19E-04
266	5	3.98E-04
267	5	3.78E-04
268	5	3.23E-04
269	5	7.14E-04
270	5	5.69E-04
271	5	4.62E-04
272	5	3.83E-04
273	5	3.22E-04
274	5	2.75E-04
275	5	2.37E-04
276	5	6.14E-04
277	5	4.93E-04
278	5	4.05E-04
279	5	3.38E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	2.87E-04
281	5	2.46E-04
282	5	2.14E-04
283	5	5.21E-04
284	5	4.25E-04
285	5	3.53E-04
286	5	2.98E-04
287	5	2.55E-04
288	5	2.21E-04
289	5	1.94E-04
290	5	4.45E-04
291	5	3.68E-04
292	5	3.10E-04
293	5	2.64E-04
294	5	2.28E-04
295	5	1.99E-04
296	5	1.76E-04
297	5	3.85E-04
298	5	3.23E-04
299	5	2.75E-04
300	5	2.37E-04
301	5	2.06E-04
302	5	1.81E-04
303	5	1.61E-04
304	5	3.37E-04
305	5	2.86E-04
306	5	2.46E-04
307	5	2.13E-04
308	5	1.87E-04
309	5	1.66E-04
310	5	1.48E-04



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Building Construction Risk**

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	2.97E-04
312	5	2.55E-04
313	5	2.21E-04
314	5	1.94E-04
315	5	1.71E-04
316	5	1.53E-04
317	5	1.37E-04

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Parcel 6-G: Unmitigated - Parcel 6 - Paving Risk



**RINCON CONSULTANTS, INC.**  
Environmental Scientists | Planners | Engineers  
[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.04951	3.89E-03	1.9E-04	1.05E-03	2.01E-07	8.61E-04	1.73E-10	1.0E+06	1.7E-04
2	0.05172	3.89E-03	2.0E-04	1.05E-03	2.10E-07	8.61E-04	1.81E-10	1.0E+06	1.8E-04
3	0.05236	3.89E-03	2.0E-04	1.05E-03	2.13E-07	8.61E-04	1.83E-10	1.0E+06	1.8E-04
4	0.07235	3.89E-03	2.8E-04	1.05E-03	2.94E-07	8.61E-04	2.53E-10	1.0E+06	2.5E-04
5	0.07653	3.89E-03	3.0E-04	1.05E-03	3.11E-07	8.61E-04	2.68E-10	1.0E+06	2.7E-04
6	0.08084	3.89E-03	3.1E-04	1.05E-03	3.28E-07	8.61E-04	2.83E-10	1.0E+06	2.8E-04
7	0.08519	3.89E-03	3.3E-04	1.05E-03	3.46E-07	8.61E-04	2.98E-10	1.0E+06	3.0E-04
8	0.08948	3.89E-03	3.5E-04	1.05E-03	3.63E-07	8.61E-04	3.13E-10	1.0E+06	3.1E-04
9	0.09365	3.89E-03	3.6E-04	1.05E-03	3.80E-07	8.61E-04	3.28E-10	1.0E+06	3.3E-04
10	0.09765	3.89E-03	3.8E-04	1.05E-03	3.97E-07	8.61E-04	3.41E-10	1.0E+06	3.4E-04
11	0.10148	3.89E-03	3.9E-04	1.05E-03	4.12E-07	8.61E-04	3.55E-10	1.0E+06	3.5E-04
12	0.10526	3.89E-03	4.1E-04	1.05E-03	4.28E-07	8.61E-04	3.68E-10	1.0E+06	3.7E-04
13	0.10931	3.89E-03	4.2E-04	1.05E-03	4.44E-07	8.61E-04	3.82E-10	1.0E+06	3.8E-04
14	0.11336	3.89E-03	4.4E-04	1.05E-03	4.60E-07	8.61E-04	3.96E-10	1.0E+06	4.0E-04
15	0.11778	3.89E-03	4.6E-04	1.05E-03	4.78E-07	8.61E-04	4.12E-10	1.0E+06	4.1E-04
16	0.1232	3.89E-03	4.8E-04	1.05E-03	5.00E-07	8.61E-04	4.31E-10	1.0E+06	4.3E-04
17	0.12989	3.89E-03	5.0E-04	1.05E-03	5.28E-07	8.61E-04	4.54E-10	1.0E+06	4.5E-04
18	0.13792	3.89E-03	5.4E-04	1.05E-03	5.60E-07	8.61E-04	4.82E-10	1.0E+06	4.8E-04
19	0.14758	3.89E-03	5.7E-04	1.05E-03	5.99E-07	8.61E-04	5.16E-10	1.0E+06	5.2E-04
20	0.15859	3.89E-03	6.2E-04	1.05E-03	6.44E-07	8.61E-04	5.55E-10	1.0E+06	5.5E-04
21	0.1704	3.89E-03	6.6E-04	1.05E-03	6.92E-07	8.61E-04	5.96E-10	1.0E+06	6.0E-04
22	0.18224	3.89E-03	7.1E-04	1.05E-03	7.40E-07	8.61E-04	6.37E-10	1.0E+06	6.4E-04
23	0.19328	3.89E-03	7.5E-04	1.05E-03	7.85E-07	8.61E-04	6.76E-10	1.0E+06	6.8E-04
24	0.20272	3.89E-03	7.9E-04	1.05E-03	8.23E-07	8.61E-04	7.09E-10	1.0E+06	7.1E-04
25	0.20989	3.89E-03	8.2E-04	1.05E-03	8.52E-07	8.61E-04	7.34E-10	1.0E+06	7.3E-04
26	0.05296	3.89E-03	2.1E-04	1.05E-03	2.15E-07	8.61E-04	1.85E-10	1.0E+06	1.9E-04
27	0.0555	3.89E-03	2.2E-04	1.05E-03	2.25E-07	8.61E-04	1.94E-10	1.0E+06	1.9E-04
28	0.05631	3.89E-03	2.2E-04	1.05E-03	2.29E-07	8.61E-04	1.97E-10	1.0E+06	2.0E-04
29	0.07937	3.89E-03	3.1E-04	1.05E-03	3.22E-07	8.61E-04	2.78E-10	1.0E+06	2.8E-04
30	0.08437	3.89E-03	3.3E-04	1.05E-03	3.43E-07	8.61E-04	2.95E-10	1.0E+06	3.0E-04
31	0.08966	3.89E-03	3.5E-04	1.05E-03	3.64E-07	8.61E-04	3.14E-10	1.0E+06	3.1E-04

<b>Max</b>	<b>Receptor #</b>
0.008	239

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
32	0.09509	3.89E-03	3.7E-04	1.05E-03	3.86E-07	8.61E-04	3.33E-10	1.0E+06	3.3E-04
33	0.10051	3.89E-03	3.9E-04	1.05E-03	4.08E-07	8.61E-04	3.51E-10	1.0E+06	3.5E-04
34	0.10582	3.89E-03	4.1E-04	1.05E-03	4.30E-07	8.61E-04	3.70E-10	1.0E+06	3.7E-04
35	0.11096	3.89E-03	4.3E-04	1.05E-03	4.51E-07	8.61E-04	3.88E-10	1.0E+06	3.9E-04
36	0.11588	3.89E-03	4.5E-04	1.05E-03	4.71E-07	8.61E-04	4.05E-10	1.0E+06	4.1E-04
37	0.12101	3.89E-03	4.7E-04	1.05E-03	4.91E-07	8.61E-04	4.23E-10	1.0E+06	4.2E-04
38	0.12621	3.89E-03	4.9E-04	1.05E-03	5.13E-07	8.61E-04	4.41E-10	1.0E+06	4.4E-04
39	0.13119	3.89E-03	5.1E-04	1.05E-03	5.33E-07	8.61E-04	4.59E-10	1.0E+06	4.6E-04
40	0.13691	3.89E-03	5.3E-04	1.05E-03	5.56E-07	8.61E-04	4.79E-10	1.0E+06	4.8E-04
41	0.14414	3.89E-03	5.6E-04	1.05E-03	5.85E-07	8.61E-04	5.04E-10	1.0E+06	5.0E-04
42	0.15293	3.89E-03	5.9E-04	1.05E-03	6.21E-07	8.61E-04	5.35E-10	1.0E+06	5.3E-04
43	0.16377	3.89E-03	6.4E-04	1.05E-03	6.65E-07	8.61E-04	5.73E-10	1.0E+06	5.7E-04
44	0.17669	3.89E-03	6.9E-04	1.05E-03	7.18E-07	8.61E-04	6.18E-10	1.0E+06	6.2E-04
45	0.1911	3.89E-03	7.4E-04	1.05E-03	7.76E-07	8.61E-04	6.68E-10	1.0E+06	6.7E-04
46	0.20603	3.89E-03	8.0E-04	1.05E-03	8.37E-07	8.61E-04	7.21E-10	1.0E+06	7.2E-04
47	0.22026	3.89E-03	8.6E-04	1.05E-03	8.95E-07	8.61E-04	7.70E-10	1.0E+06	7.7E-04
48	0.23261	3.89E-03	9.0E-04	1.05E-03	9.45E-07	8.61E-04	8.13E-10	1.0E+06	8.1E-04
49	0.24204	3.89E-03	9.4E-04	1.05E-03	9.83E-07	8.61E-04	8.46E-10	1.0E+06	8.5E-04
50	0.24784	3.89E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.67E-10	1.0E+06	8.7E-04
51	0.0567	3.89E-03	2.2E-04	1.05E-03	2.30E-07	8.61E-04	1.98E-10	1.0E+06	2.0E-04
52	0.05964	3.89E-03	2.3E-04	1.05E-03	2.42E-07	8.61E-04	2.09E-10	1.0E+06	2.1E-04
53	0.06073	3.89E-03	2.4E-04	1.05E-03	2.47E-07	8.61E-04	2.12E-10	1.0E+06	2.1E-04
54	0.08751	3.89E-03	3.4E-04	1.05E-03	3.55E-07	8.61E-04	3.06E-10	1.0E+06	3.1E-04
55	0.09351	3.89E-03	3.6E-04	1.05E-03	3.80E-07	8.61E-04	3.27E-10	1.0E+06	3.3E-04
56	0.09998	3.89E-03	3.9E-04	1.05E-03	4.06E-07	8.61E-04	3.50E-10	1.0E+06	3.5E-04
57	0.10679	3.89E-03	4.1E-04	1.05E-03	4.34E-07	8.61E-04	3.73E-10	1.0E+06	3.7E-04
58	0.11372	3.89E-03	4.4E-04	1.05E-03	4.62E-07	8.61E-04	3.98E-10	1.0E+06	4.0E-04
59	0.12064	3.89E-03	4.7E-04	1.05E-03	4.90E-07	8.61E-04	4.22E-10	1.0E+06	4.2E-04
60	0.12739	3.89E-03	5.0E-04	1.05E-03	5.17E-07	8.61E-04	4.45E-10	1.0E+06	4.5E-04
61	0.13386	3.89E-03	5.2E-04	1.05E-03	5.44E-07	8.61E-04	4.68E-10	1.0E+06	4.7E-04
62	0.14077	3.89E-03	5.5E-04	1.05E-03	5.72E-07	8.61E-04	4.92E-10	1.0E+06	4.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
63	0.14733	3.89E-03	5.7E-04	1.05E-03	5.98E-07	8.61E-04	5.15E-10	1.0E+06	5.2E-04
64	0.15387	3.89E-03	6.0E-04	1.05E-03	6.25E-07	8.61E-04	5.38E-10	1.0E+06	5.4E-04
65	0.16147	3.89E-03	6.3E-04	1.05E-03	6.56E-07	8.61E-04	5.65E-10	1.0E+06	5.6E-04
66	0.17126	3.89E-03	6.7E-04	1.05E-03	6.96E-07	8.61E-04	5.99E-10	1.0E+06	6.0E-04
67	0.18324	3.89E-03	7.1E-04	1.05E-03	7.44E-07	8.61E-04	6.41E-10	1.0E+06	6.4E-04
68	0.19819	3.89E-03	7.7E-04	1.05E-03	8.05E-07	8.61E-04	6.93E-10	1.0E+06	6.9E-04
69	0.21571	3.89E-03	8.4E-04	1.05E-03	8.76E-07	8.61E-04	7.54E-10	1.0E+06	7.5E-04
70	0.23462	3.89E-03	9.1E-04	1.05E-03	9.53E-07	8.61E-04	8.20E-10	1.0E+06	8.2E-04
71	0.25324	3.89E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.86E-10	1.0E+06	8.9E-04
72	0.26972	3.89E-03	1.0E-03	1.05E-03	1.10E-06	8.61E-04	9.43E-10	1.0E+06	9.4E-04
73	0.28243	3.89E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.88E-10	1.0E+06	9.9E-04
74	0.29025	3.89E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
75	0.29267	3.89E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
76	0.06071	3.89E-03	2.4E-04	1.05E-03	2.47E-07	8.61E-04	2.12E-10	1.0E+06	2.1E-04
77	0.06413	3.89E-03	2.5E-04	1.05E-03	2.60E-07	8.61E-04	2.24E-10	1.0E+06	2.2E-04
78	0.06567	3.89E-03	2.6E-04	1.05E-03	2.67E-07	8.61E-04	2.30E-10	1.0E+06	2.3E-04
79	0.09704	3.89E-03	3.8E-04	1.05E-03	3.94E-07	8.61E-04	3.39E-10	1.0E+06	3.4E-04
80	0.10426	3.89E-03	4.1E-04	1.05E-03	4.23E-07	8.61E-04	3.65E-10	1.0E+06	3.6E-04
81	0.1122	3.89E-03	4.4E-04	1.05E-03	4.56E-07	8.61E-04	3.92E-10	1.0E+06	3.9E-04
82	0.12076	3.89E-03	4.7E-04	1.05E-03	4.90E-07	8.61E-04	4.22E-10	1.0E+06	4.2E-04
83	0.12974	3.89E-03	5.0E-04	1.05E-03	5.27E-07	8.61E-04	4.54E-10	1.0E+06	4.5E-04
84	0.13888	3.89E-03	5.4E-04	1.05E-03	5.64E-07	8.61E-04	4.86E-10	1.0E+06	4.9E-04
85	0.14792	3.89E-03	5.7E-04	1.05E-03	6.01E-07	8.61E-04	5.17E-10	1.0E+06	5.2E-04
86	0.15736	3.89E-03	6.1E-04	1.05E-03	6.39E-07	8.61E-04	5.50E-10	1.0E+06	5.5E-04
87	0.1663	3.89E-03	6.5E-04	1.05E-03	6.75E-07	8.61E-04	5.82E-10	1.0E+06	5.8E-04
88	0.17458	3.89E-03	6.8E-04	1.05E-03	7.09E-07	8.61E-04	6.11E-10	1.0E+06	6.1E-04
89	0.18338	3.89E-03	7.1E-04	1.05E-03	7.45E-07	8.61E-04	6.41E-10	1.0E+06	6.4E-04
90	0.19386	3.89E-03	7.5E-04	1.05E-03	7.87E-07	8.61E-04	6.78E-10	1.0E+06	6.8E-04
91	0.20731	3.89E-03	8.1E-04	1.05E-03	8.42E-07	8.61E-04	7.25E-10	1.0E+06	7.2E-04
92	0.22424	3.89E-03	8.7E-04	1.05E-03	9.11E-07	8.61E-04	7.84E-10	1.0E+06	7.8E-04
93	0.2453	3.89E-03	9.5E-04	1.05E-03	9.96E-07	8.61E-04	8.58E-10	1.0E+06	8.6E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.2693	3.89E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.42E-10	1.0E+06	9.4E-04
95	0.29395	3.89E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
96	0.31643	3.89E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
97	0.33406	3.89E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
98	0.34492	3.89E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
99	0.34819	3.89E-03	1.4E-03	1.05E-03	1.41E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03
100	0.34405	3.89E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
101	0.065	3.89E-03	2.5E-04	1.05E-03	2.64E-07	8.61E-04	2.27E-10	1.0E+06	2.3E-04
102	0.06899	3.89E-03	2.7E-04	1.05E-03	2.80E-07	8.61E-04	2.41E-10	1.0E+06	2.4E-04
103	0.07112	3.89E-03	2.8E-04	1.05E-03	2.89E-07	8.61E-04	2.49E-10	1.0E+06	2.5E-04
104	0.10825	3.89E-03	4.2E-04	1.05E-03	4.40E-07	8.61E-04	3.79E-10	1.0E+06	3.8E-04
105	0.11703	3.89E-03	4.5E-04	1.05E-03	4.75E-07	8.61E-04	4.09E-10	1.0E+06	4.1E-04
106	0.12685	3.89E-03	4.9E-04	1.05E-03	5.15E-07	8.61E-04	4.44E-10	1.0E+06	4.4E-04
107	0.1377	3.89E-03	5.4E-04	1.05E-03	5.59E-07	8.61E-04	4.82E-10	1.0E+06	4.8E-04
108	0.14943	3.89E-03	5.8E-04	1.05E-03	6.07E-07	8.61E-04	5.23E-10	1.0E+06	5.2E-04
109	0.16164	3.89E-03	6.3E-04	1.05E-03	6.56E-07	8.61E-04	5.65E-10	1.0E+06	5.7E-04
110	0.17416	3.89E-03	6.8E-04	1.05E-03	7.07E-07	8.61E-04	6.09E-10	1.0E+06	6.1E-04
111	0.18754	3.89E-03	7.3E-04	1.05E-03	7.62E-07	8.61E-04	6.56E-10	1.0E+06	6.6E-04
112	0.19918	3.89E-03	7.7E-04	1.05E-03	8.09E-07	8.61E-04	6.97E-10	1.0E+06	7.0E-04
113	0.21061	3.89E-03	8.2E-04	1.05E-03	8.55E-07	8.61E-04	7.37E-10	1.0E+06	7.4E-04
114	0.22283	3.89E-03	8.7E-04	1.05E-03	9.05E-07	8.61E-04	7.79E-10	1.0E+06	7.8E-04
115	0.23758	3.89E-03	9.2E-04	1.05E-03	9.65E-07	8.61E-04	8.31E-10	1.0E+06	8.3E-04
116	0.25666	3.89E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.98E-10	1.0E+06	9.0E-04
117	0.28148	3.89E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.84E-10	1.0E+06	9.8E-04
118	0.31178	3.89E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
119	0.34476	3.89E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
120	0.37611	3.89E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
121	0.40133	3.89E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
122	0.41702	3.89E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
123	0.42163	3.89E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03
124	0.41547	3.89E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.45E-09	1.0E+06	1.5E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
125	0.06952	3.89E-03	2.7E-04	1.05E-03	2.82E-07	8.61E-04	2.43E-10	1.0E+06	2.4E-04
126	0.07414	3.89E-03	2.9E-04	1.05E-03	3.01E-07	8.61E-04	2.59E-10	1.0E+06	2.6E-04
127	0.07699	3.89E-03	3.0E-04	1.05E-03	3.13E-07	8.61E-04	2.69E-10	1.0E+06	2.7E-04
128	0.13231	3.89E-03	5.1E-04	1.05E-03	5.37E-07	8.61E-04	4.63E-10	1.0E+06	4.6E-04
129	0.1446	3.89E-03	5.6E-04	1.05E-03	5.87E-07	8.61E-04	5.06E-10	1.0E+06	5.1E-04
130	0.1585	3.89E-03	6.2E-04	1.05E-03	6.44E-07	8.61E-04	5.54E-10	1.0E+06	5.5E-04
131	0.17391	3.89E-03	6.8E-04	1.05E-03	7.06E-07	8.61E-04	6.08E-10	1.0E+06	6.1E-04
132	0.19049	3.89E-03	7.4E-04	1.05E-03	7.74E-07	8.61E-04	6.66E-10	1.0E+06	6.7E-04
133	0.20857	3.89E-03	8.1E-04	1.05E-03	8.47E-07	8.61E-04	7.29E-10	1.0E+06	7.3E-04
134	0.22664	3.89E-03	8.8E-04	1.05E-03	9.20E-07	8.61E-04	7.93E-10	1.0E+06	7.9E-04
135	0.24325	3.89E-03	9.5E-04	1.05E-03	9.88E-07	8.61E-04	8.51E-10	1.0E+06	8.5E-04
136	0.25961	3.89E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.08E-10	1.0E+06	9.1E-04
137	0.27715	3.89E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.69E-10	1.0E+06	9.7E-04
138	0.29888	3.89E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03
139	0.32709	3.89E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
140	0.36457	3.89E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
141	0.4088	3.89E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03
142	0.4535	3.89E-03	1.8E-03	1.05E-03	1.84E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03
143	0.49092	3.89E-03	1.9E-03	1.05E-03	1.99E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03
144	0.51462	3.89E-03	2.0E-03	1.05E-03	2.09E-06	8.61E-04	1.80E-09	1.0E+06	1.8E-03
145	0.52155	3.89E-03	2.0E-03	1.05E-03	2.12E-06	8.61E-04	1.82E-09	1.0E+06	1.8E-03
146	0.51219	3.89E-03	2.0E-03	1.05E-03	2.08E-06	8.61E-04	1.79E-09	1.0E+06	1.8E-03
147	0.07427	3.89E-03	2.9E-04	1.05E-03	3.02E-07	8.61E-04	2.60E-10	1.0E+06	2.6E-04
148	0.07962	3.89E-03	3.1E-04	1.05E-03	3.23E-07	8.61E-04	2.78E-10	1.0E+06	2.8E-04
149	0.08351	3.89E-03	3.2E-04	1.05E-03	3.39E-07	8.61E-04	2.92E-10	1.0E+06	2.9E-04
150	0.15066	3.89E-03	5.9E-04	1.05E-03	6.12E-07	8.61E-04	5.27E-10	1.0E+06	5.3E-04
151	0.16626	3.89E-03	6.5E-04	1.05E-03	6.75E-07	8.61E-04	5.81E-10	1.0E+06	5.8E-04
152	0.18427	3.89E-03	7.2E-04	1.05E-03	7.48E-07	8.61E-04	6.44E-10	1.0E+06	6.4E-04
153	0.20482	3.89E-03	8.0E-04	1.05E-03	8.32E-07	8.61E-04	7.16E-10	1.0E+06	7.2E-04
154	0.22769	3.89E-03	8.8E-04	1.05E-03	9.25E-07	8.61E-04	7.96E-10	1.0E+06	8.0E-04
155	0.25443	3.89E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.90E-10	1.0E+06	8.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
156	0.27957	3.89E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.78E-10	1.0E+06	9.8E-04
157	0.30418	3.89E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
158	0.32861	3.89E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03
159	0.35497	3.89E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
160	0.38762	3.89E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03
161	0.43223	3.89E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
162	0.49083	3.89E-03	1.9E-03	1.05E-03	1.99E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03
163	0.55551	3.89E-03	2.2E-03	1.05E-03	2.26E-06	8.61E-04	1.94E-09	1.0E+06	1.9E-03
164	0.61315	3.89E-03	2.4E-03	1.05E-03	2.49E-06	8.61E-04	2.14E-09	1.0E+06	2.1E-03
165	0.65091	3.89E-03	2.5E-03	1.05E-03	2.64E-06	8.61E-04	2.28E-09	1.0E+06	2.3E-03
166	0.66218	3.89E-03	2.6E-03	1.05E-03	2.69E-06	8.61E-04	2.32E-09	1.0E+06	2.3E-03
167	0.64751	3.89E-03	2.5E-03	1.05E-03	2.63E-06	8.61E-04	2.26E-09	1.0E+06	2.3E-03
168	0.61241	3.89E-03	2.4E-03	1.05E-03	2.49E-06	8.61E-04	2.14E-09	1.0E+06	2.1E-03
169	0.07916	3.89E-03	3.1E-04	1.05E-03	3.22E-07	8.61E-04	2.77E-10	1.0E+06	2.8E-04
170	0.08533	3.89E-03	3.3E-04	1.05E-03	3.47E-07	8.61E-04	2.98E-10	1.0E+06	3.0E-04
171	0.09064	3.89E-03	3.5E-04	1.05E-03	3.68E-07	8.61E-04	3.17E-10	1.0E+06	3.2E-04
172	0.096	3.89E-03	3.7E-04	1.05E-03	3.90E-07	8.61E-04	3.36E-10	1.0E+06	3.4E-04
173	0.17259	3.89E-03	6.7E-04	1.05E-03	7.01E-07	8.61E-04	6.04E-10	1.0E+06	6.0E-04
174	0.19287	3.89E-03	7.5E-04	1.05E-03	7.83E-07	8.61E-04	6.74E-10	1.0E+06	6.7E-04
175	0.21668	3.89E-03	8.4E-04	1.05E-03	8.80E-07	8.61E-04	7.58E-10	1.0E+06	7.6E-04
176	0.24448	3.89E-03	9.5E-04	1.05E-03	9.93E-07	8.61E-04	8.55E-10	1.0E+06	8.5E-04
177	0.27733	3.89E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.70E-10	1.0E+06	9.7E-04
178	0.31545	3.89E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
179	0.35347	3.89E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
180	0.39191	3.89E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03
181	0.42997	3.89E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03
182	0.4713	3.89E-03	1.8E-03	1.05E-03	1.91E-06	8.61E-04	1.65E-09	1.0E+06	1.6E-03
183	0.86859	3.89E-03	3.4E-03	1.05E-03	3.53E-06	8.61E-04	3.04E-09	1.0E+06	3.0E-03
184	0.84475	3.89E-03	3.3E-03	1.05E-03	3.43E-06	8.61E-04	2.95E-09	1.0E+06	3.0E-03
185	0.09119	3.89E-03	3.5E-04	1.05E-03	3.70E-07	8.61E-04	3.19E-10	1.0E+06	3.2E-04
186	0.09802	3.89E-03	3.8E-04	1.05E-03	3.98E-07	8.61E-04	3.43E-10	1.0E+06	3.4E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
187	0.10434	3.89E-03	4.1E-04	1.05E-03	4.24E-07	8.61E-04	3.65E-10	1.0E+06	3.6E-04
188	0.19852	3.89E-03	7.7E-04	1.05E-03	8.06E-07	8.61E-04	6.94E-10	1.0E+06	6.9E-04
189	0.22533	3.89E-03	8.8E-04	1.05E-03	9.15E-07	8.61E-04	7.88E-10	1.0E+06	7.9E-04
190	0.2575	3.89E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.01E-10	1.0E+06	9.0E-04
191	0.2962	3.89E-03	1.2E-03	1.05E-03	1.20E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
192	0.34509	3.89E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
193	0.40023	3.89E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
194	0.4606	3.89E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03
195	0.52347	3.89E-03	2.0E-03	1.05E-03	2.13E-06	8.61E-04	1.83E-09	1.0E+06	1.8E-03
196	0.58646	3.89E-03	2.3E-03	1.05E-03	2.38E-06	8.61E-04	2.05E-09	1.0E+06	2.1E-03
197	0.65624	3.89E-03	2.6E-03	1.05E-03	2.67E-06	8.61E-04	2.29E-09	1.0E+06	2.3E-03
198	0.10476	3.89E-03	4.1E-04	1.05E-03	4.25E-07	8.61E-04	3.66E-10	1.0E+06	3.7E-04
199	0.11364	3.89E-03	4.4E-04	1.05E-03	4.62E-07	8.61E-04	3.97E-10	1.0E+06	4.0E-04
200	0.11201	3.89E-03	4.4E-04	1.05E-03	4.55E-07	8.61E-04	3.92E-10	1.0E+06	3.9E-04
201	0.12301	3.89E-03	4.8E-04	1.05E-03	5.00E-07	8.61E-04	4.30E-10	1.0E+06	4.3E-04
202	0.13371	3.89E-03	5.2E-04	1.05E-03	5.43E-07	8.61E-04	4.68E-10	1.0E+06	4.7E-04
203	0.13202	3.89E-03	5.1E-04	1.05E-03	5.36E-07	8.61E-04	4.62E-10	1.0E+06	4.6E-04
204	0.1468	3.89E-03	5.7E-04	1.05E-03	5.96E-07	8.61E-04	5.13E-10	1.0E+06	5.1E-04
205	0.16271	3.89E-03	6.3E-04	1.05E-03	6.61E-07	8.61E-04	5.69E-10	1.0E+06	5.7E-04
206	0.15915	3.89E-03	6.2E-04	1.05E-03	6.46E-07	8.61E-04	5.57E-10	1.0E+06	5.6E-04
207	0.17871	3.89E-03	6.9E-04	1.05E-03	7.26E-07	8.61E-04	6.25E-10	1.0E+06	6.2E-04
208	0.20235	3.89E-03	7.9E-04	1.05E-03	8.22E-07	8.61E-04	7.08E-10	1.0E+06	7.1E-04
209	0.17224	3.89E-03	6.7E-04	1.05E-03	7.00E-07	8.61E-04	6.02E-10	1.0E+06	6.0E-04
210	0.19669	3.89E-03	7.6E-04	1.05E-03	7.99E-07	8.61E-04	6.88E-10	1.0E+06	6.9E-04
211	0.224	3.89E-03	8.7E-04	1.05E-03	9.10E-07	8.61E-04	7.83E-10	1.0E+06	7.8E-04
212	0.21538	3.89E-03	8.4E-04	1.05E-03	8.75E-07	8.61E-04	7.53E-10	1.0E+06	7.5E-04
213	0.25066	3.89E-03	9.7E-04	1.05E-03	1.02E-06	8.61E-04	8.77E-10	1.0E+06	8.8E-04
214	0.29057	3.89E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
215	0.23613	3.89E-03	9.2E-04	1.05E-03	9.59E-07	8.61E-04	8.26E-10	1.0E+06	8.3E-04
216	0.27702	3.89E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.69E-10	1.0E+06	9.7E-04
217	0.32439	3.89E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
218	0.36	3.89E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03
219	0.43643	3.89E-03	1.7E-03	1.05E-03	1.77E-06	8.61E-04	1.53E-09	1.0E+06	1.5E-03
220	0.39169	3.89E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03
221	0.46998	3.89E-03	1.8E-03	1.05E-03	1.91E-06	8.61E-04	1.64E-09	1.0E+06	1.6E-03
222	0.41022	3.89E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03
223	0.48697	3.89E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03
224	0.59137	3.89E-03	2.3E-03	1.05E-03	2.40E-06	8.61E-04	2.07E-09	1.0E+06	2.1E-03
225	0.48249	3.89E-03	1.9E-03	1.05E-03	1.96E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
226	0.56777	3.89E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03
227	0.23355	3.89E-03	9.1E-04	1.05E-03	9.49E-07	8.61E-04	8.17E-10	1.0E+06	8.2E-04
228	0.20197	3.89E-03	7.8E-04	1.05E-03	8.20E-07	8.61E-04	7.06E-10	1.0E+06	7.1E-04
229	0.17615	3.89E-03	6.8E-04	1.05E-03	7.15E-07	8.61E-04	6.16E-10	1.0E+06	6.2E-04
230	0.15485	3.89E-03	6.0E-04	1.05E-03	6.29E-07	8.61E-04	5.42E-10	1.0E+06	5.4E-04
231	0.20348	3.89E-03	7.9E-04	1.05E-03	8.26E-07	8.61E-04	7.12E-10	1.0E+06	7.1E-04
232	0.17835	3.89E-03	6.9E-04	1.05E-03	7.24E-07	8.61E-04	6.24E-10	1.0E+06	6.2E-04
233	0.15736	3.89E-03	6.1E-04	1.05E-03	6.39E-07	8.61E-04	5.50E-10	1.0E+06	5.5E-04
234	0.13974	3.89E-03	5.4E-04	1.05E-03	5.68E-07	8.61E-04	4.89E-10	1.0E+06	4.9E-04
235	0.17833	3.89E-03	6.9E-04	1.05E-03	7.24E-07	8.61E-04	6.24E-10	1.0E+06	6.2E-04
236	0.15822	3.89E-03	6.1E-04	1.05E-03	6.43E-07	8.61E-04	5.53E-10	1.0E+06	5.5E-04
237	0.14108	3.89E-03	5.5E-04	1.05E-03	5.73E-07	8.61E-04	4.93E-10	1.0E+06	4.9E-04
238	0.12644	3.89E-03	4.9E-04	1.05E-03	5.14E-07	8.61E-04	4.42E-10	1.0E+06	4.4E-04
239	2.22163	3.89E-03	8.6E-03	1.05E-03	9.02E-06	8.61E-04	7.77E-09	1.0E+06	7.8E-03
240	2.06114	3.89E-03	8.0E-03	1.05E-03	8.37E-06	8.61E-04	7.21E-09	1.0E+06	7.2E-03
241	1.86961	3.89E-03	7.3E-03	1.05E-03	7.59E-06	8.61E-04	6.54E-09	1.0E+06	6.5E-03
242	1.66802	3.89E-03	6.5E-03	1.05E-03	6.77E-06	8.61E-04	5.83E-09	1.0E+06	5.8E-03
243	1.70554	3.89E-03	6.6E-03	1.05E-03	6.93E-06	8.61E-04	5.96E-09	1.0E+06	6.0E-03
244	1.5936	3.89E-03	6.2E-03	1.05E-03	6.47E-06	8.61E-04	5.57E-09	1.0E+06	5.6E-03
245	1.46293	3.89E-03	5.7E-03	1.05E-03	5.94E-06	8.61E-04	5.12E-09	1.0E+06	5.1E-03
246	1.3252	3.89E-03	5.1E-03	1.05E-03	5.38E-06	8.61E-04	4.63E-09	1.0E+06	4.6E-03
247	1.34955	3.89E-03	5.2E-03	1.05E-03	5.48E-06	8.61E-04	4.72E-09	1.0E+06	4.7E-03
248	1.26835	3.89E-03	4.9E-03	1.05E-03	5.15E-06	8.61E-04	4.44E-09	1.0E+06	4.4E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
249	1.17509	3.89E-03	4.6E-03	1.05E-03	4.77E-06	8.61E-04	4.11E-09	1.0E+06	4.1E-03
250	1.07675	3.89E-03	4.2E-03	1.05E-03	4.37E-06	8.61E-04	3.77E-09	1.0E+06	3.8E-03
251	0.48411	3.89E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
252	0.45239	3.89E-03	1.8E-03	1.05E-03	1.84E-06	8.61E-04	1.58E-09	1.0E+06	1.6E-03
253	0.50717	3.89E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03
254	0.47985	3.89E-03	1.9E-03	1.05E-03	1.95E-06	8.61E-04	1.68E-09	1.0E+06	1.7E-03
255	0.42596	3.89E-03	1.7E-03	1.05E-03	1.73E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03
256	0.40027	3.89E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
257	0.32965	3.89E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.15E-09	1.0E+06	1.2E-03
258	0.44403	3.89E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.6E-03
259	0.42167	3.89E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03
260	0.39932	3.89E-03	1.6E-03	1.05E-03	1.62E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
261	0.37753	3.89E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
262	0.35648	3.89E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.2E-03
263	0.2981	3.89E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
264	0.37342	3.89E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
265	0.35494	3.89E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
266	0.33687	3.89E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
267	0.31938	3.89E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
268	0.27073	3.89E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.47E-10	1.0E+06	9.5E-04
269	0.61165	3.89E-03	2.4E-03	1.05E-03	2.48E-06	8.61E-04	2.14E-09	1.0E+06	2.1E-03
270	0.48384	3.89E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
271	0.39085	3.89E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03
272	0.3216	3.89E-03	1.2E-03	1.05E-03	1.31E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
273	0.26893	3.89E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.40E-10	1.0E+06	9.4E-04
274	0.22814	3.89E-03	8.9E-04	1.05E-03	9.27E-07	8.61E-04	7.98E-10	1.0E+06	8.0E-04
275	0.19599	3.89E-03	7.6E-04	1.05E-03	7.96E-07	8.61E-04	6.85E-10	1.0E+06	6.9E-04
276	0.53069	3.89E-03	2.1E-03	1.05E-03	2.16E-06	8.61E-04	1.86E-09	1.0E+06	1.9E-03
277	0.42196	3.89E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03
278	0.34305	3.89E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
279	0.28421	3.89E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.94E-10	1.0E+06	9.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.23932	3.89E-03	9.3E-04	1.05E-03	9.72E-07	8.61E-04	8.37E-10	1.0E+06	8.4E-04
281	0.20439	3.89E-03	7.9E-04	1.05E-03	8.30E-07	8.61E-04	7.15E-10	1.0E+06	7.1E-04
282	0.17671	3.89E-03	6.9E-04	1.05E-03	7.18E-07	8.61E-04	6.18E-10	1.0E+06	6.2E-04
283	0.45114	3.89E-03	1.8E-03	1.05E-03	1.83E-06	8.61E-04	1.58E-09	1.0E+06	1.6E-03
284	0.36327	3.89E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
285	0.29876	3.89E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
286	0.25008	3.89E-03	9.7E-04	1.05E-03	1.02E-06	8.61E-04	8.75E-10	1.0E+06	8.7E-04
287	0.21253	3.89E-03	8.3E-04	1.05E-03	8.63E-07	8.61E-04	7.43E-10	1.0E+06	7.4E-04
288	0.18301	3.89E-03	7.1E-04	1.05E-03	7.43E-07	8.61E-04	6.40E-10	1.0E+06	6.4E-04
289	0.1594	3.89E-03	6.2E-04	1.05E-03	6.47E-07	8.61E-04	5.57E-10	1.0E+06	5.6E-04
290	0.38278	3.89E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
291	0.31303	3.89E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
292	0.26083	3.89E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.12E-10	1.0E+06	9.1E-04
293	0.2208	3.89E-03	8.6E-04	1.05E-03	8.97E-07	8.61E-04	7.72E-10	1.0E+06	7.7E-04
294	0.18948	3.89E-03	7.4E-04	1.05E-03	7.70E-07	8.61E-04	6.63E-10	1.0E+06	6.6E-04
295	0.16455	3.89E-03	6.4E-04	1.05E-03	6.68E-07	8.61E-04	5.75E-10	1.0E+06	5.8E-04
296	0.14439	3.89E-03	5.6E-04	1.05E-03	5.86E-07	8.61E-04	5.05E-10	1.0E+06	5.0E-04
297	0.32796	3.89E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03
298	0.27223	3.89E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.52E-10	1.0E+06	9.5E-04
299	0.22967	3.89E-03	8.9E-04	1.05E-03	9.33E-07	8.61E-04	8.03E-10	1.0E+06	8.0E-04
300	0.1965	3.89E-03	7.6E-04	1.05E-03	7.98E-07	8.61E-04	6.87E-10	1.0E+06	6.9E-04
301	0.17018	3.89E-03	6.6E-04	1.05E-03	6.91E-07	8.61E-04	5.95E-10	1.0E+06	6.0E-04
302	0.14895	3.89E-03	5.8E-04	1.05E-03	6.05E-07	8.61E-04	5.21E-10	1.0E+06	5.2E-04
303	0.13161	3.89E-03	5.1E-04	1.05E-03	5.35E-07	8.61E-04	4.60E-10	1.0E+06	4.6E-04
304	0.28434	3.89E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.94E-10	1.0E+06	9.9E-04
305	0.23926	3.89E-03	9.3E-04	1.05E-03	9.72E-07	8.61E-04	8.37E-10	1.0E+06	8.4E-04
306	0.20419	3.89E-03	7.9E-04	1.05E-03	8.29E-07	8.61E-04	7.14E-10	1.0E+06	7.1E-04
307	0.17639	3.89E-03	6.9E-04	1.05E-03	7.16E-07	8.61E-04	6.17E-10	1.0E+06	6.2E-04
308	0.15404	3.89E-03	6.0E-04	1.05E-03	6.26E-07	8.61E-04	5.39E-10	1.0E+06	5.4E-04
309	0.1358	3.89E-03	5.3E-04	1.05E-03	5.52E-07	8.61E-04	4.75E-10	1.0E+06	4.7E-04
310	0.12074	3.89E-03	4.7E-04	1.05E-03	4.90E-07	8.61E-04	4.22E-10	1.0E+06	4.2E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.24894	3.89E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.71E-10	1.0E+06	8.7E-04
312	0.21211	3.89E-03	8.2E-04	1.05E-03	8.61E-07	8.61E-04	7.42E-10	1.0E+06	7.4E-04
313	0.18295	3.89E-03	7.1E-04	1.05E-03	7.43E-07	8.61E-04	6.40E-10	1.0E+06	6.4E-04
314	0.15948	3.89E-03	6.2E-04	1.05E-03	6.48E-07	8.61E-04	5.58E-10	1.0E+06	5.6E-04
315	0.14034	3.89E-03	5.5E-04	1.05E-03	5.70E-07	8.61E-04	4.91E-10	1.0E+06	4.9E-04
316	0.12456	3.89E-03	4.8E-04	1.05E-03	5.06E-07	8.61E-04	4.36E-10	1.0E+06	4.4E-04
317	0.1114	3.89E-03	4.3E-04	1.05E-03	4.52E-07	8.61E-04	3.90E-10	1.0E+06	3.9E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Paving Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	3.85E-05
2	5	4.02E-05
3	5	4.07E-05
4	5	5.62E-05
5	5	5.95E-05
6	5	6.28E-05
7	5	6.62E-05
8	5	6.95E-05
9	5	7.28E-05
10	5	7.59E-05
11	5	7.89E-05
12	5	8.18E-05
13	5	8.50E-05
14	5	8.81E-05
15	5	9.15E-05
16	5	9.57E-05
17	5	1.01E-04
18	5	1.07E-04
19	5	1.15E-04
20	5	1.23E-04
21	5	1.32E-04
22	5	1.42E-04
23	5	1.50E-04
24	5	1.58E-04
25	5	1.63E-04
26	5	4.12E-05
27	5	4.31E-05
28	5	4.38E-05
29	5	6.17E-05
30	5	6.56E-05
31	5	6.97E-05

Max	Receptor #
0.002	239

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	7.39E-05
33	5	7.81E-05
34	5	8.22E-05
35	5	8.62E-05
36	5	9.01E-05
37	5	9.40E-05
38	5	9.81E-05
39	5	1.02E-04
40	5	1.06E-04
41	5	1.12E-04
42	5	1.19E-04
43	5	1.27E-04
44	5	1.37E-04
45	5	1.49E-04
46	5	1.60E-04
47	5	1.71E-04
48	5	1.81E-04
49	5	1.88E-04
50	5	1.93E-04
51	5	4.41E-05
52	5	4.63E-05
53	5	4.72E-05
54	5	6.80E-05
55	5	7.27E-05
56	5	7.77E-05
57	5	8.30E-05
58	5	8.84E-05
59	5	9.38E-05
60	5	9.90E-05
61	5	1.04E-04
62	5	1.09E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	1.14E-04
64	5	1.20E-04
65	5	1.25E-04
66	5	1.33E-04
67	5	1.42E-04
68	5	1.54E-04
69	5	1.68E-04
70	5	1.82E-04
71	5	1.97E-04
72	5	2.10E-04
73	5	2.19E-04
74	5	2.26E-04
75	5	2.27E-04
76	5	4.72E-05
77	5	4.98E-05
78	5	5.10E-05
79	5	7.54E-05
80	5	8.10E-05
81	5	8.72E-05
82	5	9.38E-05
83	5	1.01E-04
84	5	1.08E-04
85	5	1.15E-04
86	5	1.22E-04
87	5	1.29E-04
88	5	1.36E-04
89	5	1.43E-04
90	5	1.51E-04
91	5	1.61E-04
92	5	1.74E-04
93	5	1.91E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	2.09E-04
95	5	2.28E-04
96	5	2.46E-04
97	5	2.60E-04
98	5	2.68E-04
99	5	2.71E-04
100	5	2.67E-04
101	5	5.05E-05
102	5	5.36E-05
103	5	5.53E-05
104	5	8.41E-05
105	5	9.10E-05
106	5	9.86E-05
107	5	1.07E-04
108	5	1.16E-04
109	5	1.26E-04
110	5	1.35E-04
111	5	1.46E-04
112	5	1.55E-04
113	5	1.64E-04
114	5	1.73E-04
115	5	1.85E-04
116	5	1.99E-04
117	5	2.19E-04
118	5	2.42E-04
119	5	2.68E-04
120	5	2.92E-04
121	5	3.12E-04
122	5	3.24E-04
123	5	3.28E-04
124	5	3.23E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	5.40E-05
126	5	5.76E-05
127	5	5.98E-05
128	5	1.03E-04
129	5	1.12E-04
130	5	1.23E-04
131	5	1.35E-04
132	5	1.48E-04
133	5	1.62E-04
134	5	1.76E-04
135	5	1.89E-04
136	5	2.02E-04
137	5	2.15E-04
138	5	2.32E-04
139	5	2.54E-04
140	5	2.83E-04
141	5	3.18E-04
142	5	3.52E-04
143	5	3.82E-04
144	5	4.00E-04
145	5	4.05E-04
146	5	3.98E-04
147	5	5.77E-05
148	5	6.19E-05
149	5	6.49E-05
150	5	1.17E-04
151	5	1.29E-04
152	5	1.43E-04
153	5	1.59E-04
154	5	1.77E-04
155	5	1.98E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	2.17E-04
157	5	2.36E-04
158	5	2.55E-04
159	5	2.76E-04
160	5	3.01E-04
161	5	3.36E-04
162	5	3.81E-04
163	5	4.32E-04
164	5	4.77E-04
165	5	5.06E-04
166	5	5.15E-04
167	5	5.03E-04
168	5	4.76E-04
169	5	6.15E-05
170	5	6.63E-05
171	5	7.04E-05
172	5	7.46E-05
173	5	1.34E-04
174	5	1.50E-04
175	5	1.68E-04
176	5	1.90E-04
177	5	2.16E-04
178	5	2.45E-04
179	5	2.75E-04
180	5	3.05E-04
181	5	3.34E-04
182	5	3.66E-04
183	5	6.75E-04
184	5	6.57E-04
185	5	7.09E-05
186	5	7.62E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	8.11E-05
188	5	1.54E-04
189	5	1.75E-04
190	5	2.00E-04
191	5	2.30E-04
192	5	2.68E-04
193	5	3.11E-04
194	5	3.58E-04
195	5	4.07E-04
196	5	4.56E-04
197	5	5.10E-04
198	5	8.14E-05
199	5	8.83E-05
200	5	8.70E-05
201	5	9.56E-05
202	5	1.04E-04
203	5	1.03E-04
204	5	1.14E-04
205	5	1.26E-04
206	5	1.24E-04
207	5	1.39E-04
208	5	1.57E-04
209	5	1.34E-04
210	5	1.53E-04
211	5	1.74E-04
212	5	1.67E-04
213	5	1.95E-04
214	5	2.26E-04
215	5	1.84E-04
216	5	2.15E-04
217	5	2.52E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	2.80E-04
219	5	3.39E-04
220	5	3.04E-04
221	5	3.65E-04
222	5	3.19E-04
223	5	3.78E-04
224	5	4.60E-04
225	5	3.75E-04
226	5	4.41E-04
227	5	1.82E-04
228	5	1.57E-04
229	5	1.37E-04
230	5	1.20E-04
231	5	1.58E-04
232	5	1.39E-04
233	5	1.22E-04
234	5	1.09E-04
235	5	1.39E-04
236	5	1.23E-04
237	5	1.10E-04
238	5	9.83E-05
239	5	1.73E-03
240	5	1.60E-03
241	5	1.45E-03
242	5	1.30E-03
243	5	1.33E-03
244	5	1.24E-03
245	5	1.14E-03
246	5	1.03E-03
247	5	1.05E-03
248	5	9.86E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	9.13E-04
250	5	8.37E-04
251	5	3.76E-04
252	5	3.52E-04
253	5	3.94E-04
254	5	3.73E-04
255	5	3.31E-04
256	5	3.11E-04
257	5	2.56E-04
258	5	3.45E-04
259	5	3.28E-04
260	5	3.10E-04
261	5	2.93E-04
262	5	2.77E-04
263	5	2.32E-04
264	5	2.90E-04
265	5	2.76E-04
266	5	2.62E-04
267	5	2.48E-04
268	5	2.10E-04
269	5	4.75E-04
270	5	3.76E-04
271	5	3.04E-04
272	5	2.50E-04
273	5	2.09E-04
274	5	1.77E-04
275	5	1.52E-04
276	5	4.12E-04
277	5	3.28E-04
278	5	2.67E-04
279	5	2.21E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	1.86E-04
281	5	1.59E-04
282	5	1.37E-04
283	5	3.51E-04
284	5	2.82E-04
285	5	2.32E-04
286	5	1.94E-04
287	5	1.65E-04
288	5	1.42E-04
289	5	1.24E-04
290	5	2.97E-04
291	5	2.43E-04
292	5	2.03E-04
293	5	1.72E-04
294	5	1.47E-04
295	5	1.28E-04
296	5	1.12E-04
297	5	2.55E-04
298	5	2.12E-04
299	5	1.78E-04
300	5	1.53E-04
301	5	1.32E-04
302	5	1.16E-04
303	5	1.02E-04
304	5	2.21E-04
305	5	1.86E-04
306	5	1.59E-04
307	5	1.37E-04
308	5	1.20E-04
309	5	1.06E-04
310	5	9.38E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	1.93E-04
312	5	1.65E-04
313	5	1.42E-04
314	5	1.24E-04
315	5	1.09E-04
316	5	9.68E-05
317	5	8.66E-05



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Parcel 6-H: Unmitigated - Parcel 6 - Architectural Coating Risk



**RINCON CONSULTANTS, INC.**  
Environmental Scientists | Planners | Engineers  
[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05089	8.92E-04	4.5E-05	1.05E-03	4.74E-08	8.61E-04	4.09E-11	1.0E+06	4.1E-05
2	0.05322	8.92E-04	4.7E-05	1.05E-03	4.96E-08	8.61E-04	4.27E-11	1.0E+06	4.3E-05
3	0.05396	8.92E-04	4.8E-05	1.05E-03	5.03E-08	8.61E-04	4.33E-11	1.0E+06	4.3E-05
4	0.07507	8.92E-04	6.7E-05	1.05E-03	7.00E-08	8.61E-04	6.03E-11	1.0E+06	6.0E-05
5	0.0795	8.92E-04	7.1E-05	1.05E-03	7.41E-08	8.61E-04	6.38E-11	1.0E+06	6.4E-05
6	0.08407	8.92E-04	7.5E-05	1.05E-03	7.84E-08	8.61E-04	6.75E-11	1.0E+06	6.7E-05
7	0.08865	8.92E-04	7.9E-05	1.05E-03	8.27E-08	8.61E-04	7.12E-11	1.0E+06	7.1E-05
8	0.09316	8.92E-04	8.3E-05	1.05E-03	8.69E-08	8.61E-04	7.48E-11	1.0E+06	7.5E-05
9	0.09752	8.92E-04	8.7E-05	1.05E-03	9.09E-08	8.61E-04	7.83E-11	1.0E+06	7.8E-05
10	0.10169	8.92E-04	9.1E-05	1.05E-03	9.48E-08	8.61E-04	8.16E-11	1.0E+06	8.2E-05
11	0.10567	8.92E-04	9.4E-05	1.05E-03	9.85E-08	8.61E-04	8.48E-11	1.0E+06	8.5E-05
12	0.10959	8.92E-04	9.8E-05	1.05E-03	1.02E-07	8.61E-04	8.80E-11	1.0E+06	8.8E-05
13	0.11382	8.92E-04	1.0E-04	1.05E-03	1.06E-07	8.61E-04	9.14E-11	1.0E+06	9.1E-05
14	0.1181	8.92E-04	1.1E-04	1.05E-03	1.10E-07	8.61E-04	9.48E-11	1.0E+06	9.5E-05
15	0.12287	8.92E-04	1.1E-04	1.05E-03	1.15E-07	8.61E-04	9.86E-11	1.0E+06	9.9E-05
16	0.1288	8.92E-04	1.1E-04	1.05E-03	1.20E-07	8.61E-04	1.03E-10	1.0E+06	1.0E-04
17	0.13618	8.92E-04	1.2E-04	1.05E-03	1.27E-07	8.61E-04	1.09E-10	1.0E+06	1.1E-04
18	0.14514	8.92E-04	1.3E-04	1.05E-03	1.35E-07	8.61E-04	1.17E-10	1.0E+06	1.2E-04
19	0.15584	8.92E-04	1.4E-04	1.05E-03	1.45E-07	8.61E-04	1.25E-10	1.0E+06	1.3E-04
20	0.16786	8.92E-04	1.5E-04	1.05E-03	1.57E-07	8.61E-04	1.35E-10	1.0E+06	1.3E-04
21	0.1805	8.92E-04	1.6E-04	1.05E-03	1.68E-07	8.61E-04	1.45E-10	1.0E+06	1.4E-04
22	0.19289	8.92E-04	1.7E-04	1.05E-03	1.80E-07	8.61E-04	1.55E-10	1.0E+06	1.5E-04
23	0.2041	8.92E-04	1.8E-04	1.05E-03	1.90E-07	8.61E-04	1.64E-10	1.0E+06	1.6E-04
24	0.21328	8.92E-04	1.9E-04	1.05E-03	1.99E-07	8.61E-04	1.71E-10	1.0E+06	1.7E-04
25	0.21976	8.92E-04	2.0E-04	1.05E-03	2.05E-07	8.61E-04	1.76E-10	1.0E+06	1.8E-04
26	0.05451	8.92E-04	4.9E-05	1.05E-03	5.08E-08	8.61E-04	4.38E-11	1.0E+06	4.4E-05
27	0.05718	8.92E-04	5.1E-05	1.05E-03	5.33E-08	8.61E-04	4.59E-11	1.0E+06	4.6E-05
28	0.05811	8.92E-04	5.2E-05	1.05E-03	5.42E-08	8.61E-04	4.67E-11	1.0E+06	4.7E-05
29	0.08252	8.92E-04	7.4E-05	1.05E-03	7.69E-08	8.61E-04	6.63E-11	1.0E+06	6.6E-05
30	0.08786	8.92E-04	7.8E-05	1.05E-03	8.19E-08	8.61E-04	7.05E-11	1.0E+06	7.1E-05
31	0.09349	8.92E-04	8.3E-05	1.05E-03	8.72E-08	8.61E-04	7.51E-11	1.0E+06	7.5E-05

<b>Max</b>	<b>Receptor #</b>
0.00144	239

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.09926	8.92E-04	8.9E-05	1.05E-03	9.25E-08	8.61E-04	7.97E-11	1.0E+06	8.0E-05
33	0.10499	8.92E-04	9.4E-05	1.05E-03	9.79E-08	8.61E-04	8.43E-11	1.0E+06	8.4E-05
34	0.11058	8.92E-04	9.9E-05	1.05E-03	1.03E-07	8.61E-04	8.88E-11	1.0E+06	8.9E-05
35	0.11596	8.92E-04	1.0E-04	1.05E-03	1.08E-07	8.61E-04	9.31E-11	1.0E+06	9.3E-05
36	0.12109	8.92E-04	1.1E-04	1.05E-03	1.13E-07	8.61E-04	9.72E-11	1.0E+06	9.7E-05
37	0.12642	8.92E-04	1.1E-04	1.05E-03	1.18E-07	8.61E-04	1.01E-10	1.0E+06	1.0E-04
38	0.13185	8.92E-04	1.2E-04	1.05E-03	1.23E-07	8.61E-04	1.06E-10	1.0E+06	1.1E-04
39	0.13715	8.92E-04	1.2E-04	1.05E-03	1.28E-07	8.61E-04	1.10E-10	1.0E+06	1.1E-04
40	0.14335	8.92E-04	1.3E-04	1.05E-03	1.34E-07	8.61E-04	1.15E-10	1.0E+06	1.2E-04
41	0.1513	8.92E-04	1.3E-04	1.05E-03	1.41E-07	8.61E-04	1.21E-10	1.0E+06	1.2E-04
42	0.16111	8.92E-04	1.4E-04	1.05E-03	1.50E-07	8.61E-04	1.29E-10	1.0E+06	1.3E-04
43	0.17327	8.92E-04	1.5E-04	1.05E-03	1.62E-07	8.61E-04	1.39E-10	1.0E+06	1.4E-04
44	0.18759	8.92E-04	1.7E-04	1.05E-03	1.75E-07	8.61E-04	1.51E-10	1.0E+06	1.5E-04
45	0.20326	8.92E-04	1.8E-04	1.05E-03	1.90E-07	8.61E-04	1.63E-10	1.0E+06	1.6E-04
46	0.21909	8.92E-04	2.0E-04	1.05E-03	2.04E-07	8.61E-04	1.76E-10	1.0E+06	1.8E-04
47	0.23373	8.92E-04	2.1E-04	1.05E-03	2.18E-07	8.61E-04	1.88E-10	1.0E+06	1.9E-04
48	0.24587	8.92E-04	2.2E-04	1.05E-03	2.29E-07	8.61E-04	1.97E-10	1.0E+06	2.0E-04
49	0.25449	8.92E-04	2.3E-04	1.05E-03	2.37E-07	8.61E-04	2.04E-10	1.0E+06	2.0E-04
50	0.25895	8.92E-04	2.3E-04	1.05E-03	2.41E-07	8.61E-04	2.08E-10	1.0E+06	2.1E-04
51	0.05842	8.92E-04	5.2E-05	1.05E-03	5.45E-08	8.61E-04	4.69E-11	1.0E+06	4.7E-05
52	0.06153	8.92E-04	5.5E-05	1.05E-03	5.74E-08	8.61E-04	4.94E-11	1.0E+06	4.9E-05
53	0.06276	8.92E-04	5.6E-05	1.05E-03	5.85E-08	8.61E-04	5.04E-11	1.0E+06	5.0E-05
54	0.09119	8.92E-04	8.1E-05	1.05E-03	8.50E-08	8.61E-04	7.32E-11	1.0E+06	7.3E-05
55	0.09762	8.92E-04	8.7E-05	1.05E-03	9.10E-08	8.61E-04	7.84E-11	1.0E+06	7.8E-05
56	0.10456	8.92E-04	9.3E-05	1.05E-03	9.75E-08	8.61E-04	8.39E-11	1.0E+06	8.4E-05
57	0.11185	8.92E-04	1.0E-04	1.05E-03	1.04E-07	8.61E-04	8.98E-11	1.0E+06	9.0E-05
58	0.11923	8.92E-04	1.1E-04	1.05E-03	1.11E-07	8.61E-04	9.57E-11	1.0E+06	9.6E-05
59	0.12656	8.92E-04	1.1E-04	1.05E-03	1.18E-07	8.61E-04	1.02E-10	1.0E+06	1.0E-04
60	0.13366	8.92E-04	1.2E-04	1.05E-03	1.25E-07	8.61E-04	1.07E-10	1.0E+06	1.1E-04
61	0.14044	8.92E-04	1.3E-04	1.05E-03	1.31E-07	8.61E-04	1.13E-10	1.0E+06	1.1E-04
62	0.14764	8.92E-04	1.3E-04	1.05E-03	1.38E-07	8.61E-04	1.19E-10	1.0E+06	1.2E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
63	0.15452	8.92E-04	1.4E-04	1.05E-03	1.44E-07	8.61E-04	1.24E-10	1.0E+06	1.2E-04
64	0.16149	8.92E-04	1.4E-04	1.05E-03	1.51E-07	8.61E-04	1.30E-10	1.0E+06	1.3E-04
65	0.16978	8.92E-04	1.5E-04	1.05E-03	1.58E-07	8.61E-04	1.36E-10	1.0E+06	1.4E-04
66	0.18063	8.92E-04	1.6E-04	1.05E-03	1.68E-07	8.61E-04	1.45E-10	1.0E+06	1.5E-04
67	0.19415	8.92E-04	1.7E-04	1.05E-03	1.81E-07	8.61E-04	1.56E-10	1.0E+06	1.6E-04
68	0.21097	8.92E-04	1.9E-04	1.05E-03	1.97E-07	8.61E-04	1.69E-10	1.0E+06	1.7E-04
69	0.23036	8.92E-04	2.1E-04	1.05E-03	2.15E-07	8.61E-04	1.85E-10	1.0E+06	1.8E-04
70	0.25078	8.92E-04	2.2E-04	1.05E-03	2.34E-07	8.61E-04	2.01E-10	1.0E+06	2.0E-04
71	0.27022	8.92E-04	2.4E-04	1.05E-03	2.52E-07	8.61E-04	2.17E-10	1.0E+06	2.2E-04
72	0.28666	8.92E-04	2.6E-04	1.05E-03	2.67E-07	8.61E-04	2.30E-10	1.0E+06	2.3E-04
73	0.29842	8.92E-04	2.7E-04	1.05E-03	2.78E-07	8.61E-04	2.40E-10	1.0E+06	2.4E-04
74	0.30448	8.92E-04	2.7E-04	1.05E-03	2.84E-07	8.61E-04	2.44E-10	1.0E+06	2.4E-04
75	0.30458	8.92E-04	2.7E-04	1.05E-03	2.84E-07	8.61E-04	2.45E-10	1.0E+06	2.4E-04
76	0.06262	8.92E-04	5.6E-05	1.05E-03	5.84E-08	8.61E-04	5.03E-11	1.0E+06	5.0E-05
77	0.06625	8.92E-04	5.9E-05	1.05E-03	6.18E-08	8.61E-04	5.32E-11	1.0E+06	5.3E-05
78	0.06796	8.92E-04	6.1E-05	1.05E-03	6.34E-08	8.61E-04	5.46E-11	1.0E+06	5.5E-05
79	0.10137	8.92E-04	9.0E-05	1.05E-03	9.45E-08	8.61E-04	8.14E-11	1.0E+06	8.1E-05
80	0.10914	8.92E-04	9.7E-05	1.05E-03	1.02E-07	8.61E-04	8.76E-11	1.0E+06	8.8E-05
81	0.1177	8.92E-04	1.0E-04	1.05E-03	1.10E-07	8.61E-04	9.45E-11	1.0E+06	9.4E-05
82	0.12693	8.92E-04	1.1E-04	1.05E-03	1.18E-07	8.61E-04	1.02E-10	1.0E+06	1.0E-04
83	0.13659	8.92E-04	1.2E-04	1.05E-03	1.27E-07	8.61E-04	1.10E-10	1.0E+06	1.1E-04
84	0.14635	8.92E-04	1.3E-04	1.05E-03	1.36E-07	8.61E-04	1.17E-10	1.0E+06	1.2E-04
85	0.15592	8.92E-04	1.4E-04	1.05E-03	1.45E-07	8.61E-04	1.25E-10	1.0E+06	1.3E-04
86	0.16586	8.92E-04	1.5E-04	1.05E-03	1.55E-07	8.61E-04	1.33E-10	1.0E+06	1.3E-04
87	0.17522	8.92E-04	1.6E-04	1.05E-03	1.63E-07	8.61E-04	1.41E-10	1.0E+06	1.4E-04
88	0.18393	8.92E-04	1.6E-04	1.05E-03	1.71E-07	8.61E-04	1.48E-10	1.0E+06	1.5E-04
89	0.19334	8.92E-04	1.7E-04	1.05E-03	1.80E-07	8.61E-04	1.55E-10	1.0E+06	1.6E-04
90	0.20485	8.92E-04	1.8E-04	1.05E-03	1.91E-07	8.61E-04	1.64E-10	1.0E+06	1.6E-04
91	0.21991	8.92E-04	2.0E-04	1.05E-03	2.05E-07	8.61E-04	1.77E-10	1.0E+06	1.8E-04
92	0.23922	8.92E-04	2.1E-04	1.05E-03	2.23E-07	8.61E-04	1.92E-10	1.0E+06	1.9E-04
93	0.26296	8.92E-04	2.3E-04	1.05E-03	2.45E-07	8.61E-04	2.11E-10	1.0E+06	2.1E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.2894	8.92E-04	2.6E-04	1.05E-03	2.70E-07	8.61E-04	2.32E-10	1.0E+06	2.3E-04
95	0.31566	8.92E-04	2.8E-04	1.05E-03	2.94E-07	8.61E-04	2.53E-10	1.0E+06	2.5E-04
96	0.33848	8.92E-04	3.0E-04	1.05E-03	3.16E-07	8.61E-04	2.72E-10	1.0E+06	2.7E-04
97	0.35504	8.92E-04	3.2E-04	1.05E-03	3.31E-07	8.61E-04	2.85E-10	1.0E+06	2.9E-04
98	0.36357	8.92E-04	3.2E-04	1.05E-03	3.39E-07	8.61E-04	2.92E-10	1.0E+06	2.9E-04
99	0.36359	8.92E-04	3.2E-04	1.05E-03	3.39E-07	8.61E-04	2.92E-10	1.0E+06	2.9E-04
100	0.35579	8.92E-04	3.2E-04	1.05E-03	3.32E-07	8.61E-04	2.86E-10	1.0E+06	2.9E-04
101	0.06711	8.92E-04	6.0E-05	1.05E-03	6.26E-08	8.61E-04	5.39E-11	1.0E+06	5.4E-05
102	0.07134	8.92E-04	6.4E-05	1.05E-03	6.65E-08	8.61E-04	5.73E-11	1.0E+06	5.7E-05
103	0.0737	8.92E-04	6.6E-05	1.05E-03	6.87E-08	8.61E-04	5.92E-11	1.0E+06	5.9E-05
104	0.1134	8.92E-04	1.0E-04	1.05E-03	1.06E-07	8.61E-04	9.10E-11	1.0E+06	9.1E-05
105	0.12288	8.92E-04	1.1E-04	1.05E-03	1.15E-07	8.61E-04	9.87E-11	1.0E+06	9.9E-05
106	0.13351	8.92E-04	1.2E-04	1.05E-03	1.24E-07	8.61E-04	1.07E-10	1.0E+06	1.1E-04
107	0.1453	8.92E-04	1.3E-04	1.05E-03	1.35E-07	8.61E-04	1.17E-10	1.0E+06	1.2E-04
108	0.15802	8.92E-04	1.4E-04	1.05E-03	1.47E-07	8.61E-04	1.27E-10	1.0E+06	1.3E-04
109	0.17121	8.92E-04	1.5E-04	1.05E-03	1.60E-07	8.61E-04	1.37E-10	1.0E+06	1.4E-04
110	0.1846	8.92E-04	1.6E-04	1.05E-03	1.72E-07	8.61E-04	1.48E-10	1.0E+06	1.5E-04
111	0.19876	8.92E-04	1.8E-04	1.05E-03	1.85E-07	8.61E-04	1.60E-10	1.0E+06	1.6E-04
112	0.21103	8.92E-04	1.9E-04	1.05E-03	1.97E-07	8.61E-04	1.69E-10	1.0E+06	1.7E-04
113	0.22309	8.92E-04	2.0E-04	1.05E-03	2.08E-07	8.61E-04	1.79E-10	1.0E+06	1.8E-04
114	0.23619	8.92E-04	2.1E-04	1.05E-03	2.20E-07	8.61E-04	1.90E-10	1.0E+06	1.9E-04
115	0.25252	8.92E-04	2.3E-04	1.05E-03	2.35E-07	8.61E-04	2.03E-10	1.0E+06	2.0E-04
116	0.27399	8.92E-04	2.4E-04	1.05E-03	2.55E-07	8.61E-04	2.20E-10	1.0E+06	2.2E-04
117	0.30252	8.92E-04	2.7E-04	1.05E-03	2.82E-07	8.61E-04	2.43E-10	1.0E+06	2.4E-04
118	0.33678	8.92E-04	3.0E-04	1.05E-03	3.14E-07	8.61E-04	2.70E-10	1.0E+06	2.7E-04
119	0.37286	8.92E-04	3.3E-04	1.05E-03	3.48E-07	8.61E-04	2.99E-10	1.0E+06	3.0E-04
120	0.4054	8.92E-04	3.6E-04	1.05E-03	3.78E-07	8.61E-04	3.25E-10	1.0E+06	3.3E-04
121	0.42958	8.92E-04	3.8E-04	1.05E-03	4.01E-07	8.61E-04	3.45E-10	1.0E+06	3.4E-04
122	0.44212	8.92E-04	3.9E-04	1.05E-03	4.12E-07	8.61E-04	3.55E-10	1.0E+06	3.5E-04
123	0.44209	8.92E-04	3.9E-04	1.05E-03	4.12E-07	8.61E-04	3.55E-10	1.0E+06	3.5E-04
124	0.43062	8.92E-04	3.8E-04	1.05E-03	4.02E-07	8.61E-04	3.46E-10	1.0E+06	3.5E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
125	0.07185	8.92E-04	6.4E-05	1.05E-03	6.70E-08	8.61E-04	5.77E-11	1.0E+06	5.8E-05
126	0.07676	8.92E-04	6.8E-05	1.05E-03	7.16E-08	8.61E-04	6.16E-11	1.0E+06	6.2E-05
127	0.07989	8.92E-04	7.1E-05	1.05E-03	7.45E-08	8.61E-04	6.41E-11	1.0E+06	6.4E-05
128	0.13941	8.92E-04	1.2E-04	1.05E-03	1.30E-07	8.61E-04	1.12E-10	1.0E+06	1.1E-04
129	0.15276	8.92E-04	1.4E-04	1.05E-03	1.42E-07	8.61E-04	1.23E-10	1.0E+06	1.2E-04
130	0.16796	8.92E-04	1.5E-04	1.05E-03	1.57E-07	8.61E-04	1.35E-10	1.0E+06	1.3E-04
131	0.18484	8.92E-04	1.6E-04	1.05E-03	1.72E-07	8.61E-04	1.48E-10	1.0E+06	1.5E-04
132	0.20295	8.92E-04	1.8E-04	1.05E-03	1.89E-07	8.61E-04	1.63E-10	1.0E+06	1.6E-04
133	0.2225	8.92E-04	2.0E-04	1.05E-03	2.07E-07	8.61E-04	1.79E-10	1.0E+06	1.8E-04
134	0.24182	8.92E-04	2.2E-04	1.05E-03	2.25E-07	8.61E-04	1.94E-10	1.0E+06	1.9E-04
135	0.25944	8.92E-04	2.3E-04	1.05E-03	2.42E-07	8.61E-04	2.08E-10	1.0E+06	2.1E-04
136	0.27674	8.92E-04	2.5E-04	1.05E-03	2.58E-07	8.61E-04	2.22E-10	1.0E+06	2.2E-04
137	0.29562	8.92E-04	2.6E-04	1.05E-03	2.76E-07	8.61E-04	2.37E-10	1.0E+06	2.4E-04
138	0.31986	8.92E-04	2.9E-04	1.05E-03	2.98E-07	8.61E-04	2.57E-10	1.0E+06	2.6E-04
139	0.35199	8.92E-04	3.1E-04	1.05E-03	3.28E-07	8.61E-04	2.83E-10	1.0E+06	2.8E-04
140	0.39527	8.92E-04	3.5E-04	1.05E-03	3.69E-07	8.61E-04	3.17E-10	1.0E+06	3.2E-04
141	0.44504	8.92E-04	4.0E-04	1.05E-03	4.15E-07	8.61E-04	3.57E-10	1.0E+06	3.6E-04
142	0.49295	8.92E-04	4.4E-04	1.05E-03	4.60E-07	8.61E-04	3.96E-10	1.0E+06	4.0E-04
143	0.53	8.92E-04	4.7E-04	1.05E-03	4.94E-07	8.61E-04	4.26E-10	1.0E+06	4.3E-04
144	0.54952	8.92E-04	4.9E-04	1.05E-03	5.12E-07	8.61E-04	4.41E-10	1.0E+06	4.4E-04
145	0.54958	8.92E-04	4.9E-04	1.05E-03	5.12E-07	8.61E-04	4.41E-10	1.0E+06	4.4E-04
146	0.53222	8.92E-04	4.7E-04	1.05E-03	4.96E-07	8.61E-04	4.27E-10	1.0E+06	4.3E-04
147	0.07681	8.92E-04	6.9E-05	1.05E-03	7.16E-08	8.61E-04	6.17E-11	1.0E+06	6.2E-05
148	0.08251	8.92E-04	7.4E-05	1.05E-03	7.69E-08	8.61E-04	6.62E-11	1.0E+06	6.6E-05
149	0.08676	8.92E-04	7.7E-05	1.05E-03	8.09E-08	8.61E-04	6.97E-11	1.0E+06	7.0E-05
150	0.15937	8.92E-04	1.4E-04	1.05E-03	1.49E-07	8.61E-04	1.28E-10	1.0E+06	1.3E-04
151	0.17642	8.92E-04	1.6E-04	1.05E-03	1.64E-07	8.61E-04	1.42E-10	1.0E+06	1.4E-04
152	0.1962	8.92E-04	1.8E-04	1.05E-03	1.83E-07	8.61E-04	1.58E-10	1.0E+06	1.6E-04
153	0.2189	8.92E-04	2.0E-04	1.05E-03	2.04E-07	8.61E-04	1.76E-10	1.0E+06	1.8E-04
154	0.24419	8.92E-04	2.2E-04	1.05E-03	2.28E-07	8.61E-04	1.96E-10	1.0E+06	2.0E-04
155	0.27349	8.92E-04	2.4E-04	1.05E-03	2.55E-07	8.61E-04	2.20E-10	1.0E+06	2.2E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.30075	8.92E-04	2.7E-04	1.05E-03	2.80E-07	8.61E-04	2.41E-10	1.0E+06	2.4E-04
157	0.3271	8.92E-04	2.9E-04	1.05E-03	3.05E-07	8.61E-04	2.63E-10	1.0E+06	2.6E-04
158	0.35302	8.92E-04	3.1E-04	1.05E-03	3.29E-07	8.61E-04	2.83E-10	1.0E+06	2.8E-04
159	0.38143	8.92E-04	3.4E-04	1.05E-03	3.56E-07	8.61E-04	3.06E-10	1.0E+06	3.1E-04
160	0.41803	8.92E-04	3.7E-04	1.05E-03	3.90E-07	8.61E-04	3.36E-10	1.0E+06	3.4E-04
161	0.46972	8.92E-04	4.2E-04	1.05E-03	4.38E-07	8.61E-04	3.77E-10	1.0E+06	3.8E-04
162	0.53766	8.92E-04	4.8E-04	1.05E-03	5.01E-07	8.61E-04	4.32E-10	1.0E+06	4.3E-04
163	0.60946	8.92E-04	5.4E-04	1.05E-03	5.68E-07	8.61E-04	4.89E-10	1.0E+06	4.9E-04
164	0.66861	8.92E-04	6.0E-04	1.05E-03	6.23E-07	8.61E-04	5.37E-10	1.0E+06	5.4E-04
165	0.70107	8.92E-04	6.3E-04	1.05E-03	6.54E-07	8.61E-04	5.63E-10	1.0E+06	5.6E-04
166	0.70196	8.92E-04	6.3E-04	1.05E-03	6.55E-07	8.61E-04	5.64E-10	1.0E+06	5.6E-04
167	0.6748	8.92E-04	6.0E-04	1.05E-03	6.29E-07	8.61E-04	5.42E-10	1.0E+06	5.4E-04
168	0.62777	8.92E-04	5.6E-04	1.05E-03	5.85E-07	8.61E-04	5.04E-10	1.0E+06	5.0E-04
169	0.08192	8.92E-04	7.3E-05	1.05E-03	7.64E-08	8.61E-04	6.58E-11	1.0E+06	6.6E-05
170	0.0885	8.92E-04	7.9E-05	1.05E-03	8.25E-08	8.61E-04	7.11E-11	1.0E+06	7.1E-05
171	0.09426	8.92E-04	8.4E-05	1.05E-03	8.79E-08	8.61E-04	7.57E-11	1.0E+06	7.6E-05
172	0.10007	8.92E-04	8.9E-05	1.05E-03	9.33E-08	8.61E-04	8.03E-11	1.0E+06	8.0E-05
173	0.18335	8.92E-04	1.6E-04	1.05E-03	1.71E-07	8.61E-04	1.47E-10	1.0E+06	1.5E-04
174	0.20566	8.92E-04	1.8E-04	1.05E-03	1.92E-07	8.61E-04	1.65E-10	1.0E+06	1.7E-04
175	0.23199	8.92E-04	2.1E-04	1.05E-03	2.16E-07	8.61E-04	1.86E-10	1.0E+06	1.9E-04
176	0.26292	8.92E-04	2.3E-04	1.05E-03	2.45E-07	8.61E-04	2.11E-10	1.0E+06	2.1E-04
177	0.29966	8.92E-04	2.7E-04	1.05E-03	2.79E-07	8.61E-04	2.41E-10	1.0E+06	2.4E-04
178	0.34214	8.92E-04	3.1E-04	1.05E-03	3.19E-07	8.61E-04	2.75E-10	1.0E+06	2.7E-04
179	0.3841	8.92E-04	3.4E-04	1.05E-03	3.58E-07	8.61E-04	3.08E-10	1.0E+06	3.1E-04
180	0.42576	8.92E-04	3.8E-04	1.05E-03	3.97E-07	8.61E-04	3.42E-10	1.0E+06	3.4E-04
181	0.46634	8.92E-04	4.2E-04	1.05E-03	4.35E-07	8.61E-04	3.74E-10	1.0E+06	3.7E-04
182	0.51097	8.92E-04	4.6E-04	1.05E-03	4.76E-07	8.61E-04	4.10E-10	1.0E+06	4.1E-04
183	0.92784	8.92E-04	8.3E-04	1.05E-03	8.65E-07	8.61E-04	7.45E-10	1.0E+06	7.4E-04
184	0.88338	8.92E-04	7.9E-04	1.05E-03	8.24E-07	8.61E-04	7.09E-10	1.0E+06	7.1E-04
185	0.09462	8.92E-04	8.4E-05	1.05E-03	8.82E-08	8.61E-04	7.60E-11	1.0E+06	7.6E-05
186	0.10201	8.92E-04	9.1E-05	1.05E-03	9.51E-08	8.61E-04	8.19E-11	1.0E+06	8.2E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
187	0.10888	8.92E-04	9.7E-05	1.05E-03	1.02E-07	8.61E-04	8.74E-11	1.0E+06	8.7E-05
188	0.21178	8.92E-04	1.9E-04	1.05E-03	1.97E-07	8.61E-04	1.70E-10	1.0E+06	1.7E-04
189	0.24155	8.92E-04	2.2E-04	1.05E-03	2.25E-07	8.61E-04	1.94E-10	1.0E+06	1.9E-04
190	0.27743	8.92E-04	2.5E-04	1.05E-03	2.59E-07	8.61E-04	2.23E-10	1.0E+06	2.2E-04
191	0.32086	8.92E-04	2.9E-04	1.05E-03	2.99E-07	8.61E-04	2.58E-10	1.0E+06	2.6E-04
192	0.37606	8.92E-04	3.4E-04	1.05E-03	3.51E-07	8.61E-04	3.02E-10	1.0E+06	3.0E-04
193	0.4387	8.92E-04	3.9E-04	1.05E-03	4.09E-07	8.61E-04	3.52E-10	1.0E+06	3.5E-04
194	0.50681	8.92E-04	4.5E-04	1.05E-03	4.73E-07	8.61E-04	4.07E-10	1.0E+06	4.1E-04
195	0.57623	8.92E-04	5.1E-04	1.05E-03	5.37E-07	8.61E-04	4.63E-10	1.0E+06	4.6E-04
196	0.64394	8.92E-04	5.7E-04	1.05E-03	6.00E-07	8.61E-04	5.17E-10	1.0E+06	5.2E-04
197	0.71968	8.92E-04	6.4E-04	1.05E-03	6.71E-07	8.61E-04	5.78E-10	1.0E+06	5.8E-04
198	0.10907	8.92E-04	9.7E-05	1.05E-03	1.02E-07	8.61E-04	8.76E-11	1.0E+06	8.8E-05
199	0.11867	8.92E-04	1.1E-04	1.05E-03	1.11E-07	8.61E-04	9.53E-11	1.0E+06	9.5E-05
200	0.11664	8.92E-04	1.0E-04	1.05E-03	1.09E-07	8.61E-04	9.36E-11	1.0E+06	9.4E-05
201	0.12849	8.92E-04	1.1E-04	1.05E-03	1.20E-07	8.61E-04	1.03E-10	1.0E+06	1.0E-04
202	0.14013	8.92E-04	1.3E-04	1.05E-03	1.31E-07	8.61E-04	1.13E-10	1.0E+06	1.1E-04
203	0.13793	8.92E-04	1.2E-04	1.05E-03	1.29E-07	8.61E-04	1.11E-10	1.0E+06	1.1E-04
204	0.15391	8.92E-04	1.4E-04	1.05E-03	1.44E-07	8.61E-04	1.24E-10	1.0E+06	1.2E-04
205	0.17123	8.92E-04	1.5E-04	1.05E-03	1.60E-07	8.61E-04	1.37E-10	1.0E+06	1.4E-04
206	0.167	8.92E-04	1.5E-04	1.05E-03	1.56E-07	8.61E-04	1.34E-10	1.0E+06	1.3E-04
207	0.18823	8.92E-04	1.7E-04	1.05E-03	1.76E-07	8.61E-04	1.51E-10	1.0E+06	1.5E-04
208	0.21405	8.92E-04	1.9E-04	1.05E-03	2.00E-07	8.61E-04	1.72E-10	1.0E+06	1.7E-04
209	0.18105	8.92E-04	1.6E-04	1.05E-03	1.69E-07	8.61E-04	1.45E-10	1.0E+06	1.5E-04
210	0.20755	8.92E-04	1.9E-04	1.05E-03	1.94E-07	8.61E-04	1.67E-10	1.0E+06	1.7E-04
211	0.2374	8.92E-04	2.1E-04	1.05E-03	2.21E-07	8.61E-04	1.91E-10	1.0E+06	1.9E-04
212	0.22783	8.92E-04	2.0E-04	1.05E-03	2.12E-07	8.61E-04	1.83E-10	1.0E+06	1.8E-04
213	0.26637	8.92E-04	2.4E-04	1.05E-03	2.48E-07	8.61E-04	2.14E-10	1.0E+06	2.1E-04
214	0.31039	8.92E-04	2.8E-04	1.05E-03	2.89E-07	8.61E-04	2.49E-10	1.0E+06	2.5E-04
215	0.2503	8.92E-04	2.2E-04	1.05E-03	2.33E-07	8.61E-04	2.01E-10	1.0E+06	2.0E-04
216	0.29503	8.92E-04	2.6E-04	1.05E-03	2.75E-07	8.61E-04	2.37E-10	1.0E+06	2.4E-04
217	0.3473	8.92E-04	3.1E-04	1.05E-03	3.24E-07	8.61E-04	2.79E-10	1.0E+06	2.8E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
218	0.38517	8.92E-04	3.4E-04	1.05E-03	3.59E-07	8.61E-04	3.09E-10	1.0E+06	3.1E-04
219	0.46923	8.92E-04	4.2E-04	1.05E-03	4.38E-07	8.61E-04	3.77E-10	1.0E+06	3.8E-04
220	0.41673	8.92E-04	3.7E-04	1.05E-03	3.89E-07	8.61E-04	3.35E-10	1.0E+06	3.3E-04
221	0.50119	8.92E-04	4.5E-04	1.05E-03	4.67E-07	8.61E-04	4.02E-10	1.0E+06	4.0E-04
222	0.43179	8.92E-04	3.9E-04	1.05E-03	4.03E-07	8.61E-04	3.47E-10	1.0E+06	3.5E-04
223	0.51209	8.92E-04	4.6E-04	1.05E-03	4.77E-07	8.61E-04	4.11E-10	1.0E+06	4.1E-04
224	0.62011	8.92E-04	5.5E-04	1.05E-03	5.78E-07	8.61E-04	4.98E-10	1.0E+06	5.0E-04
225	0.49876	8.92E-04	4.4E-04	1.05E-03	4.65E-07	8.61E-04	4.00E-10	1.0E+06	4.0E-04
226	0.58314	8.92E-04	5.2E-04	1.05E-03	5.44E-07	8.61E-04	4.68E-10	1.0E+06	4.7E-04
227	0.21544	8.92E-04	1.9E-04	1.05E-03	2.01E-07	8.61E-04	1.73E-10	1.0E+06	1.7E-04
228	0.18752	8.92E-04	1.7E-04	1.05E-03	1.75E-07	8.61E-04	1.51E-10	1.0E+06	1.5E-04
229	0.1645	8.92E-04	1.5E-04	1.05E-03	1.53E-07	8.61E-04	1.32E-10	1.0E+06	1.3E-04
230	0.14535	8.92E-04	1.3E-04	1.05E-03	1.36E-07	8.61E-04	1.17E-10	1.0E+06	1.2E-04
231	0.18886	8.92E-04	1.7E-04	1.05E-03	1.76E-07	8.61E-04	1.52E-10	1.0E+06	1.5E-04
232	0.16644	8.92E-04	1.5E-04	1.05E-03	1.55E-07	8.61E-04	1.34E-10	1.0E+06	1.3E-04
233	0.14759	8.92E-04	1.3E-04	1.05E-03	1.38E-07	8.61E-04	1.18E-10	1.0E+06	1.2E-04
234	0.13165	8.92E-04	1.2E-04	1.05E-03	1.23E-07	8.61E-04	1.06E-10	1.0E+06	1.1E-04
235	0.16644	8.92E-04	1.5E-04	1.05E-03	1.55E-07	8.61E-04	1.34E-10	1.0E+06	1.3E-04
236	0.14836	8.92E-04	1.3E-04	1.05E-03	1.38E-07	8.61E-04	1.19E-10	1.0E+06	1.2E-04
237	0.13285	8.92E-04	1.2E-04	1.05E-03	1.24E-07	8.61E-04	1.07E-10	1.0E+06	1.1E-04
238	0.11953	8.92E-04	1.1E-04	1.05E-03	1.11E-07	8.61E-04	9.60E-11	1.0E+06	9.6E-05
239	1.79074	8.92E-04	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03
240	1.64972	8.92E-04	1.5E-03	1.05E-03	1.54E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
241	1.49502	8.92E-04	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
242	1.3416	8.92E-04	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
243	1.41191	8.92E-04	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
244	1.31193	8.92E-04	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03
245	1.20286	8.92E-04	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.66E-10	1.0E+06	9.7E-04
246	1.09381	8.92E-04	9.8E-04	1.05E-03	1.02E-06	8.61E-04	8.78E-10	1.0E+06	8.8E-04
247	1.14108	8.92E-04	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.16E-10	1.0E+06	9.2E-04
248	1.06749	8.92E-04	9.5E-04	1.05E-03	9.95E-07	8.61E-04	8.57E-10	1.0E+06	8.6E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
249	0.98763	8.92E-04	8.8E-04	1.05E-03	9.21E-07	8.61E-04	7.93E-10	1.0E+06	7.9E-04
250	0.90725	8.92E-04	8.1E-04	1.05E-03	8.46E-07	8.61E-04	7.28E-10	1.0E+06	7.3E-04
251	0.43231	8.92E-04	3.9E-04	1.05E-03	4.03E-07	8.61E-04	3.47E-10	1.0E+06	3.5E-04
252	0.4054	8.92E-04	3.6E-04	1.05E-03	3.78E-07	8.61E-04	3.25E-10	1.0E+06	3.3E-04
253	0.45453	8.92E-04	4.1E-04	1.05E-03	4.24E-07	8.61E-04	3.65E-10	1.0E+06	3.6E-04
254	0.43011	8.92E-04	3.8E-04	1.05E-03	4.01E-07	8.61E-04	3.45E-10	1.0E+06	3.5E-04
255	0.38337	8.92E-04	3.4E-04	1.05E-03	3.57E-07	8.61E-04	3.08E-10	1.0E+06	3.1E-04
256	0.36132	8.92E-04	3.2E-04	1.05E-03	3.37E-07	8.61E-04	2.90E-10	1.0E+06	2.9E-04
257	0.30023	8.92E-04	2.7E-04	1.05E-03	2.80E-07	8.61E-04	2.41E-10	1.0E+06	2.4E-04
258	0.40108	8.92E-04	3.6E-04	1.05E-03	3.74E-07	8.61E-04	3.22E-10	1.0E+06	3.2E-04
259	0.38089	8.92E-04	3.4E-04	1.05E-03	3.55E-07	8.61E-04	3.06E-10	1.0E+06	3.1E-04
260	0.36112	8.92E-04	3.2E-04	1.05E-03	3.37E-07	8.61E-04	2.90E-10	1.0E+06	2.9E-04
261	0.34214	8.92E-04	3.1E-04	1.05E-03	3.19E-07	8.61E-04	2.75E-10	1.0E+06	2.7E-04
262	0.32389	8.92E-04	2.9E-04	1.05E-03	3.02E-07	8.61E-04	2.60E-10	1.0E+06	2.6E-04
263	0.27295	8.92E-04	2.4E-04	1.05E-03	2.54E-07	8.61E-04	2.19E-10	1.0E+06	2.2E-04
264	0.33957	8.92E-04	3.0E-04	1.05E-03	3.17E-07	8.61E-04	2.73E-10	1.0E+06	2.7E-04
265	0.32307	8.92E-04	2.9E-04	1.05E-03	3.01E-07	8.61E-04	2.59E-10	1.0E+06	2.6E-04
266	0.30716	8.92E-04	2.7E-04	1.05E-03	2.86E-07	8.61E-04	2.47E-10	1.0E+06	2.5E-04
267	0.29185	8.92E-04	2.6E-04	1.05E-03	2.72E-07	8.61E-04	2.34E-10	1.0E+06	2.3E-04
268	0.2491	8.92E-04	2.2E-04	1.05E-03	2.32E-07	8.61E-04	2.00E-10	1.0E+06	2.0E-04
269	0.55078	8.92E-04	4.9E-04	1.05E-03	5.14E-07	8.61E-04	4.42E-10	1.0E+06	4.4E-04
270	0.43859	8.92E-04	3.9E-04	1.05E-03	4.09E-07	8.61E-04	3.52E-10	1.0E+06	3.5E-04
271	0.35669	8.92E-04	3.2E-04	1.05E-03	3.33E-07	8.61E-04	2.86E-10	1.0E+06	2.9E-04
272	0.29539	8.92E-04	2.6E-04	1.05E-03	2.75E-07	8.61E-04	2.37E-10	1.0E+06	2.4E-04
273	0.2485	8.92E-04	2.2E-04	1.05E-03	2.32E-07	8.61E-04	2.00E-10	1.0E+06	2.0E-04
274	0.212	8.92E-04	1.9E-04	1.05E-03	1.98E-07	8.61E-04	1.70E-10	1.0E+06	1.7E-04
275	0.18306	8.92E-04	1.6E-04	1.05E-03	1.71E-07	8.61E-04	1.47E-10	1.0E+06	1.5E-04
276	0.47332	8.92E-04	4.2E-04	1.05E-03	4.41E-07	8.61E-04	3.80E-10	1.0E+06	3.8E-04
277	0.38031	8.92E-04	3.4E-04	1.05E-03	3.55E-07	8.61E-04	3.05E-10	1.0E+06	3.1E-04
278	0.31208	8.92E-04	2.8E-04	1.05E-03	2.91E-07	8.61E-04	2.51E-10	1.0E+06	2.5E-04
279	0.26064	8.92E-04	2.3E-04	1.05E-03	2.43E-07	8.61E-04	2.09E-10	1.0E+06	2.1E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 6 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.22104	8.92E-04	2.0E-04	1.05E-03	2.06E-07	8.61E-04	1.77E-10	1.0E+06	1.8E-04
281	0.18997	8.92E-04	1.7E-04	1.05E-03	1.77E-07	8.61E-04	1.53E-10	1.0E+06	1.5E-04
282	0.16515	8.92E-04	1.5E-04	1.05E-03	1.54E-07	8.61E-04	1.33E-10	1.0E+06	1.3E-04
283	0.40218	8.92E-04	3.6E-04	1.05E-03	3.75E-07	8.61E-04	3.23E-10	1.0E+06	3.2E-04
284	0.32774	8.92E-04	2.9E-04	1.05E-03	3.06E-07	8.61E-04	2.63E-10	1.0E+06	2.6E-04
285	0.27226	8.92E-04	2.4E-04	1.05E-03	2.54E-07	8.61E-04	2.19E-10	1.0E+06	2.2E-04
286	0.22984	8.92E-04	2.1E-04	1.05E-03	2.14E-07	8.61E-04	1.85E-10	1.0E+06	1.8E-04
287	0.19676	8.92E-04	1.8E-04	1.05E-03	1.83E-07	8.61E-04	1.58E-10	1.0E+06	1.6E-04
288	0.1705	8.92E-04	1.5E-04	1.05E-03	1.59E-07	8.61E-04	1.37E-10	1.0E+06	1.4E-04
289	0.14932	8.92E-04	1.3E-04	1.05E-03	1.39E-07	8.61E-04	1.20E-10	1.0E+06	1.2E-04
290	0.34341	8.92E-04	3.1E-04	1.05E-03	3.20E-07	8.61E-04	2.76E-10	1.0E+06	2.8E-04
291	0.28406	8.92E-04	2.5E-04	1.05E-03	2.65E-07	8.61E-04	2.28E-10	1.0E+06	2.3E-04
292	0.23894	8.92E-04	2.1E-04	1.05E-03	2.23E-07	8.61E-04	1.92E-10	1.0E+06	1.9E-04
293	0.20388	8.92E-04	1.8E-04	1.05E-03	1.90E-07	8.61E-04	1.64E-10	1.0E+06	1.6E-04
294	0.17615	8.92E-04	1.6E-04	1.05E-03	1.64E-07	8.61E-04	1.41E-10	1.0E+06	1.4E-04
295	0.15387	8.92E-04	1.4E-04	1.05E-03	1.43E-07	8.61E-04	1.24E-10	1.0E+06	1.2E-04
296	0.13571	8.92E-04	1.2E-04	1.05E-03	1.27E-07	8.61E-04	1.09E-10	1.0E+06	1.1E-04
297	0.29695	8.92E-04	2.6E-04	1.05E-03	2.77E-07	8.61E-04	2.38E-10	1.0E+06	2.4E-04
298	0.24893	8.92E-04	2.2E-04	1.05E-03	2.32E-07	8.61E-04	2.00E-10	1.0E+06	2.0E-04
299	0.21176	8.92E-04	1.9E-04	1.05E-03	1.97E-07	8.61E-04	1.70E-10	1.0E+06	1.7E-04
300	0.18247	8.92E-04	1.6E-04	1.05E-03	1.70E-07	8.61E-04	1.46E-10	1.0E+06	1.5E-04
301	0.15898	8.92E-04	1.4E-04	1.05E-03	1.48E-07	8.61E-04	1.28E-10	1.0E+06	1.3E-04
302	0.13988	8.92E-04	1.2E-04	1.05E-03	1.30E-07	8.61E-04	1.12E-10	1.0E+06	1.1E-04
303	0.12416	8.92E-04	1.1E-04	1.05E-03	1.16E-07	8.61E-04	9.97E-11	1.0E+06	1.0E-04
304	0.2597	8.92E-04	2.3E-04	1.05E-03	2.42E-07	8.61E-04	2.08E-10	1.0E+06	2.1E-04
305	0.22039	8.92E-04	2.0E-04	1.05E-03	2.05E-07	8.61E-04	1.77E-10	1.0E+06	1.8E-04
306	0.18944	8.92E-04	1.7E-04	1.05E-03	1.77E-07	8.61E-04	1.52E-10	1.0E+06	1.5E-04
307	0.16467	8.92E-04	1.5E-04	1.05E-03	1.54E-07	8.61E-04	1.32E-10	1.0E+06	1.3E-04
308	0.14457	8.92E-04	1.3E-04	1.05E-03	1.35E-07	8.61E-04	1.16E-10	1.0E+06	1.2E-04
309	0.12805	8.92E-04	1.1E-04	1.05E-03	1.19E-07	8.61E-04	1.03E-10	1.0E+06	1.0E-04
310	0.11432	8.92E-04	1.0E-04	1.05E-03	1.07E-07	8.61E-04	9.18E-11	1.0E+06	9.2E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.22899	8.92E-04	2.0E-04	1.05E-03	2.14E-07	8.61E-04	1.84E-10	1.0E+06	1.8E-04
312	0.19656	8.92E-04	1.8E-04	1.05E-03	1.83E-07	8.61E-04	1.58E-10	1.0E+06	1.6E-04
313	0.17062	8.92E-04	1.5E-04	1.05E-03	1.59E-07	8.61E-04	1.37E-10	1.0E+06	1.4E-04
314	0.14955	8.92E-04	1.3E-04	1.05E-03	1.39E-07	8.61E-04	1.20E-10	1.0E+06	1.2E-04
315	0.13224	8.92E-04	1.2E-04	1.05E-03	1.23E-07	8.61E-04	1.06E-10	1.0E+06	1.1E-04
316	0.11787	8.92E-04	1.1E-04	1.05E-03	1.10E-07	8.61E-04	9.46E-11	1.0E+06	9.5E-05
317	0.10581	8.92E-04	9.4E-05	1.05E-03	9.87E-08	8.61E-04	8.49E-11	1.0E+06	8.5E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Architectural Coating Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	9.08E-06
2	5	9.50E-06
3	5	9.63E-06
4	5	1.34E-05
5	5	1.42E-05
6	5	1.50E-05
7	5	1.58E-05
8	5	1.66E-05
9	5	1.74E-05
10	5	1.81E-05
11	5	1.89E-05
12	5	1.96E-05
13	5	2.03E-05
14	5	2.11E-05
15	5	2.19E-05
16	5	2.30E-05
17	5	2.43E-05
18	5	2.59E-05
19	5	2.78E-05
20	5	2.99E-05
21	5	3.22E-05
22	5	3.44E-05
23	5	3.64E-05
24	5	3.81E-05
25	5	3.92E-05
26	5	9.73E-06
27	5	1.02E-05
28	5	1.04E-05
29	5	1.47E-05
30	5	1.57E-05
31	5	1.67E-05

Max	Receptor #
0.00032	239

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
32	5	1.77E-05
33	5	1.87E-05
34	5	1.97E-05
35	5	2.07E-05
36	5	2.16E-05
37	5	2.26E-05
38	5	2.35E-05
39	5	2.45E-05
40	5	2.56E-05
41	5	2.70E-05
42	5	2.87E-05
43	5	3.09E-05
44	5	3.35E-05
45	5	3.63E-05
46	5	3.91E-05
47	5	4.17E-05
48	5	4.39E-05
49	5	4.54E-05
50	5	4.62E-05
51	5	1.04E-05
52	5	1.10E-05
53	5	1.12E-05
54	5	1.63E-05
55	5	1.74E-05
56	5	1.87E-05
57	5	2.00E-05
58	5	2.13E-05
59	5	2.26E-05
60	5	2.38E-05
61	5	2.51E-05
62	5	2.63E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
63	5	2.76E-05
64	5	2.88E-05
65	5	3.03E-05
66	5	3.22E-05
67	5	3.46E-05
68	5	3.76E-05
69	5	4.11E-05
70	5	4.47E-05
71	5	4.82E-05
72	5	5.11E-05
73	5	5.32E-05
74	5	5.43E-05
75	5	5.43E-05
76	5	1.12E-05
77	5	1.18E-05
78	5	1.21E-05
79	5	1.81E-05
80	5	1.95E-05
81	5	2.10E-05
82	5	2.26E-05
83	5	2.44E-05
84	5	2.61E-05
85	5	2.78E-05
86	5	2.96E-05
87	5	3.13E-05
88	5	3.28E-05
89	5	3.45E-05
90	5	3.65E-05
91	5	3.92E-05
92	5	4.27E-05
93	5	4.69E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	5.16E-05
95	5	5.63E-05
96	5	6.04E-05
97	5	6.33E-05
98	5	6.49E-05
99	5	6.49E-05
100	5	6.35E-05
101	5	1.20E-05
102	5	1.27E-05
103	5	1.31E-05
104	5	2.02E-05
105	5	2.19E-05
106	5	2.38E-05
107	5	2.59E-05
108	5	2.82E-05
109	5	3.05E-05
110	5	3.29E-05
111	5	3.55E-05
112	5	3.77E-05
113	5	3.98E-05
114	5	4.21E-05
115	5	4.51E-05
116	5	4.89E-05
117	5	5.40E-05
118	5	6.01E-05
119	5	6.65E-05
120	5	7.23E-05
121	5	7.66E-05
122	5	7.89E-05
123	5	7.89E-05
124	5	7.68E-05



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.28E-05
126	5	1.37E-05
127	5	1.43E-05
128	5	2.49E-05
129	5	2.73E-05
130	5	3.00E-05
131	5	3.30E-05
132	5	3.62E-05
133	5	3.97E-05
134	5	4.31E-05
135	5	4.63E-05
136	5	4.94E-05
137	5	5.27E-05
138	5	5.71E-05
139	5	6.28E-05
140	5	7.05E-05
141	5	7.94E-05
142	5	8.79E-05
143	5	9.46E-05
144	5	9.80E-05
145	5	9.81E-05
146	5	9.50E-05
147	5	1.37E-05
148	5	1.47E-05
149	5	1.55E-05
150	5	2.84E-05
151	5	3.15E-05
152	5	3.50E-05
153	5	3.91E-05
154	5	4.36E-05
155	5	4.88E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	5.37E-05
157	5	5.84E-05
158	5	6.30E-05
159	5	6.81E-05
160	5	7.46E-05
161	5	8.38E-05
162	5	9.59E-05
163	5	1.09E-04
164	5	1.19E-04
165	5	1.25E-04
166	5	1.25E-04
167	5	1.20E-04
168	5	1.12E-04
169	5	1.46E-05
170	5	1.58E-05
171	5	1.68E-05
172	5	1.79E-05
173	5	3.27E-05
174	5	3.67E-05
175	5	4.14E-05
176	5	4.69E-05
177	5	5.35E-05
178	5	6.10E-05
179	5	6.85E-05
180	5	7.60E-05
181	5	8.32E-05
182	5	9.12E-05
183	5	1.66E-04
184	5	1.58E-04
185	5	1.69E-05
186	5	1.82E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
187	5	1.94E-05
188	5	3.78E-05
189	5	4.31E-05
190	5	4.95E-05
191	5	5.72E-05
192	5	6.71E-05
193	5	7.83E-05
194	5	9.04E-05
195	5	1.03E-04
196	5	1.15E-04
197	5	1.28E-04
198	5	1.95E-05
199	5	2.12E-05
200	5	2.08E-05
201	5	2.29E-05
202	5	2.50E-05
203	5	2.46E-05
204	5	2.75E-05
205	5	3.05E-05
206	5	2.98E-05
207	5	3.36E-05
208	5	3.82E-05
209	5	3.23E-05
210	5	3.70E-05
211	5	4.24E-05
212	5	4.06E-05
213	5	4.75E-05
214	5	5.54E-05
215	5	4.47E-05
216	5	5.26E-05
217	5	6.20E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	6.87E-05
219	5	8.37E-05
220	5	7.44E-05
221	5	8.94E-05
222	5	7.70E-05
223	5	9.14E-05
224	5	1.11E-04
225	5	8.90E-05
226	5	1.04E-04
227	5	3.84E-05
228	5	3.35E-05
229	5	2.93E-05
230	5	2.59E-05
231	5	3.37E-05
232	5	2.97E-05
233	5	2.63E-05
234	5	2.35E-05
235	5	2.97E-05
236	5	2.65E-05
237	5	2.37E-05
238	5	2.13E-05
239	5	3.19E-04
240	5	2.94E-04
241	5	2.67E-04
242	5	2.39E-04
243	5	2.52E-04
244	5	2.34E-04
245	5	2.15E-04
246	5	1.95E-04
247	5	2.04E-04
248	5	1.90E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
249	5	1.76E-04
250	5	1.62E-04
251	5	7.71E-05
252	5	7.23E-05
253	5	8.11E-05
254	5	7.67E-05
255	5	6.84E-05
256	5	6.45E-05
257	5	5.36E-05
258	5	7.16E-05
259	5	6.80E-05
260	5	6.44E-05
261	5	6.10E-05
262	5	5.78E-05
263	5	4.87E-05
264	5	6.06E-05
265	5	5.76E-05
266	5	5.48E-05
267	5	5.21E-05
268	5	4.44E-05
269	5	9.83E-05
270	5	7.83E-05
271	5	6.36E-05
272	5	5.27E-05
273	5	4.43E-05
274	5	3.78E-05
275	5	3.27E-05
276	5	8.44E-05
277	5	6.79E-05
278	5	5.57E-05
279	5	4.65E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
280	5	3.94E-05
281	5	3.39E-05
282	5	2.95E-05
283	5	7.18E-05
284	5	5.85E-05
285	5	4.86E-05
286	5	4.10E-05
287	5	3.51E-05
288	5	3.04E-05
289	5	2.66E-05
290	5	6.13E-05
291	5	5.07E-05
292	5	4.26E-05
293	5	3.64E-05
294	5	3.14E-05
295	5	2.75E-05
296	5	2.42E-05
297	5	5.30E-05
298	5	4.44E-05
299	5	3.78E-05
300	5	3.26E-05
301	5	2.84E-05
302	5	2.50E-05
303	5	2.22E-05
304	5	4.63E-05
305	5	3.93E-05
306	5	3.38E-05
307	5	2.94E-05
308	5	2.58E-05
309	5	2.28E-05
310	5	2.04E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 6 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	4.09E-05
312	5	3.51E-05
313	5	3.04E-05
314	5	2.67E-05
315	5	2.36E-05
316	5	2.10E-05
317	5	1.89E-05

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**8: Unmitigated Parcel 7 Risk**



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## **Unmitigated Construction Health Risk for Parcel 7**

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Parcel 7-A: Unmitigated Construction Health Risk for Parcel 7 - Assumptions

Parcel 7-B: Unmitigated - Parcel 7 - Emissions

Parcel 7-C: Unmitigated - Parcel 7 - Risk Summary

Parcel 7-D: Unmitigated - Parcel 7 - Site Preparation Risk

Parcel 7-E: Unmitigated - Parcel 7 - Grading Risk

Parcel 7-F: Unmitigated - Parcel 7 - Building Construction Risk

Parcel 7-G: Unmitigated - Parcel 7 - Paving Risk

Parcel 7-H: Unmitigated - Parcel 7 - Architectural Coating Risk



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Parcel 7-A: Unmitigated Construction Health Risk for Parcel 7 - Assumptions



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## Manning Ave. Annexation 2020-01 Project

### Unmitigated Construction Health Risk for Parcel 7 - Assumptions

Date: 4/28/2022

	3rd	0-2	2-16	>16	Units
DBR	361	1090	631	261	L/kg
A	1				no units
EF	0.95890411				years
Constant 1	0.000001				no units
CPF	1.1				mg/kg-day-1
ASF	10	10	3	1	no units
Site Preparation	0.00	0.005	0.00	0.00	years
Grading	0.00	0.011	0.00	0.00	years
Building Construction	0.00	0.548	0.00	0.00	years
Paving	0.00	0.027	0.00	0.00	years
Architectural Coating	0.00	0.027	0.00	0.00	years
AT	70				years
FAH	1	1	1	0.73	day
Constant 2	1,000,000				no units
Dose Constant	3.46E-04	1.05E-03	6.05E-04	2.50E-04	
Risk Constant	0.00E+00	8.61E-04	0.00E+00	0.00E+00	

Source: OEHHA 2015

Dose =

(Cair X DBR X A X EF X Constant 1)

Cair = concentration in air ( $\mu\text{g}/\text{m}^3$ )

DBR = daily breathing rate normalized to body weight (l/kg bod weight -day)

A = Inhalation adsorption factor (unitless)

EF = Exposure frequency (unitless), days/365 days

Constant 1 = micrograms to milligrams conversion, liters to cubic meters conversion

Cancer Risk =

Dose X CPF x ASF x (ED/AT) X FAH

Dose = Daily inhalation dose (mg/kg-day)

CPF = Inhalation cancer potency factor ( $\text{mg}/\text{kg}\text{-day}^{-1}$ )

ASF = Age sensitivity factor for a specified age group (unitless)

ED = Exposure duration (in years) for a specified age group

AT = Averaging time for lifetime cancer risk (years)

FAH = Fraction of time spent at home (unitless)

Risk per Million =

Cancer Risk X Constant 2

FAH

If school is within the 1 per million cancer bracket:

3rd to 2 years 1

2 to 16 1

16-30 0.73

If school is not within the 1 per million cancer bracket:

3rd to 2 years 0.85

2 to 16 0.72

16-30 0.73

Source: OEHHA 2015

**Onsite Concentrations**

	<b>Source ID</b>	<b>PM10 (lbs/day)</b>	<b>PM10 (gr/day)</b>	<b>PM10 (gr/sec)</b>	<b>Days</b>	<b>Years</b>
Site Preparation	P7A	0.51	230.15277	0.0063931	2	0.005
Grading	P7A	0.60	274.15123	0.0076153	4	0.011
Building Construction	P7B	0.51	233.37327	0.0064826	200	0.548
Paving	P7A	0.31	139.88789	0.0038858	10	0.027
Architectural Coating	P7B	0.07	32.11434	0.0008921	10	0.027

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Construction Health Risk for Parcel 7 - Assumptions**

**Sources**

P7A	Parcel 7	Site Preparation, grading, and paving
P7B	Parcel 7	Building Construction and Architectural Coating

Meteorological Data Fresno Airport 2013 - 2017. Supplied by SJVAPCD  
Elevation 101 M.

**Assumptions and Constants:**

- 365 days per year construction
- 453.59237 conversion from lbs to grams
- 10 hours per day construction
- 60 minutes per hour
- 60 seconds per minute
- 1 year construction per parcel
- 0-2 year age bin as conservative risk.

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Parcel 7-B: Unmitigated - Parcel 7 - Emissions



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**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Emissions**

	<b>PM10 Exhaust</b>	<b>days/phase</b>
Site Preparation	0.5074	2
Grading	0.6044	4
Building Construction	0.5145	200
Paving	0.3084	10
Architectural Coating	0.0708	10

Source: CalEEMod Title: Annexation 2020-01 Kings River Development Retail D Parcel #7  
CalEEMod Date: 4/28/2022

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Parcel 7-C: Unmitigated - Parcel 7 - Risk Summary



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**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
1	1.302E-03	3.26E-04	3.9E-04	3.42E-04	1.98E-04	4.70E-05
2	1.367E-03	3.42E-04	4.1E-04	3.59E-04	2.08E-04	4.94E-05
3	1.388E-03	3.48E-04	4.1E-04	3.65E-04	2.11E-04	5.02E-05
4	1.954E-03	4.88E-04	5.8E-04	5.16E-04	2.97E-04	7.10E-05
5	2.053E-03	5.13E-04	6.1E-04	5.43E-04	3.12E-04	7.47E-05
6	2.149E-03	5.37E-04	6.4E-04	5.68E-04	3.26E-04	7.82E-05
7	2.240E-03	5.59E-04	6.7E-04	5.93E-04	3.40E-04	8.16E-05
8	2.327E-03	5.81E-04	6.9E-04	6.16E-04	3.53E-04	8.48E-05
9	2.411E-03	6.02E-04	7.2E-04	6.39E-04	3.66E-04	8.79E-05
10	2.495E-03	6.23E-04	7.4E-04	6.61E-04	3.78E-04	9.10E-05
11	2.585E-03	6.45E-04	7.7E-04	6.86E-04	3.92E-04	9.44E-05
12	2.689E-03	6.70E-04	8.0E-04	7.14E-04	4.07E-04	9.83E-05
13	2.821E-03	7.03E-04	8.4E-04	7.51E-04	4.27E-04	1.03E-04
14	2.979E-03	7.41E-04	8.8E-04	7.95E-04	4.50E-04	1.09E-04
15	3.171E-03	7.88E-04	9.4E-04	8.49E-04	4.79E-04	1.17E-04
16	3.403E-03	8.45E-04	1.0E-03	9.13E-04	5.14E-04	1.26E-04
17	3.665E-03	9.09E-04	1.1E-03	9.85E-04	5.53E-04	1.36E-04
18	3.938E-03	9.77E-04	1.2E-03	1.06E-03	5.94E-04	1.46E-04
19	4.209E-03	1.04E-03	1.2E-03	1.13E-03	6.35E-04	1.56E-04
20	4.460E-03	1.11E-03	1.3E-03	1.20E-03	6.73E-04	1.65E-04
21	4.672E-03	1.16E-03	1.4E-03	1.25E-03	7.06E-04	1.72E-04
22	4.829E-03	1.20E-03	1.4E-03	1.29E-03	7.31E-04	1.77E-04
23	4.922E-03	1.23E-03	1.5E-03	1.31E-03	7.46E-04	1.80E-04
24	4.947E-03	1.24E-03	1.5E-03	1.31E-03	7.51E-04	1.80E-04
25	4.907E-03	1.23E-03	1.5E-03	1.29E-03	7.47E-04	1.78E-04
26	1.407E-03	3.52E-04	4.2E-04	3.70E-04	2.14E-04	5.09E-05
27	1.481E-03	3.71E-04	4.4E-04	3.89E-04	2.25E-04	5.36E-05
28	1.507E-03	3.77E-04	4.5E-04	3.96E-04	2.29E-04	5.45E-05
29	2.182E-03	5.45E-04	6.5E-04	5.78E-04	3.31E-04	7.95E-05
30	2.307E-03	5.76E-04	6.9E-04	6.11E-04	3.50E-04	8.41E-05

<b>Max</b>	<b>Receptor #</b>
0.026	224

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
31	2.430E-03	6.06E-04	7.2E-04	6.44E-04	3.68E-04	8.86E-05
32	2.548E-03	6.35E-04	7.6E-04	6.76E-04	3.86E-04	9.30E-05
33	2.660E-03	6.63E-04	7.9E-04	7.06E-04	4.03E-04	9.72E-05
34	2.768E-03	6.90E-04	8.2E-04	7.35E-04	4.19E-04	1.01E-04
35	2.876E-03	7.17E-04	8.5E-04	7.64E-04	4.36E-04	1.05E-04
36	2.991E-03	7.45E-04	8.9E-04	7.96E-04	4.53E-04	1.10E-04
37	3.132E-03	7.80E-04	9.3E-04	8.35E-04	4.74E-04	1.15E-04
38	3.307E-03	8.22E-04	9.8E-04	8.84E-04	5.00E-04	1.22E-04
39	3.514E-03	8.73E-04	1.0E-03	9.42E-04	5.30E-04	1.30E-04
40	3.774E-03	9.36E-04	1.1E-03	1.01E-03	5.69E-04	1.40E-04
41	4.085E-03	1.01E-03	1.2E-03	1.10E-03	6.15E-04	1.51E-04
42	4.422E-03	1.09E-03	1.3E-03	1.19E-03	6.66E-04	1.64E-04
43	4.766E-03	1.18E-03	1.4E-03	1.29E-03	7.17E-04	1.77E-04
44	5.090E-03	1.26E-03	1.5E-03	1.37E-03	7.67E-04	1.89E-04
45	5.368E-03	1.33E-03	1.6E-03	1.44E-03	8.10E-04	1.98E-04
46	5.575E-03	1.39E-03	1.7E-03	1.49E-03	8.42E-04	2.05E-04
47	5.697E-03	1.42E-03	1.7E-03	1.52E-03	8.62E-04	2.09E-04
48	5.727E-03	1.43E-03	1.7E-03	1.52E-03	8.69E-04	2.09E-04
49	5.670E-03	1.42E-03	1.7E-03	1.49E-03	8.62E-04	2.06E-04
50	5.536E-03	1.39E-03	1.7E-03	1.45E-03	8.44E-04	2.00E-04
51	1.524E-03	3.82E-04	4.5E-04	4.01E-04	2.32E-04	5.51E-05
52	1.610E-03	4.03E-04	4.8E-04	4.24E-04	2.45E-04	5.83E-05
53	1.644E-03	4.11E-04	4.9E-04	4.33E-04	2.50E-04	5.96E-05
54	2.452E-03	6.12E-04	7.3E-04	6.51E-04	3.72E-04	8.95E-05
55	2.612E-03	6.51E-04	7.8E-04	6.94E-04	3.96E-04	9.55E-05
56	2.771E-03	6.91E-04	8.2E-04	7.37E-04	4.20E-04	1.01E-04
57	2.925E-03	7.29E-04	8.7E-04	7.78E-04	4.43E-04	1.07E-04
58	3.073E-03	7.65E-04	9.1E-04	8.18E-04	4.65E-04	1.13E-04
59	3.216E-03	8.01E-04	9.5E-04	8.57E-04	4.87E-04	1.18E-04
60	3.358E-03	8.36E-04	1.0E-03	8.96E-04	5.08E-04	1.23E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
61	3.510E-03	8.73E-04	1.0E-03	9.37E-04	5.31E-04	1.29E-04
62	3.702E-03	9.20E-04	1.1E-03	9.91E-04	5.59E-04	1.36E-04
63	3.934E-03	9.76E-04	1.2E-03	1.06E-03	5.93E-04	1.45E-04
64	4.220E-03	1.05E-03	1.2E-03	1.14E-03	6.36E-04	1.56E-04
65	4.577E-03	1.13E-03	1.3E-03	1.24E-03	6.88E-04	1.70E-04
66	4.997E-03	1.24E-03	1.5E-03	1.35E-03	7.51E-04	1.86E-04
67	5.436E-03	1.34E-03	1.6E-03	1.47E-03	8.17E-04	2.03E-04
68	5.862E-03	1.45E-03	1.7E-03	1.59E-03	8.81E-04	2.18E-04
69	6.233E-03	1.54E-03	1.8E-03	1.68E-03	9.38E-04	2.31E-04
70	6.513E-03	1.62E-03	1.9E-03	1.75E-03	9.82E-04	2.41E-04
71	6.678E-03	1.66E-03	2.0E-03	1.78E-03	1.01E-03	2.45E-04
72	6.716E-03	1.67E-03	2.0E-03	1.78E-03	1.02E-03	2.45E-04
73	6.635E-03	1.66E-03	2.0E-03	1.75E-03	1.01E-03	2.41E-04
74	6.449E-03	1.62E-03	1.9E-03	1.69E-03	9.82E-04	2.33E-04
75	6.180E-03	1.55E-03	1.8E-03	1.61E-03	9.44E-04	2.22E-04
76	1.655E-03	4.14E-04	4.9E-04	4.35E-04	2.52E-04	5.99E-05
77	1.756E-03	4.39E-04	5.2E-04	4.63E-04	2.67E-04	6.37E-05
78	1.803E-03	4.51E-04	5.4E-04	4.76E-04	2.74E-04	6.54E-05
79	2.776E-03	6.92E-04	8.2E-04	7.38E-04	4.20E-04	1.02E-04
80	2.983E-03	7.43E-04	8.8E-04	7.95E-04	4.51E-04	1.09E-04
81	3.191E-03	7.94E-04	9.5E-04	8.51E-04	4.83E-04	1.17E-04
82	3.396E-03	8.45E-04	1.0E-03	9.07E-04	5.14E-04	1.25E-04
83	3.596E-03	8.94E-04	1.1E-03	9.61E-04	5.43E-04	1.32E-04
84	3.789E-03	9.42E-04	1.1E-03	1.01E-03	5.72E-04	1.39E-04
85	3.981E-03	9.89E-04	1.2E-03	1.07E-03	6.01E-04	1.47E-04
86	4.204E-03	1.04E-03	1.2E-03	1.13E-03	6.34E-04	1.55E-04
87	4.459E-03	1.11E-03	1.3E-03	1.20E-03	6.72E-04	1.65E-04
88	4.772E-03	1.18E-03	1.4E-03	1.29E-03	7.18E-04	1.77E-04
89	5.178E-03	1.28E-03	1.5E-03	1.40E-03	7.78E-04	1.93E-04
90	5.682E-03	1.40E-03	1.7E-03	1.54E-03	8.52E-04	2.13E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
91	6.250E-03	1.54E-03	1.8E-03	1.70E-03	9.37E-04	2.34E-04
92	6.818E-03	1.68E-03	2.0E-03	1.85E-03	1.02E-03	2.55E-04
93	7.327E-03	1.81E-03	2.2E-03	1.99E-03	1.10E-03	2.73E-04
94	7.716E-03	1.91E-03	2.3E-03	2.08E-03	1.16E-03	2.87E-04
95	7.944E-03	1.97E-03	2.3E-03	2.13E-03	1.20E-03	2.93E-04
96	7.996E-03	1.99E-03	2.4E-03	2.13E-03	1.21E-03	2.93E-04
97	7.877E-03	1.97E-03	2.3E-03	2.08E-03	1.20E-03	2.87E-04
98	7.615E-03	1.91E-03	2.3E-03	2.00E-03	1.16E-03	2.75E-04
99	7.243E-03	1.82E-03	2.2E-03	1.89E-03	1.11E-03	2.60E-04
100	6.799E-03	1.71E-03	2.0E-03	1.76E-03	1.04E-03	2.42E-04
101	1.798E-03	4.50E-04	5.4E-04	4.74E-04	2.74E-04	6.52E-05
102	1.920E-03	4.80E-04	5.7E-04	5.06E-04	2.92E-04	6.97E-05
103	1.986E-03	4.96E-04	5.9E-04	5.24E-04	3.02E-04	7.22E-05
104	3.168E-03	7.88E-04	9.4E-04	8.45E-04	4.79E-04	1.16E-04
105	3.437E-03	8.55E-04	1.0E-03	9.19E-04	5.19E-04	1.26E-04
106	3.716E-03	9.23E-04	1.1E-03	9.95E-04	5.61E-04	1.37E-04
107	3.996E-03	9.92E-04	1.2E-03	1.07E-03	6.03E-04	1.47E-04
108	4.271E-03	1.06E-03	1.3E-03	1.15E-03	6.44E-04	1.58E-04
109	4.538E-03	1.13E-03	1.3E-03	1.22E-03	6.84E-04	1.68E-04
110	4.809E-03	1.19E-03	1.4E-03	1.29E-03	7.25E-04	1.78E-04
111	5.128E-03	1.27E-03	1.5E-03	1.38E-03	7.72E-04	1.90E-04
112	5.473E-03	1.35E-03	1.6E-03	1.48E-03	8.23E-04	2.04E-04
113	5.928E-03	1.46E-03	1.7E-03	1.61E-03	8.90E-04	2.22E-04
114	6.524E-03	1.61E-03	1.9E-03	1.78E-03	9.77E-04	2.45E-04
115	7.245E-03	1.78E-03	2.1E-03	1.98E-03	1.08E-03	2.73E-04
116	8.014E-03	1.97E-03	2.3E-03	2.19E-03	1.20E-03	3.02E-04
117	8.728E-03	2.15E-03	2.6E-03	2.38E-03	1.31E-03	3.28E-04
118	9.288E-03	2.29E-03	2.7E-03	2.52E-03	1.39E-03	3.47E-04
119	9.618E-03	2.38E-03	2.8E-03	2.59E-03	1.45E-03	3.57E-04
120	9.690E-03	2.41E-03	2.9E-03	2.59E-03	1.46E-03	3.56E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
121	9.515E-03	2.37E-03	2.8E-03	2.52E-03	1.44E-03	3.47E-04
122	9.136E-03	2.29E-03	2.7E-03	2.40E-03	1.39E-03	3.30E-04
123	8.610E-03	2.16E-03	2.6E-03	2.25E-03	1.32E-03	3.09E-04
124	7.995E-03	2.02E-03	2.4E-03	2.07E-03	1.22E-03	2.85E-04
125	1.956E-03	4.89E-04	5.8E-04	5.16E-04	2.97E-04	7.10E-05
126	2.101E-03	5.25E-04	6.3E-04	5.55E-04	3.19E-04	7.63E-05
127	2.192E-03	5.48E-04	6.5E-04	5.80E-04	3.33E-04	7.97E-05
128	4.003E-03	9.94E-04	1.2E-03	1.07E-03	6.04E-04	1.48E-04
129	4.382E-03	1.09E-03	1.3E-03	1.18E-03	6.61E-04	1.62E-04
130	4.774E-03	1.18E-03	1.4E-03	1.29E-03	7.19E-04	1.77E-04
131	5.163E-03	1.28E-03	1.5E-03	1.39E-03	7.77E-04	1.92E-04
132	5.544E-03	1.37E-03	1.6E-03	1.50E-03	8.34E-04	2.06E-04
133	5.949E-03	1.47E-03	1.8E-03	1.61E-03	8.94E-04	2.21E-04
134	6.384E-03	1.58E-03	1.9E-03	1.73E-03	9.59E-04	2.38E-04
135	6.894E-03	1.70E-03	2.0E-03	1.88E-03	1.03E-03	2.58E-04
136	7.584E-03	1.87E-03	2.2E-03	2.08E-03	1.13E-03	2.86E-04
137	8.486E-03	2.08E-03	2.5E-03	2.33E-03	1.27E-03	3.21E-04
138	9.532E-03	2.34E-03	2.8E-03	2.63E-03	1.42E-03	3.62E-04
139	1.056E-02	2.59E-03	3.1E-03	2.90E-03	1.57E-03	4.00E-04
140	1.139E-02	2.80E-03	3.3E-03	3.12E-03	1.70E-03	4.29E-04
141	1.189E-02	2.94E-03	3.5E-03	3.23E-03	1.79E-03	4.44E-04
142	1.200E-02	2.98E-03	3.5E-03	3.22E-03	1.81E-03	4.43E-04
143	1.173E-02	2.92E-03	3.5E-03	3.12E-03	1.78E-03	4.29E-04
144	1.117E-02	2.80E-03	3.3E-03	2.94E-03	1.70E-03	4.04E-04
145	1.040E-02	2.61E-03	3.1E-03	2.71E-03	1.59E-03	3.73E-04
146	9.532E-03	2.40E-03	2.9E-03	2.46E-03	1.46E-03	3.39E-04
147	2.126E-03	5.32E-04	6.3E-04	5.61E-04	3.23E-04	7.72E-05
148	2.300E-03	5.75E-04	6.8E-04	6.08E-04	3.49E-04	8.36E-05
149	2.428E-03	6.06E-04	7.2E-04	6.43E-04	3.69E-04	8.84E-05
150	4.719E-03	1.17E-03	1.4E-03	1.27E-03	7.11E-04	1.75E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
151	5.242E-03	1.30E-03	1.5E-03	1.42E-03	7.89E-04	1.95E-04
152	5.801E-03	1.43E-03	1.7E-03	1.57E-03	8.72E-04	2.16E-04
153	6.371E-03	1.57E-03	1.9E-03	1.73E-03	9.56E-04	2.38E-04
154	6.936E-03	1.71E-03	2.0E-03	1.88E-03	1.04E-03	2.59E-04
155	7.568E-03	1.87E-03	2.2E-03	2.06E-03	1.13E-03	2.84E-04
156	8.185E-03	2.02E-03	2.4E-03	2.24E-03	1.23E-03	3.08E-04
157	8.976E-03	2.21E-03	2.6E-03	2.46E-03	1.34E-03	3.39E-04
158	1.007E-02	2.47E-03	2.9E-03	2.79E-03	1.50E-03	3.83E-04
159	1.148E-02	2.81E-03	3.3E-03	3.19E-03	1.71E-03	4.39E-04
160	1.298E-02	3.17E-03	3.8E-03	3.61E-03	1.93E-03	4.96E-04
161	1.427E-02	3.50E-03	4.2E-03	3.94E-03	2.13E-03	5.42E-04
162	1.507E-02	3.71E-03	4.4E-03	4.12E-03	2.26E-03	5.67E-04
163	1.525E-02	3.77E-03	4.5E-03	4.12E-03	2.29E-03	5.67E-04
164	1.483E-02	3.69E-03	4.4E-03	3.95E-03	2.24E-03	5.44E-04
165	1.396E-02	3.49E-03	4.2E-03	3.68E-03	2.12E-03	5.06E-04
166	1.281E-02	3.22E-03	3.8E-03	3.34E-03	1.96E-03	4.59E-04
167	1.154E-02	2.91E-03	3.5E-03	2.98E-03	1.77E-03	4.10E-04
168	1.027E-02	2.60E-03	3.1E-03	2.63E-03	1.58E-03	3.61E-04
169	2.309E-03	5.77E-04	6.9E-04	6.09E-04	3.51E-04	8.39E-05
170	2.515E-03	6.28E-04	7.5E-04	6.65E-04	3.82E-04	9.16E-05
171	2.697E-03	6.73E-04	8.0E-04	7.15E-04	4.09E-04	9.83E-05
172	2.883E-03	7.19E-04	8.6E-04	7.66E-04	4.37E-04	1.05E-04
173	5.635E-03	1.39E-03	1.7E-03	1.52E-03	8.47E-04	2.10E-04
174	6.374E-03	1.57E-03	1.9E-03	1.73E-03	9.57E-04	2.38E-04
175	7.196E-03	1.77E-03	2.1E-03	1.96E-03	1.08E-03	2.70E-04
176	8.062E-03	1.99E-03	2.4E-03	2.20E-03	1.21E-03	3.03E-04
177	8.966E-03	2.21E-03	2.6E-03	2.46E-03	1.34E-03	3.38E-04
178	9.921E-03	2.44E-03	2.9E-03	2.72E-03	1.48E-03	3.75E-04
179	1.090E-02	2.67E-03	3.2E-03	3.00E-03	1.62E-03	4.13E-04
180	1.221E-02	2.98E-03	3.6E-03	3.39E-03	1.81E-03	4.66E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
181	1.404E-02	3.42E-03	4.1E-03	3.93E-03	2.08E-03	5.41E-04
182	1.627E-02	3.96E-03	4.7E-03	4.57E-03	2.41E-03	6.29E-04
183	1.615E-02	4.06E-03	4.8E-03	4.20E-03	2.47E-03	5.78E-04
184	1.423E-02	3.60E-03	4.3E-03	3.66E-03	2.19E-03	5.03E-04
185	2.746E-03	6.86E-04	8.2E-04	7.27E-04	4.17E-04	1.00E-04
186	2.989E-03	7.46E-04	8.9E-04	7.93E-04	4.53E-04	1.09E-04
187	3.218E-03	8.02E-04	9.6E-04	8.55E-04	4.87E-04	1.18E-04
188	6.820E-03	1.68E-03	2.0E-03	1.85E-03	1.02E-03	2.55E-04
189	7.889E-03	1.94E-03	2.3E-03	2.16E-03	1.18E-03	2.97E-04
190	9.138E-03	2.25E-03	2.7E-03	2.51E-03	1.36E-03	3.45E-04
191	1.053E-02	2.58E-03	3.1E-03	2.90E-03	1.57E-03	3.99E-04
192	1.208E-02	2.96E-03	3.5E-03	3.34E-03	1.80E-03	4.60E-04
193	1.358E-02	3.32E-03	4.0E-03	3.77E-03	2.02E-03	5.19E-04
194	1.525E-02	3.72E-03	4.4E-03	4.26E-03	2.26E-03	5.86E-04
195	1.758E-02	4.27E-03	5.1E-03	4.95E-03	2.59E-03	6.82E-04
196	2.083E-02	5.04E-03	6.0E-03	5.92E-03	3.06E-03	8.15E-04
197	2.435E-02	5.89E-03	7.0E-03	6.90E-03	3.58E-03	9.50E-04
198	3.271E-03	8.16E-04	9.7E-04	8.68E-04	4.96E-04	1.19E-04
199	3.606E-03	8.98E-04	1.1E-03	9.59E-04	5.46E-04	1.32E-04
200	3.582E-03	8.93E-04	1.1E-03	9.51E-04	5.43E-04	1.31E-04
201	4.017E-03	1.00E-03	1.2E-03	1.07E-03	6.08E-04	1.47E-04
202	4.458E-03	1.11E-03	1.3E-03	1.19E-03	6.74E-04	1.64E-04
203	4.423E-03	1.10E-03	1.3E-03	1.18E-03	6.69E-04	1.62E-04
204	5.057E-03	1.26E-03	1.5E-03	1.35E-03	7.64E-04	1.86E-04
205	5.777E-03	1.43E-03	1.7E-03	1.55E-03	8.71E-04	2.13E-04
206	5.642E-03	1.40E-03	1.7E-03	1.51E-03	8.52E-04	2.08E-04
207	6.572E-03	1.63E-03	1.9E-03	1.77E-03	9.91E-04	2.43E-04
208	7.768E-03	1.92E-03	2.3E-03	2.10E-03	1.17E-03	2.89E-04
209	6.267E-03	1.56E-03	1.9E-03	1.68E-03	9.46E-04	2.31E-04
210	7.476E-03	1.85E-03	2.2E-03	2.01E-03	1.13E-03	2.77E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
211	8.945E-03	2.21E-03	2.6E-03	2.42E-03	1.34E-03	3.33E-04
212	8.436E-03	2.09E-03	2.5E-03	2.28E-03	1.27E-03	3.13E-04
213	1.040E-02	2.57E-03	3.1E-03	2.82E-03	1.56E-03	3.88E-04
214	1.289E-02	3.18E-03	3.8E-03	3.52E-03	1.93E-03	4.84E-04
215	9.488E-03	2.35E-03	2.8E-03	2.56E-03	1.43E-03	3.52E-04
216	1.184E-02	2.92E-03	3.5E-03	3.21E-03	1.78E-03	4.42E-04
217	1.489E-02	3.67E-03	4.4E-03	4.06E-03	2.23E-03	5.59E-04
218	1.666E-02	4.12E-03	4.9E-03	4.51E-03	2.51E-03	6.20E-04
219	2.193E-02	5.42E-03	6.5E-03	5.94E-03	3.29E-03	8.18E-04
220	1.762E-02	4.39E-03	5.2E-03	4.69E-03	2.67E-03	6.46E-04
221	2.245E-02	5.60E-03	6.7E-03	5.95E-03	3.40E-03	8.19E-04
222	1.730E-02	4.34E-03	5.2E-03	4.52E-03	2.64E-03	6.22E-04
223	2.121E-02	5.34E-03	6.4E-03	5.50E-03	3.25E-03	7.57E-04
224	2.641E-02	6.69E-03	8.0E-03	6.76E-03	4.07E-03	9.30E-04
225	1.878E-02	4.77E-03	5.7E-03	4.77E-03	2.90E-03	6.57E-04
226	2.199E-02	5.62E-03	6.7E-03	5.51E-03	3.41E-03	7.59E-04
227	3.458E-03	8.90E-04	1.1E-03	8.51E-04	5.41E-04	1.17E-04
228	3.067E-03	7.88E-04	9.4E-04	7.57E-04	4.79E-04	1.04E-04
229	2.739E-03	7.03E-04	8.4E-04	6.78E-04	4.27E-04	9.33E-05
230	2.461E-03	6.31E-04	7.5E-04	6.11E-04	3.83E-04	8.40E-05
231	3.123E-03	8.03E-04	9.6E-04	7.70E-04	4.88E-04	1.06E-04
232	2.794E-03	7.17E-04	8.5E-04	6.91E-04	4.36E-04	9.51E-05
233	2.514E-03	6.45E-04	7.7E-04	6.23E-04	3.92E-04	8.58E-05
234	2.274E-03	5.83E-04	6.9E-04	5.65E-04	3.54E-04	7.78E-05
235	2.829E-03	7.27E-04	8.7E-04	6.99E-04	4.42E-04	9.62E-05
236	2.551E-03	6.55E-04	7.8E-04	6.32E-04	3.98E-04	8.70E-05
237	2.311E-03	5.93E-04	7.1E-04	5.74E-04	3.60E-04	7.90E-05
238	2.104E-03	5.39E-04	6.4E-04	5.24E-04	3.28E-04	7.20E-05
239	2.452E-02	6.51E-03	7.8E-03	5.53E-03	3.96E-03	7.61E-04
240	2.155E-02	5.71E-03	6.8E-03	4.90E-03	3.47E-03	6.75E-04



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
241	1.896E-02	5.01E-03	6.0E-03	4.35E-03	3.04E-03	5.99E-04
242	1.673E-02	4.40E-03	5.2E-03	3.87E-03	2.68E-03	5.32E-04
243	2.057E-02	5.44E-03	6.5E-03	4.69E-03	3.31E-03	6.46E-04
244	1.835E-02	4.84E-03	5.8E-03	4.22E-03	2.94E-03	5.80E-04
245	1.637E-02	4.31E-03	5.1E-03	3.79E-03	2.62E-03	5.21E-04
246	1.462E-02	3.84E-03	4.6E-03	3.40E-03	2.33E-03	4.69E-04
247	1.747E-02	4.60E-03	5.5E-03	4.03E-03	2.80E-03	5.54E-04
248	1.578E-02	4.15E-03	4.9E-03	3.66E-03	2.52E-03	5.03E-04
249	1.425E-02	3.74E-03	4.5E-03	3.32E-03	2.27E-03	4.57E-04
250	1.286E-02	3.37E-03	4.0E-03	3.01E-03	2.05E-03	4.15E-04
251	7.019E-03	1.82E-03	2.2E-03	1.69E-03	1.11E-03	2.32E-04
252	6.525E-03	1.69E-03	2.0E-03	1.57E-03	1.03E-03	2.16E-04
253	7.821E-03	2.03E-03	2.4E-03	1.87E-03	1.24E-03	2.58E-04
254	7.323E-03	1.90E-03	2.3E-03	1.76E-03	1.16E-03	2.42E-04
255	6.401E-03	1.66E-03	2.0E-03	1.54E-03	1.01E-03	2.12E-04
256	5.981E-03	1.55E-03	1.8E-03	1.45E-03	9.42E-04	1.99E-04
257	4.891E-03	1.26E-03	1.5E-03	1.19E-03	7.68E-04	1.64E-04
258	7.051E-03	1.83E-03	2.2E-03	1.70E-03	1.11E-03	2.33E-04
259	6.634E-03	1.72E-03	2.0E-03	1.60E-03	1.05E-03	2.20E-04
260	6.235E-03	1.62E-03	1.9E-03	1.51E-03	9.82E-04	2.07E-04
261	5.855E-03	1.52E-03	1.8E-03	1.42E-03	9.22E-04	1.95E-04
262	5.496E-03	1.42E-03	1.7E-03	1.33E-03	8.64E-04	1.83E-04
263	4.550E-03	1.17E-03	1.4E-03	1.11E-03	7.14E-04	1.53E-04
264	6.033E-03	1.56E-03	1.9E-03	1.46E-03	9.50E-04	2.01E-04
265	5.696E-03	1.47E-03	1.8E-03	1.38E-03	8.96E-04	1.90E-04
266	5.373E-03	1.39E-03	1.7E-03	1.30E-03	8.45E-04	1.79E-04
267	5.064E-03	1.31E-03	1.6E-03	1.23E-03	7.96E-04	1.69E-04
268	4.241E-03	1.09E-03	1.3E-03	1.04E-03	6.65E-04	1.43E-04
269	7.136E-03	1.84E-03	2.2E-03	1.73E-03	1.12E-03	2.39E-04
270	5.978E-03	1.54E-03	1.8E-03	1.46E-03	9.38E-04	2.01E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
271	5.080E-03	1.31E-03	1.6E-03	1.24E-03	7.96E-04	1.71E-04
272	4.370E-03	1.13E-03	1.3E-03	1.07E-03	6.84E-04	1.48E-04
273	3.801E-03	9.78E-04	1.2E-03	9.36E-04	5.94E-04	1.29E-04
274	3.340E-03	8.58E-04	1.0E-03	8.24E-04	5.22E-04	1.13E-04
275	2.960E-03	7.60E-04	9.1E-04	7.32E-04	4.62E-04	1.01E-04
276	6.302E-03	1.63E-03	1.9E-03	1.53E-03	9.90E-04	2.11E-04
277	5.318E-03	1.37E-03	1.6E-03	1.30E-03	8.34E-04	1.78E-04
278	4.550E-03	1.17E-03	1.4E-03	1.11E-03	7.13E-04	1.53E-04
279	3.940E-03	1.01E-03	1.2E-03	9.68E-04	6.17E-04	1.33E-04
280	3.448E-03	8.87E-04	1.1E-03	8.49E-04	5.39E-04	1.17E-04
281	3.046E-03	7.83E-04	9.3E-04	7.52E-04	4.76E-04	1.04E-04
282	2.714E-03	6.96E-04	8.3E-04	6.72E-04	4.23E-04	9.25E-05
283	5.546E-03	1.43E-03	1.7E-03	1.35E-03	8.71E-04	1.86E-04
284	4.724E-03	1.22E-03	1.5E-03	1.15E-03	7.41E-04	1.59E-04
285	4.076E-03	1.05E-03	1.3E-03	9.99E-04	6.38E-04	1.38E-04
286	3.556E-03	9.15E-04	1.1E-03	8.75E-04	5.56E-04	1.20E-04
287	3.133E-03	8.05E-04	9.6E-04	7.73E-04	4.89E-04	1.06E-04
288	2.784E-03	7.15E-04	8.5E-04	6.89E-04	4.34E-04	9.48E-05
289	2.493E-03	6.40E-04	7.6E-04	6.18E-04	3.89E-04	8.51E-05
290	4.901E-03	1.27E-03	1.5E-03	1.20E-03	7.69E-04	1.65E-04
291	4.216E-03	1.09E-03	1.3E-03	1.03E-03	6.60E-04	1.42E-04
292	3.668E-03	9.44E-04	1.1E-03	9.02E-04	5.74E-04	1.24E-04
293	3.224E-03	8.29E-04	9.9E-04	7.95E-04	5.04E-04	1.09E-04
294	2.858E-03	7.34E-04	8.7E-04	7.07E-04	4.46E-04	9.73E-05
295	2.555E-03	6.55E-04	7.8E-04	6.33E-04	3.98E-04	8.71E-05
296	2.300E-03	5.90E-04	7.0E-04	5.71E-04	3.58E-04	7.86E-05
297	4.369E-03	1.13E-03	1.3E-03	1.07E-03	6.85E-04	1.47E-04
298	3.792E-03	9.76E-04	1.2E-03	9.32E-04	5.93E-04	1.28E-04
299	3.324E-03	8.55E-04	1.0E-03	8.19E-04	5.19E-04	1.13E-04
300	2.941E-03	7.55E-04	9.0E-04	7.27E-04	4.59E-04	1.00E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
301	2.624E-03	6.73E-04	8.0E-04	6.50E-04	4.09E-04	8.95E-05
302	2.358E-03	6.04E-04	7.2E-04	5.86E-04	3.67E-04	8.06E-05
303	2.132E-03	5.46E-04	6.5E-04	5.31E-04	3.32E-04	7.30E-05
304	3.928E-03	1.01E-03	1.2E-03	9.65E-04	6.15E-04	1.33E-04
305	3.436E-03	8.83E-04	1.1E-03	8.47E-04	5.37E-04	1.17E-04
306	3.034E-03	7.79E-04	9.3E-04	7.50E-04	4.74E-04	1.03E-04
307	2.701E-03	6.93E-04	8.3E-04	6.69E-04	4.21E-04	9.21E-05
308	2.423E-03	6.21E-04	7.4E-04	6.02E-04	3.77E-04	8.28E-05
309	2.187E-03	5.60E-04	6.7E-04	5.44E-04	3.41E-04	7.49E-05
310	1.987E-03	5.09E-04	6.1E-04	4.95E-04	3.09E-04	6.82E-05
311	3.556E-03	9.15E-04	1.1E-03	8.76E-04	5.56E-04	1.20E-04
312	3.134E-03	8.05E-04	9.6E-04	7.74E-04	4.89E-04	1.07E-04
313	2.785E-03	7.15E-04	8.5E-04	6.90E-04	4.34E-04	9.49E-05
314	2.494E-03	6.39E-04	7.6E-04	6.19E-04	3.89E-04	8.52E-05
315	2.248E-03	5.76E-04	6.9E-04	5.59E-04	3.50E-04	7.70E-05
316	2.039E-03	5.22E-04	6.2E-04	5.08E-04	3.17E-04	6.99E-05
317	1.860E-03	4.76E-04	5.7E-04	4.64E-04	2.89E-04	6.39E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
1	2.894E-04	7.25E-05	8.64E-05	7.59E-05	4.41E-05	1.04E-05
2	3.038E-04	7.61E-05	9.07E-05	7.98E-05	4.63E-05	1.10E-05
3	3.086E-04	7.73E-05	9.21E-05	8.11E-05	4.70E-05	1.12E-05
4	4.342E-04	1.09E-04	1.29E-04	1.15E-04	6.59E-05	1.58E-05
5	4.562E-04	1.14E-04	1.36E-04	1.21E-04	6.93E-05	1.66E-05
6	4.775E-04	1.19E-04	1.42E-04	1.26E-04	7.25E-05	1.74E-05
7	4.978E-04	1.24E-04	1.48E-04	1.32E-04	7.56E-05	1.81E-05
8	5.172E-04	1.29E-04	1.54E-04	1.37E-04	7.85E-05	1.88E-05
9	5.358E-04	1.34E-04	1.59E-04	1.42E-04	8.13E-05	1.95E-05
10	5.545E-04	1.38E-04	1.65E-04	1.47E-04	8.41E-05	2.02E-05
11	5.744E-04	1.43E-04	1.71E-04	1.52E-04	8.71E-05	2.10E-05
12	5.976E-04	1.49E-04	1.77E-04	1.59E-04	9.05E-05	2.18E-05
13	6.269E-04	1.56E-04	1.86E-04	1.67E-04	9.49E-05	2.30E-05
14	6.620E-04	1.65E-04	1.96E-04	1.77E-04	1.00E-04	2.43E-05
15	7.047E-04	1.75E-04	2.09E-04	1.89E-04	1.06E-04	2.60E-05
16	7.563E-04	1.88E-04	2.24E-04	2.03E-04	1.14E-04	2.79E-05
17	8.144E-04	2.02E-04	2.41E-04	2.19E-04	1.23E-04	3.01E-05
18	8.751E-04	2.17E-04	2.59E-04	2.35E-04	1.32E-04	3.24E-05
19	9.355E-04	2.32E-04	2.76E-04	2.51E-04	1.41E-04	3.46E-05
20	9.912E-04	2.46E-04	2.93E-04	2.66E-04	1.50E-04	3.66E-05
21	1.038E-03	2.58E-04	3.07E-04	2.78E-04	1.57E-04	3.82E-05
22	1.073E-03	2.67E-04	3.18E-04	2.86E-04	1.62E-04	3.94E-05
23	1.094E-03	2.73E-04	3.25E-04	2.90E-04	1.66E-04	4.00E-05
24	1.099E-03	2.75E-04	3.27E-04	2.91E-04	1.67E-04	4.00E-05
25	1.090E-03	2.73E-04	3.25E-04	2.87E-04	1.66E-04	3.95E-05
26	3.126E-04	7.83E-05	9.33E-05	8.21E-05	4.76E-05	1.13E-05
27	3.291E-04	8.24E-05	9.82E-05	8.65E-05	5.01E-05	1.19E-05
28	3.349E-04	8.39E-05	9.99E-05	8.81E-05	5.10E-05	1.21E-05
29	4.848E-04	1.21E-04	1.44E-04	1.28E-04	7.36E-05	1.77E-05
30	5.126E-04	1.28E-04	1.52E-04	1.36E-04	7.78E-05	1.87E-05

Max	Receptor #
0.0059	224

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
31	5.399E-04	1.35E-04	1.60E-04	1.43E-04	8.19E-05	1.97E-05
32	5.662E-04	1.41E-04	1.68E-04	1.50E-04	8.58E-05	2.07E-05
33	5.911E-04	1.47E-04	1.76E-04	1.57E-04	8.96E-05	2.16E-05
34	6.150E-04	1.53E-04	1.83E-04	1.63E-04	9.32E-05	2.25E-05
35	6.390E-04	1.59E-04	1.90E-04	1.70E-04	9.68E-05	2.34E-05
36	6.646E-04	1.66E-04	1.97E-04	1.77E-04	1.01E-04	2.43E-05
37	6.961E-04	1.73E-04	2.06E-04	1.86E-04	1.05E-04	2.55E-05
38	7.349E-04	1.83E-04	2.18E-04	1.96E-04	1.11E-04	2.70E-05
39	7.810E-04	1.94E-04	2.31E-04	2.09E-04	1.18E-04	2.88E-05
40	8.386E-04	2.08E-04	2.48E-04	2.25E-04	1.26E-04	3.10E-05
41	9.078E-04	2.25E-04	2.68E-04	2.45E-04	1.37E-04	3.37E-05
42	9.827E-04	2.43E-04	2.90E-04	2.65E-04	1.48E-04	3.65E-05
43	1.059E-03	2.62E-04	3.12E-04	2.86E-04	1.59E-04	3.93E-05
44	1.131E-03	2.80E-04	3.34E-04	3.05E-04	1.70E-04	4.19E-05
45	1.193E-03	2.96E-04	3.53E-04	3.20E-04	1.80E-04	4.41E-05
46	1.239E-03	3.08E-04	3.67E-04	3.31E-04	1.87E-04	4.56E-05
47	1.266E-03	3.15E-04	3.76E-04	3.37E-04	1.92E-04	4.64E-05
48	1.273E-03	3.18E-04	3.78E-04	3.37E-04	1.93E-04	4.64E-05
49	1.260E-03	3.15E-04	3.76E-04	3.32E-04	1.92E-04	4.57E-05
50	1.230E-03	3.08E-04	3.67E-04	3.22E-04	1.87E-04	4.44E-05
51	3.387E-04	8.48E-05	1.01E-04	8.90E-05	5.15E-05	1.23E-05
52	3.578E-04	8.96E-05	1.07E-04	9.42E-05	5.44E-05	1.30E-05
53	3.654E-04	9.14E-05	1.09E-04	9.62E-05	5.56E-05	1.32E-05
54	5.450E-04	1.36E-04	1.62E-04	1.45E-04	8.26E-05	1.99E-05
55	5.805E-04	1.45E-04	1.72E-04	1.54E-04	8.80E-05	2.12E-05
56	6.158E-04	1.53E-04	1.83E-04	1.64E-04	9.33E-05	2.25E-05
57	6.501E-04	1.62E-04	1.93E-04	1.73E-04	9.84E-05	2.38E-05
58	6.829E-04	1.70E-04	2.03E-04	1.82E-04	1.03E-04	2.50E-05
59	7.146E-04	1.78E-04	2.12E-04	1.90E-04	1.08E-04	2.62E-05
60	7.462E-04	1.86E-04	2.21E-04	1.99E-04	1.13E-04	2.74E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
61	7.800E-04	1.94E-04	2.31E-04	2.08E-04	1.18E-04	2.87E-05
62	8.228E-04	2.04E-04	2.44E-04	2.20E-04	1.24E-04	3.03E-05
63	8.742E-04	2.17E-04	2.58E-04	2.35E-04	1.32E-04	3.23E-05
64	9.379E-04	2.32E-04	2.77E-04	2.53E-04	1.41E-04	3.48E-05
65	1.017E-03	2.52E-04	3.00E-04	2.75E-04	1.53E-04	3.78E-05
66	1.111E-03	2.75E-04	3.27E-04	3.01E-04	1.67E-04	4.14E-05
67	1.208E-03	2.99E-04	3.56E-04	3.27E-04	1.81E-04	4.50E-05
68	1.303E-03	3.22E-04	3.84E-04	3.52E-04	1.96E-04	4.85E-05
69	1.385E-03	3.43E-04	4.09E-04	3.74E-04	2.08E-04	5.14E-05
70	1.447E-03	3.59E-04	4.28E-04	3.89E-04	2.18E-04	5.35E-05
71	1.484E-03	3.69E-04	4.40E-04	3.96E-04	2.24E-04	5.46E-05
72	1.493E-03	3.72E-04	4.43E-04	3.96E-04	2.26E-04	5.45E-05
73	1.474E-03	3.69E-04	4.39E-04	3.89E-04	2.24E-04	5.35E-05
74	1.433E-03	3.59E-04	4.28E-04	3.76E-04	2.18E-04	5.17E-05
75	1.373E-03	3.45E-04	4.11E-04	3.58E-04	2.10E-04	4.93E-05
76	3.677E-04	9.20E-05	1.10E-04	9.68E-05	5.59E-05	1.33E-05
77	3.903E-04	9.76E-05	1.16E-04	1.03E-04	5.93E-05	1.42E-05
78	4.007E-04	1.00E-04	1.19E-04	1.06E-04	6.09E-05	1.45E-05
79	6.169E-04	1.54E-04	1.83E-04	1.64E-04	9.34E-05	2.26E-05
80	6.628E-04	1.65E-04	1.97E-04	1.77E-04	1.00E-04	2.43E-05
81	7.091E-04	1.76E-04	2.10E-04	1.89E-04	1.07E-04	2.60E-05
82	7.548E-04	1.88E-04	2.24E-04	2.02E-04	1.14E-04	2.77E-05
83	7.990E-04	1.99E-04	2.37E-04	2.14E-04	1.21E-04	2.94E-05
84	8.420E-04	2.09E-04	2.49E-04	2.25E-04	1.27E-04	3.10E-05
85	8.847E-04	2.20E-04	2.62E-04	2.37E-04	1.34E-04	3.26E-05
86	9.342E-04	2.32E-04	2.76E-04	2.50E-04	1.41E-04	3.45E-05
87	9.910E-04	2.46E-04	2.93E-04	2.66E-04	1.49E-04	3.67E-05
88	1.060E-03	2.63E-04	3.13E-04	2.86E-04	1.60E-04	3.94E-05
89	1.151E-03	2.84E-04	3.39E-04	3.12E-04	1.73E-04	4.29E-05
90	1.263E-03	3.12E-04	3.71E-04	3.43E-04	1.89E-04	4.72E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
91	1.389E-03	3.43E-04	4.08E-04	3.78E-04	2.08E-04	5.20E-05
92	1.515E-03	3.74E-04	4.45E-04	4.12E-04	2.27E-04	5.67E-05
93	1.628E-03	4.02E-04	4.79E-04	4.42E-04	2.44E-04	6.08E-05
94	1.715E-03	4.25E-04	5.06E-04	4.63E-04	2.58E-04	6.37E-05
95	1.765E-03	4.38E-04	5.22E-04	4.74E-04	2.66E-04	6.52E-05
96	1.777E-03	4.42E-04	5.27E-04	4.73E-04	2.69E-04	6.51E-05
97	1.751E-03	4.37E-04	5.21E-04	4.63E-04	2.66E-04	6.37E-05
98	1.692E-03	4.24E-04	5.05E-04	4.44E-04	2.58E-04	6.11E-05
99	1.610E-03	4.04E-04	4.82E-04	4.20E-04	2.46E-04	5.78E-05
100	1.511E-03	3.81E-04	4.53E-04	3.92E-04	2.31E-04	5.39E-05
101	3.997E-04	1.00E-04	1.19E-04	1.05E-04	6.08E-05	1.45E-05
102	4.267E-04	1.07E-04	1.27E-04	1.13E-04	6.48E-05	1.55E-05
103	4.414E-04	1.10E-04	1.31E-04	1.17E-04	6.71E-05	1.60E-05
104	7.041E-04	1.75E-04	2.09E-04	1.88E-04	1.06E-04	2.58E-05
105	7.639E-04	1.90E-04	2.26E-04	2.04E-04	1.15E-04	2.81E-05
106	8.258E-04	2.05E-04	2.44E-04	2.21E-04	1.25E-04	3.04E-05
107	8.880E-04	2.21E-04	2.63E-04	2.38E-04	1.34E-04	3.28E-05
108	9.491E-04	2.36E-04	2.81E-04	2.55E-04	1.43E-04	3.50E-05
109	1.008E-03	2.50E-04	2.98E-04	2.71E-04	1.52E-04	3.73E-05
110	1.069E-03	2.65E-04	3.16E-04	2.87E-04	1.61E-04	3.96E-05
111	1.140E-03	2.82E-04	3.36E-04	3.07E-04	1.72E-04	4.23E-05
112	1.216E-03	3.01E-04	3.58E-04	3.29E-04	1.83E-04	4.52E-05
113	1.317E-03	3.25E-04	3.87E-04	3.58E-04	1.98E-04	4.92E-05
114	1.450E-03	3.57E-04	4.25E-04	3.96E-04	2.17E-04	5.44E-05
115	1.610E-03	3.96E-04	4.72E-04	4.41E-04	2.41E-04	6.06E-05
116	1.781E-03	4.38E-04	5.22E-04	4.88E-04	2.66E-04	6.71E-05
117	1.940E-03	4.78E-04	5.69E-04	5.30E-04	2.90E-04	7.29E-05
118	2.064E-03	5.10E-04	6.07E-04	5.60E-04	3.10E-04	7.71E-05
119	2.137E-03	5.29E-04	6.31E-04	5.76E-04	3.22E-04	7.93E-05
120	2.153E-03	5.35E-04	6.38E-04	5.76E-04	3.25E-04	7.92E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
121	2.114E-03	5.28E-04	6.29E-04	5.60E-04	3.21E-04	7.71E-05
122	2.030E-03	5.08E-04	6.06E-04	5.34E-04	3.09E-04	7.34E-05
123	1.913E-03	4.81E-04	5.73E-04	4.99E-04	2.92E-04	6.87E-05
124	1.777E-03	4.48E-04	5.33E-04	4.60E-04	2.72E-04	6.33E-05
125	4.346E-04	1.09E-04	1.29E-04	1.15E-04	6.61E-05	1.58E-05
126	4.668E-04	1.17E-04	1.39E-04	1.23E-04	7.09E-05	1.70E-05
127	4.871E-04	1.22E-04	1.45E-04	1.29E-04	7.40E-05	1.77E-05
128	8.897E-04	2.21E-04	2.63E-04	2.39E-04	1.34E-04	3.28E-05
129	9.739E-04	2.42E-04	2.88E-04	2.62E-04	1.47E-04	3.60E-05
130	1.061E-03	2.63E-04	3.13E-04	2.86E-04	1.60E-04	3.93E-05
131	1.147E-03	2.84E-04	3.38E-04	3.09E-04	1.73E-04	4.26E-05
132	1.232E-03	3.05E-04	3.63E-04	3.33E-04	1.85E-04	4.58E-05
133	1.322E-03	3.27E-04	3.90E-04	3.58E-04	1.99E-04	4.92E-05
134	1.419E-03	3.51E-04	4.18E-04	3.85E-04	2.13E-04	5.29E-05
135	1.532E-03	3.78E-04	4.50E-04	4.17E-04	2.30E-04	5.74E-05
136	1.685E-03	4.15E-04	4.94E-04	4.61E-04	2.52E-04	6.35E-05
137	1.886E-03	4.63E-04	5.51E-04	5.19E-04	2.81E-04	7.14E-05
138	2.118E-03	5.19E-04	6.19E-04	5.84E-04	3.16E-04	8.04E-05
139	2.346E-03	5.76E-04	6.86E-04	6.45E-04	3.50E-04	8.88E-05
140	2.531E-03	6.23E-04	7.42E-04	6.92E-04	3.79E-04	9.53E-05
141	2.642E-03	6.53E-04	7.78E-04	7.17E-04	3.97E-04	9.86E-05
142	2.666E-03	6.62E-04	7.88E-04	7.16E-04	4.02E-04	9.85E-05
143	2.607E-03	6.50E-04	7.74E-04	6.93E-04	3.95E-04	9.53E-05
144	2.482E-03	6.21E-04	7.40E-04	6.53E-04	3.78E-04	8.98E-05
145	2.312E-03	5.81E-04	6.92E-04	6.03E-04	3.53E-04	8.29E-05
146	2.118E-03	5.34E-04	6.36E-04	5.47E-04	3.25E-04	7.53E-05
147	4.725E-04	1.18E-04	1.41E-04	1.25E-04	7.18E-05	1.72E-05
148	5.110E-04	1.28E-04	1.52E-04	1.35E-04	7.76E-05	1.86E-05
149	5.396E-04	1.35E-04	1.61E-04	1.43E-04	8.19E-05	1.97E-05
150	1.049E-03	2.60E-04	3.10E-04	2.82E-04	1.58E-04	3.89E-05



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
151	1.165E-03	2.88E-04	3.43E-04	3.15E-04	1.75E-04	4.33E-05
152	1.289E-03	3.19E-04	3.80E-04	3.49E-04	1.94E-04	4.80E-05
153	1.416E-03	3.50E-04	4.17E-04	3.84E-04	2.13E-04	5.29E-05
154	1.541E-03	3.80E-04	4.53E-04	4.19E-04	2.31E-04	5.76E-05
155	1.682E-03	4.15E-04	4.94E-04	4.58E-04	2.52E-04	6.30E-05
156	1.819E-03	4.48E-04	5.34E-04	4.97E-04	2.72E-04	6.84E-05
157	1.995E-03	4.90E-04	5.84E-04	5.48E-04	2.98E-04	7.54E-05
158	2.239E-03	5.48E-04	6.53E-04	6.19E-04	3.33E-04	8.52E-05
159	2.551E-03	6.23E-04	7.43E-04	7.09E-04	3.79E-04	9.75E-05
160	2.885E-03	7.05E-04	8.40E-04	8.01E-04	4.29E-04	1.10E-04
161	3.171E-03	7.77E-04	9.26E-04	8.75E-04	4.72E-04	1.20E-04
162	3.349E-03	8.24E-04	9.82E-04	9.16E-04	5.01E-04	1.26E-04
163	3.389E-03	8.39E-04	9.99E-04	9.15E-04	5.10E-04	1.26E-04
164	3.296E-03	8.21E-04	9.77E-04	8.79E-04	4.99E-04	1.21E-04
165	3.103E-03	7.77E-04	9.25E-04	8.17E-04	4.72E-04	1.12E-04
166	2.848E-03	7.16E-04	8.53E-04	7.41E-04	4.35E-04	1.02E-04
167	2.565E-03	6.48E-04	7.71E-04	6.61E-04	3.94E-04	9.10E-05
168	2.281E-03	5.78E-04	6.88E-04	5.83E-04	3.51E-04	8.03E-05
169	5.131E-04	1.28E-04	1.53E-04	1.35E-04	7.80E-05	1.86E-05
170	5.590E-04	1.40E-04	1.66E-04	1.48E-04	8.49E-05	2.03E-05
171	5.993E-04	1.50E-04	1.78E-04	1.59E-04	9.09E-05	2.19E-05
172	6.408E-04	1.60E-04	1.90E-04	1.70E-04	9.71E-05	2.34E-05
173	1.252E-03	3.10E-04	3.69E-04	3.39E-04	1.88E-04	4.66E-05
174	1.416E-03	3.50E-04	4.17E-04	3.85E-04	2.13E-04	5.29E-05
175	1.599E-03	3.94E-04	4.70E-04	4.36E-04	2.40E-04	6.00E-05
176	1.792E-03	4.41E-04	5.25E-04	4.90E-04	2.68E-04	6.74E-05
177	1.993E-03	4.90E-04	5.84E-04	5.46E-04	2.98E-04	7.51E-05
178	2.205E-03	5.42E-04	6.45E-04	6.05E-04	3.29E-04	8.33E-05
179	2.421E-03	5.94E-04	7.07E-04	6.67E-04	3.61E-04	9.18E-05
180	2.712E-03	6.63E-04	7.90E-04	7.53E-04	4.03E-04	1.04E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
181	3.121E-03	7.60E-04	9.05E-04	8.74E-04	4.62E-04	1.20E-04
182	3.616E-03	8.79E-04	1.05E-03	1.02E-03	5.34E-04	1.40E-04
183	3.589E-03	9.03E-04	1.08E-03	9.33E-04	5.49E-04	1.28E-04
184	3.163E-03	8.00E-04	9.53E-04	8.13E-04	4.86E-04	1.12E-04
185	6.102E-04	1.52E-04	1.82E-04	1.61E-04	9.26E-05	2.22E-05
186	6.641E-04	1.66E-04	1.97E-04	1.76E-04	1.01E-04	2.42E-05
187	7.152E-04	1.78E-04	2.12E-04	1.90E-04	1.08E-04	2.62E-05
188	1.516E-03	3.74E-04	4.46E-04	4.12E-04	2.27E-04	5.67E-05
189	1.753E-03	4.32E-04	5.14E-04	4.79E-04	2.62E-04	6.59E-05
190	2.031E-03	4.99E-04	5.94E-04	5.57E-04	3.03E-04	7.67E-05
191	2.339E-03	5.74E-04	6.83E-04	6.45E-04	3.49E-04	8.87E-05
192	2.684E-03	6.57E-04	7.83E-04	7.43E-04	3.99E-04	1.02E-04
193	3.019E-03	7.38E-04	8.79E-04	8.38E-04	4.49E-04	1.15E-04
194	3.389E-03	8.26E-04	9.84E-04	9.46E-04	5.02E-04	1.30E-04
195	3.907E-03	9.48E-04	1.13E-03	1.10E-03	5.76E-04	1.51E-04
196	4.630E-03	1.12E-03	1.33E-03	1.32E-03	6.80E-04	1.81E-04
197	5.411E-03	1.31E-03	1.56E-03	1.53E-03	7.96E-04	2.11E-04
198	7.270E-04	1.81E-04	2.16E-04	1.93E-04	1.10E-04	2.65E-05
199	8.014E-04	2.00E-04	2.38E-04	2.13E-04	1.21E-04	2.93E-05
200	7.960E-04	1.99E-04	2.36E-04	2.11E-04	1.21E-04	2.91E-05
201	8.926E-04	2.22E-04	2.65E-04	2.38E-04	1.35E-04	3.27E-05
202	9.907E-04	2.46E-04	2.94E-04	2.65E-04	1.50E-04	3.64E-05
203	9.829E-04	2.45E-04	2.92E-04	2.62E-04	1.49E-04	3.60E-05
204	1.124E-03	2.79E-04	3.33E-04	3.00E-04	1.70E-04	4.13E-05
205	1.284E-03	3.19E-04	3.80E-04	3.45E-04	1.94E-04	4.74E-05
206	1.254E-03	3.12E-04	3.71E-04	3.35E-04	1.89E-04	4.62E-05
207	1.460E-03	3.62E-04	4.32E-04	3.92E-04	2.20E-04	5.40E-05
208	1.726E-03	4.27E-04	5.09E-04	4.66E-04	2.60E-04	6.42E-05
209	1.393E-03	3.46E-04	4.12E-04	3.73E-04	2.10E-04	5.14E-05
210	1.661E-03	4.12E-04	4.90E-04	4.47E-04	2.50E-04	6.15E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
211	1.988E-03	4.92E-04	5.85E-04	5.38E-04	2.99E-04	7.40E-05
212	1.875E-03	4.64E-04	5.53E-04	5.06E-04	2.82E-04	6.96E-05
213	2.311E-03	5.71E-04	6.80E-04	6.27E-04	3.47E-04	8.63E-05
214	2.865E-03	7.06E-04	8.41E-04	7.82E-04	4.29E-04	1.08E-04
215	2.108E-03	5.22E-04	6.22E-04	5.69E-04	3.17E-04	7.83E-05
216	2.630E-03	6.50E-04	7.74E-04	7.13E-04	3.95E-04	9.82E-05
217	3.309E-03	8.15E-04	9.71E-04	9.02E-04	4.96E-04	1.24E-04
218	3.703E-03	9.16E-04	1.09E-03	1.00E-03	5.57E-04	1.38E-04
219	4.873E-03	1.20E-03	1.43E-03	1.32E-03	7.32E-04	1.82E-04
220	3.916E-03	9.75E-04	1.16E-03	1.04E-03	5.93E-04	1.43E-04
221	4.988E-03	1.24E-03	1.48E-03	1.32E-03	7.56E-04	1.82E-04
222	3.845E-03	9.65E-04	1.15E-03	1.00E-03	5.87E-04	1.38E-04
223	4.714E-03	1.19E-03	1.41E-03	1.22E-03	7.22E-04	1.68E-04
224	5.869E-03	1.49E-03	1.77E-03	1.50E-03	9.04E-04	2.07E-04
225	4.174E-03	1.06E-03	1.26E-03	1.06E-03	6.44E-04	1.46E-04
226	4.887E-03	1.25E-03	1.49E-03	1.23E-03	7.59E-04	1.69E-04
227	7.685E-04	1.98E-04	2.35E-04	1.89E-04	1.20E-04	2.60E-05
228	6.816E-04	1.75E-04	2.09E-04	1.68E-04	1.06E-04	2.32E-05
229	6.086E-04	1.56E-04	1.86E-04	1.51E-04	9.49E-05	2.07E-05
230	5.469E-04	1.40E-04	1.67E-04	1.36E-04	8.52E-05	1.87E-05
231	6.941E-04	1.78E-04	2.13E-04	1.71E-04	1.08E-04	2.36E-05
232	6.209E-04	1.59E-04	1.90E-04	1.54E-04	9.69E-05	2.11E-05
233	5.586E-04	1.43E-04	1.71E-04	1.39E-04	8.71E-05	1.91E-05
234	5.053E-04	1.29E-04	1.54E-04	1.26E-04	7.87E-05	1.73E-05
235	6.286E-04	1.61E-04	1.92E-04	1.55E-04	9.81E-05	2.14E-05
236	5.669E-04	1.45E-04	1.73E-04	1.40E-04	8.84E-05	1.93E-05
237	5.137E-04	1.32E-04	1.57E-04	1.28E-04	8.00E-05	1.76E-05
238	4.675E-04	1.20E-04	1.43E-04	1.16E-04	7.28E-05	1.60E-05
239	5.449E-03	1.45E-03	1.72E-03	1.23E-03	8.80E-04	1.69E-04
240	4.788E-03	1.27E-03	1.51E-03	1.09E-03	7.71E-04	1.50E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
241	4.214E-03	1.11E-03	1.33E-03	9.67E-04	6.76E-04	1.33E-04
242	3.718E-03	9.79E-04	1.17E-03	8.60E-04	5.95E-04	1.18E-04
243	4.571E-03	1.21E-03	1.44E-03	1.04E-03	7.35E-04	1.44E-04
244	4.078E-03	1.08E-03	1.28E-03	9.37E-04	6.54E-04	1.29E-04
245	3.638E-03	9.58E-04	1.14E-03	8.42E-04	5.82E-04	1.16E-04
246	3.250E-03	8.54E-04	1.02E-03	7.57E-04	5.19E-04	1.04E-04
247	3.882E-03	1.02E-03	1.22E-03	8.95E-04	6.22E-04	1.23E-04
248	3.507E-03	9.23E-04	1.10E-03	8.13E-04	5.61E-04	1.12E-04
249	3.166E-03	8.31E-04	9.90E-04	7.38E-04	5.05E-04	1.02E-04
250	2.857E-03	7.49E-04	8.92E-04	6.69E-04	4.55E-04	9.21E-05
251	1.560E-03	4.05E-04	4.82E-04	3.75E-04	2.46E-04	5.16E-05
252	1.450E-03	3.76E-04	4.48E-04	3.49E-04	2.29E-04	4.81E-05
253	1.738E-03	4.52E-04	5.38E-04	4.16E-04	2.75E-04	5.73E-05
254	1.627E-03	4.23E-04	5.03E-04	3.91E-04	2.57E-04	5.38E-05
255	1.423E-03	3.69E-04	4.39E-04	3.43E-04	2.24E-04	4.72E-05
256	1.329E-03	3.44E-04	4.10E-04	3.21E-04	2.09E-04	4.42E-05
257	1.087E-03	2.81E-04	3.34E-04	2.64E-04	1.71E-04	3.64E-05
258	1.567E-03	4.07E-04	4.84E-04	3.77E-04	2.47E-04	5.18E-05
259	1.474E-03	3.82E-04	4.55E-04	3.55E-04	2.32E-04	4.89E-05
260	1.386E-03	3.59E-04	4.28E-04	3.34E-04	2.18E-04	4.60E-05
261	1.301E-03	3.37E-04	4.01E-04	3.15E-04	2.05E-04	4.33E-05
262	1.221E-03	3.16E-04	3.76E-04	2.96E-04	1.92E-04	4.07E-05
263	1.011E-03	2.61E-04	3.11E-04	2.47E-04	1.59E-04	3.39E-05
264	1.341E-03	3.47E-04	4.14E-04	3.24E-04	2.11E-04	4.46E-05
265	1.266E-03	3.28E-04	3.90E-04	3.07E-04	1.99E-04	4.22E-05
266	1.194E-03	3.09E-04	3.68E-04	2.90E-04	1.88E-04	3.99E-05
267	1.125E-03	2.91E-04	3.47E-04	2.74E-04	1.77E-04	3.76E-05
268	9.425E-04	2.43E-04	2.90E-04	2.30E-04	1.48E-04	3.17E-05
269	1.586E-03	4.10E-04	4.88E-04	3.85E-04	2.49E-04	5.30E-05
270	1.328E-03	3.43E-04	4.08E-04	3.24E-04	2.08E-04	4.46E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
271	1.129E-03	2.91E-04	3.47E-04	2.76E-04	1.77E-04	3.80E-05
272	9.712E-04	2.50E-04	2.98E-04	2.38E-04	1.52E-04	3.28E-05
273	8.448E-04	2.17E-04	2.59E-04	2.08E-04	1.32E-04	2.86E-05
274	7.422E-04	1.91E-04	2.27E-04	1.83E-04	1.16E-04	2.52E-05
275	6.578E-04	1.69E-04	2.01E-04	1.63E-04	1.03E-04	2.24E-05
276	1.400E-03	3.62E-04	4.31E-04	3.40E-04	2.20E-04	4.68E-05
277	1.182E-03	3.05E-04	3.63E-04	2.88E-04	1.85E-04	3.96E-05
278	1.011E-03	2.61E-04	3.11E-04	2.47E-04	1.58E-04	3.41E-05
279	8.756E-04	2.25E-04	2.69E-04	2.15E-04	1.37E-04	2.96E-05
280	7.663E-04	1.97E-04	2.35E-04	1.89E-04	1.20E-04	2.60E-05
281	6.770E-04	1.74E-04	2.07E-04	1.67E-04	1.06E-04	2.30E-05
282	6.030E-04	1.55E-04	1.84E-04	1.49E-04	9.41E-05	2.05E-05
283	1.232E-03	3.19E-04	3.79E-04	3.00E-04	1.94E-04	4.12E-05
284	1.050E-03	2.71E-04	3.23E-04	2.56E-04	1.65E-04	3.53E-05
285	9.058E-04	2.33E-04	2.78E-04	2.22E-04	1.42E-04	3.06E-05
286	7.902E-04	2.03E-04	2.42E-04	1.94E-04	1.24E-04	2.67E-05
287	6.962E-04	1.79E-04	2.13E-04	1.72E-04	1.09E-04	2.36E-05
288	6.187E-04	1.59E-04	1.89E-04	1.53E-04	9.65E-05	2.11E-05
289	5.541E-04	1.42E-04	1.69E-04	1.37E-04	8.64E-05	1.89E-05
290	1.089E-03	2.81E-04	3.35E-04	2.66E-04	1.71E-04	3.66E-05
291	9.369E-04	2.41E-04	2.88E-04	2.29E-04	1.47E-04	3.16E-05
292	8.152E-04	2.10E-04	2.50E-04	2.00E-04	1.28E-04	2.76E-05
293	7.164E-04	1.84E-04	2.19E-04	1.77E-04	1.12E-04	2.43E-05
294	6.352E-04	1.63E-04	1.94E-04	1.57E-04	9.91E-05	2.16E-05
295	5.678E-04	1.46E-04	1.74E-04	1.41E-04	8.85E-05	1.94E-05
296	5.112E-04	1.31E-04	1.56E-04	1.27E-04	7.96E-05	1.75E-05
297	9.710E-04	2.50E-04	2.98E-04	2.38E-04	1.52E-04	3.27E-05
298	8.426E-04	2.17E-04	2.58E-04	2.07E-04	1.32E-04	2.85E-05
299	7.387E-04	1.90E-04	2.26E-04	1.82E-04	1.15E-04	2.51E-05
300	6.536E-04	1.68E-04	2.00E-04	1.62E-04	1.02E-04	2.22E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
301	5.831E-04	1.50E-04	1.78E-04	1.44E-04	9.09E-05	1.99E-05
302	5.239E-04	1.34E-04	1.60E-04	1.30E-04	8.16E-05	1.79E-05
303	4.739E-04	1.21E-04	1.45E-04	1.18E-04	7.38E-05	1.62E-05
304	8.728E-04	2.25E-04	2.68E-04	2.14E-04	1.37E-04	2.95E-05
305	7.636E-04	1.96E-04	2.34E-04	1.88E-04	1.19E-04	2.59E-05
306	6.742E-04	1.73E-04	2.06E-04	1.67E-04	1.05E-04	2.29E-05
307	6.002E-04	1.54E-04	1.83E-04	1.49E-04	9.36E-05	2.05E-05
308	5.383E-04	1.38E-04	1.64E-04	1.34E-04	8.39E-05	1.84E-05
309	4.861E-04	1.24E-04	1.48E-04	1.21E-04	7.57E-05	1.66E-05
310	4.416E-04	1.13E-04	1.35E-04	1.10E-04	6.87E-05	1.51E-05
311	7.902E-04	2.03E-04	2.42E-04	1.95E-04	1.24E-04	2.68E-05
312	6.964E-04	1.79E-04	2.13E-04	1.72E-04	1.09E-04	2.37E-05
313	6.190E-04	1.59E-04	1.89E-04	1.53E-04	9.65E-05	2.11E-05
314	5.542E-04	1.42E-04	1.69E-04	1.38E-04	8.64E-05	1.89E-05
315	4.996E-04	1.28E-04	1.52E-04	1.24E-04	7.78E-05	1.71E-05
316	4.532E-04	1.16E-04	1.38E-04	1.13E-04	7.05E-05	1.55E-05
317	4.133E-04	1.06E-04	1.26E-04	1.03E-04	6.43E-05	1.42E-05

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Parcel 7-D: Unmitigated - Parcel 7 - Site Preparation Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

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**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years		Constant 2	Risk/ Million	REL
				Constant	Dose	Constant	Risk			
1	0.05672	6.39E-03	3.6E-04	1.05E-03	3.79E-07	8.61E-04	3.26E-10	1.0E+06	3.3E-04	5
2	0.05952	6.39E-03	3.8E-04	1.05E-03	3.98E-07	8.61E-04	3.42E-10	1.0E+06	3.4E-04	5
3	0.06045	6.39E-03	3.9E-04	1.05E-03	4.04E-07	8.61E-04	3.48E-10	1.0E+06	3.5E-04	5
4	0.08486	6.39E-03	5.4E-04	1.05E-03	5.67E-07	8.61E-04	4.88E-10	1.0E+06	4.9E-04	5
5	0.08913	6.39E-03	5.7E-04	1.05E-03	5.96E-07	8.61E-04	5.13E-10	1.0E+06	5.1E-04	5
6	0.09327	6.39E-03	6.0E-04	1.05E-03	6.23E-07	8.61E-04	5.37E-10	1.0E+06	5.4E-04	5
7	0.09722	6.39E-03	6.2E-04	1.05E-03	6.50E-07	8.61E-04	5.59E-10	1.0E+06	5.6E-04	5
8	0.10098	6.39E-03	6.5E-04	1.05E-03	6.75E-07	8.61E-04	5.81E-10	1.0E+06	5.8E-04	5
9	0.1046	6.39E-03	6.7E-04	1.05E-03	6.99E-07	8.61E-04	6.02E-10	1.0E+06	6.0E-04	5
10	0.10822	6.39E-03	6.9E-04	1.05E-03	7.23E-07	8.61E-04	6.23E-10	1.0E+06	6.2E-04	5
11	0.11206	6.39E-03	7.2E-04	1.05E-03	7.49E-07	8.61E-04	6.45E-10	1.0E+06	6.4E-04	5
12	0.1165	6.39E-03	7.4E-04	1.05E-03	7.78E-07	8.61E-04	6.70E-10	1.0E+06	6.7E-04	5
13	0.12211	6.39E-03	7.8E-04	1.05E-03	8.16E-07	8.61E-04	7.03E-10	1.0E+06	7.0E-04	5
14	0.12881	6.39E-03	8.2E-04	1.05E-03	8.61E-07	8.61E-04	7.41E-10	1.0E+06	7.4E-04	5
15	0.13696	6.39E-03	8.8E-04	1.05E-03	9.15E-07	8.61E-04	7.88E-10	1.0E+06	7.9E-04	5
16	0.14684	6.39E-03	9.4E-04	1.05E-03	9.81E-07	8.61E-04	8.45E-10	1.0E+06	8.4E-04	5
17	0.158	6.39E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.09E-10	1.0E+06	9.1E-04	5
18	0.16973	6.39E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.77E-10	1.0E+06	9.8E-04	5
19	0.18149	6.39E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03	5
20	0.19245	6.39E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03	5
21	0.20182	6.39E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03	5
22	0.20893	6.39E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03	5
23	0.21334	6.39E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03	5
24	0.21485	6.39E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03	5
25	0.21352	6.39E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03	5
26	0.06125	6.39E-03	3.9E-04	1.05E-03	4.09E-07	8.61E-04	3.52E-10	1.0E+06	3.5E-04	5
27	0.06445	6.39E-03	4.1E-04	1.05E-03	4.31E-07	8.61E-04	3.71E-10	1.0E+06	3.7E-04	5
28	0.06558	6.39E-03	4.2E-04	1.05E-03	4.38E-07	8.61E-04	3.77E-10	1.0E+06	3.8E-04	5
29	0.09467	6.39E-03	6.1E-04	1.05E-03	6.33E-07	8.61E-04	5.45E-10	1.0E+06	5.4E-04	5
30	0.10007	6.39E-03	6.4E-04	1.05E-03	6.69E-07	8.61E-04	5.76E-10	1.0E+06	5.8E-04	5
31	0.10536	6.39E-03	6.7E-04	1.05E-03	7.04E-07	8.61E-04	6.06E-10	1.0E+06	6.1E-04	5

Max	Receptor #
0.007	224



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
32	0.11045	6.39E-03	7.1E-04	1.05E-03	7.38E-07	8.61E-04	6.35E-10	1.0E+06	6.4E-04	5
33	0.11528	6.39E-03	7.4E-04	1.05E-03	7.70E-07	8.61E-04	6.63E-10	1.0E+06	6.6E-04	5
34	0.11992	6.39E-03	7.7E-04	1.05E-03	8.01E-07	8.61E-04	6.90E-10	1.0E+06	6.9E-04	5
35	0.12456	6.39E-03	8.0E-04	1.05E-03	8.32E-07	8.61E-04	7.17E-10	1.0E+06	7.2E-04	5
36	0.12949	6.39E-03	8.3E-04	1.05E-03	8.65E-07	8.61E-04	7.45E-10	1.0E+06	7.5E-04	5
37	0.13552	6.39E-03	8.7E-04	1.05E-03	9.06E-07	8.61E-04	7.80E-10	1.0E+06	7.8E-04	5
38	0.14292	6.39E-03	9.1E-04	1.05E-03	9.55E-07	8.61E-04	8.22E-10	1.0E+06	8.2E-04	5
39	0.15169	6.39E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.73E-10	1.0E+06	8.7E-04	5
40	0.16266	6.39E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.36E-10	1.0E+06	9.4E-04	5
41	0.17589	6.39E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03	5
42	0.1903	6.39E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03	5
43	0.20511	6.39E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03	5
44	0.21923	6.39E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03	5
45	0.23148	6.39E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03	5
46	0.24083	6.39E-03	1.5E-03	1.05E-03	1.61E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03	5
47	0.24659	6.39E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03	5
48	0.24848	6.39E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03	5
49	0.24657	6.39E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03	5
50	0.24125	6.39E-03	1.5E-03	1.05E-03	1.61E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03	5
51	0.06633	6.39E-03	4.2E-04	1.05E-03	4.43E-07	8.61E-04	3.82E-10	1.0E+06	3.8E-04	5
52	0.07005	6.39E-03	4.5E-04	1.05E-03	4.68E-07	8.61E-04	4.03E-10	1.0E+06	4.0E-04	5
53	0.0715	6.39E-03	4.6E-04	1.05E-03	4.78E-07	8.61E-04	4.11E-10	1.0E+06	4.1E-04	5
54	0.10631	6.39E-03	6.8E-04	1.05E-03	7.10E-07	8.61E-04	6.12E-10	1.0E+06	6.1E-04	5
55	0.11319	6.39E-03	7.2E-04	1.05E-03	7.56E-07	8.61E-04	6.51E-10	1.0E+06	6.5E-04	5
56	0.12001	6.39E-03	7.7E-04	1.05E-03	8.02E-07	8.61E-04	6.91E-10	1.0E+06	6.9E-04	5
57	0.12666	6.39E-03	8.1E-04	1.05E-03	8.46E-07	8.61E-04	7.29E-10	1.0E+06	7.3E-04	5
58	0.13301	6.39E-03	8.5E-04	1.05E-03	8.89E-07	8.61E-04	7.65E-10	1.0E+06	7.7E-04	5
59	0.13915	6.39E-03	8.9E-04	1.05E-03	9.30E-07	8.61E-04	8.01E-10	1.0E+06	8.0E-04	5
60	0.14525	6.39E-03	9.3E-04	1.05E-03	9.71E-07	8.61E-04	8.36E-10	1.0E+06	8.4E-04	5
61	0.15173	6.39E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.73E-10	1.0E+06	8.7E-04	5
62	0.15991	6.39E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.20E-10	1.0E+06	9.2E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
63	0.16969	6.39E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.76E-10	1.0E+06	9.8E-04	5
64	0.18176	6.39E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03	5
65	0.19684	6.39E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03	5
66	0.2147	6.39E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03	5
67	0.23349	6.39E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03	5
68	0.25195	6.39E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.45E-09	1.0E+06	1.4E-03	5
69	0.26827	6.39E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03	5
70	0.28087	6.39E-03	1.8E-03	1.05E-03	1.88E-06	8.61E-04	1.62E-09	1.0E+06	1.6E-03	5
71	0.28863	6.39E-03	1.8E-03	1.05E-03	1.93E-06	8.61E-04	1.66E-09	1.0E+06	1.7E-03	5
72	0.29105	6.39E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03	5
73	0.28828	6.39E-03	1.8E-03	1.05E-03	1.93E-06	8.61E-04	1.66E-09	1.0E+06	1.7E-03	5
74	0.28093	6.39E-03	1.8E-03	1.05E-03	1.88E-06	8.61E-04	1.62E-09	1.0E+06	1.6E-03	5
75	0.26989	6.39E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.6E-03	5
76	0.07198	6.39E-03	4.6E-04	1.05E-03	4.81E-07	8.61E-04	4.14E-10	1.0E+06	4.1E-04	5
77	0.07636	6.39E-03	4.9E-04	1.05E-03	5.10E-07	8.61E-04	4.39E-10	1.0E+06	4.4E-04	5
78	0.07838	6.39E-03	5.0E-04	1.05E-03	5.24E-07	8.61E-04	4.51E-10	1.0E+06	4.5E-04	5
79	0.12022	6.39E-03	7.7E-04	1.05E-03	8.03E-07	8.61E-04	6.92E-10	1.0E+06	6.9E-04	5
80	0.12908	6.39E-03	8.3E-04	1.05E-03	8.63E-07	8.61E-04	7.43E-10	1.0E+06	7.4E-04	5
81	0.13802	6.39E-03	8.8E-04	1.05E-03	9.22E-07	8.61E-04	7.94E-10	1.0E+06	7.9E-04	5
82	0.14684	6.39E-03	9.4E-04	1.05E-03	9.81E-07	8.61E-04	8.45E-10	1.0E+06	8.4E-04	5
83	0.15539	6.39E-03	9.9E-04	1.05E-03	1.04E-06	8.61E-04	8.94E-10	1.0E+06	8.9E-04	5
84	0.16368	6.39E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.42E-10	1.0E+06	9.4E-04	5
85	0.17191	6.39E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.89E-10	1.0E+06	9.9E-04	5
86	0.1814	6.39E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03	5
87	0.19221	6.39E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03	5
88	0.20534	6.39E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03	5
89	0.22244	6.39E-03	1.4E-03	1.05E-03	1.49E-06	8.61E-04	1.28E-09	1.0E+06	1.3E-03	5
90	0.24372	6.39E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03	5
91	0.26788	6.39E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03	5
92	0.29231	6.39E-03	1.9E-03	1.05E-03	1.95E-06	8.61E-04	1.68E-09	1.0E+06	1.7E-03	5
93	0.31456	6.39E-03	2.0E-03	1.05E-03	2.10E-06	8.61E-04	1.81E-09	1.0E+06	1.8E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
94	0.332	6.39E-03	2.1E-03	1.05E-03	2.22E-06	8.61E-04	1.91E-09	1.0E+06	1.9E-03	5
95	0.34277	6.39E-03	2.2E-03	1.05E-03	2.29E-06	8.61E-04	1.97E-09	1.0E+06	2.0E-03	5
96	0.34603	6.39E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03	5
97	0.34198	6.39E-03	2.2E-03	1.05E-03	2.29E-06	8.61E-04	1.97E-09	1.0E+06	2.0E-03	5
98	0.33161	6.39E-03	2.1E-03	1.05E-03	2.22E-06	8.61E-04	1.91E-09	1.0E+06	1.9E-03	5
99	0.31633	6.39E-03	2.0E-03	1.05E-03	2.11E-06	8.61E-04	1.82E-09	1.0E+06	1.8E-03	5
100	0.29771	6.39E-03	1.9E-03	1.05E-03	1.99E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03	5
101	0.07821	6.39E-03	5.0E-04	1.05E-03	5.23E-07	8.61E-04	4.50E-10	1.0E+06	4.5E-04	5
102	0.08344	6.39E-03	5.3E-04	1.05E-03	5.58E-07	8.61E-04	4.80E-10	1.0E+06	4.8E-04	5
103	0.08628	6.39E-03	5.5E-04	1.05E-03	5.77E-07	8.61E-04	4.96E-10	1.0E+06	5.0E-04	5
104	0.13703	6.39E-03	8.8E-04	1.05E-03	9.16E-07	8.61E-04	7.88E-10	1.0E+06	7.9E-04	5
105	0.14855	6.39E-03	9.5E-04	1.05E-03	9.93E-07	8.61E-04	8.55E-10	1.0E+06	8.5E-04	5
106	0.16048	6.39E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.23E-10	1.0E+06	9.2E-04	5
107	0.17246	6.39E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.92E-10	1.0E+06	9.9E-04	5
108	0.18424	6.39E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03	5
109	0.19568	6.39E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03	5
110	0.20727	6.39E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03	5
111	0.2208	6.39E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03	5
112	0.23532	6.39E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.4E-03	5
113	0.25436	6.39E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03	5
114	0.27934	6.39E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03	5
115	0.30978	6.39E-03	2.0E-03	1.05E-03	2.07E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03	5
116	0.34265	6.39E-03	2.2E-03	1.05E-03	2.29E-06	8.61E-04	1.97E-09	1.0E+06	2.0E-03	5
117	0.37364	6.39E-03	2.4E-03	1.05E-03	2.50E-06	8.61E-04	2.15E-09	1.0E+06	2.1E-03	5
118	0.39857	6.39E-03	2.5E-03	1.05E-03	2.66E-06	8.61E-04	2.29E-09	1.0E+06	2.3E-03	5
119	0.41409	6.39E-03	2.6E-03	1.05E-03	2.77E-06	8.61E-04	2.38E-09	1.0E+06	2.4E-03	5
120	0.41869	6.39E-03	2.7E-03	1.05E-03	2.80E-06	8.61E-04	2.41E-09	1.0E+06	2.4E-03	5
121	0.41267	6.39E-03	2.6E-03	1.05E-03	2.76E-06	8.61E-04	2.37E-09	1.0E+06	2.4E-03	5
122	0.39769	6.39E-03	2.5E-03	1.05E-03	2.66E-06	8.61E-04	2.29E-09	1.0E+06	2.3E-03	5
123	0.37606	6.39E-03	2.4E-03	1.05E-03	2.51E-06	8.61E-04	2.16E-09	1.0E+06	2.2E-03	5
124	0.35024	6.39E-03	2.2E-03	1.05E-03	2.34E-06	8.61E-04	2.02E-09	1.0E+06	2.0E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
125	0.08502	6.39E-03	5.4E-04	1.05E-03	5.68E-07	8.61E-04	4.89E-10	1.0E+06	4.9E-04	5
126	0.09125	6.39E-03	5.8E-04	1.05E-03	6.10E-07	8.61E-04	5.25E-10	1.0E+06	5.3E-04	5
127	0.09516	6.39E-03	6.1E-04	1.05E-03	6.36E-07	8.61E-04	5.48E-10	1.0E+06	5.5E-04	5
128	0.17274	6.39E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.94E-10	1.0E+06	9.9E-04	5
129	0.18892	6.39E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03	5
130	0.20561	6.39E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03	5
131	0.22222	6.39E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.28E-09	1.0E+06	1.3E-03	5
132	0.23848	6.39E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03	5
133	0.25577	6.39E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03	5
134	0.27418	6.39E-03	1.8E-03	1.05E-03	1.83E-06	8.61E-04	1.58E-09	1.0E+06	1.6E-03	5
135	0.29552	6.39E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03	5
136	0.32428	6.39E-03	2.1E-03	1.05E-03	2.17E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03	5
137	0.36198	6.39E-03	2.3E-03	1.05E-03	2.42E-06	8.61E-04	2.08E-09	1.0E+06	2.1E-03	5
138	0.40623	6.39E-03	2.6E-03	1.05E-03	2.71E-06	8.61E-04	2.34E-09	1.0E+06	2.3E-03	5
139	0.45031	6.39E-03	2.9E-03	1.05E-03	3.01E-06	8.61E-04	2.59E-09	1.0E+06	2.6E-03	5
140	0.48714	6.39E-03	3.1E-03	1.05E-03	3.26E-06	8.61E-04	2.80E-09	1.0E+06	2.8E-03	5
141	0.5105	6.39E-03	3.3E-03	1.05E-03	3.41E-06	8.61E-04	2.94E-09	1.0E+06	2.9E-03	5
142	0.5174	6.39E-03	3.3E-03	1.05E-03	3.46E-06	8.61E-04	2.98E-09	1.0E+06	3.0E-03	5
143	0.50825	6.39E-03	3.2E-03	1.05E-03	3.40E-06	8.61E-04	2.92E-09	1.0E+06	2.9E-03	5
144	0.48595	6.39E-03	3.1E-03	1.05E-03	3.25E-06	8.61E-04	2.80E-09	1.0E+06	2.8E-03	5
145	0.45449	6.39E-03	2.9E-03	1.05E-03	3.04E-06	8.61E-04	2.61E-09	1.0E+06	2.6E-03	5
146	0.41784	6.39E-03	2.7E-03	1.05E-03	2.79E-06	8.61E-04	2.40E-09	1.0E+06	2.4E-03	5
147	0.09241	6.39E-03	5.9E-04	1.05E-03	6.17E-07	8.61E-04	5.32E-10	1.0E+06	5.3E-04	5
148	0.09986	6.39E-03	6.4E-04	1.05E-03	6.67E-07	8.61E-04	5.75E-10	1.0E+06	5.7E-04	5
149	0.10538	6.39E-03	6.7E-04	1.05E-03	7.04E-07	8.61E-04	6.06E-10	1.0E+06	6.1E-04	5
150	0.20324	6.39E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03	5
151	0.2255	6.39E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03	5
152	0.24926	6.39E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03	5
153	0.27351	6.39E-03	1.7E-03	1.05E-03	1.83E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03	5
154	0.29755	6.39E-03	1.9E-03	1.05E-03	1.99E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03	5
155	0.32437	6.39E-03	2.1E-03	1.05E-03	2.17E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
156	0.35035	6.39E-03	2.2E-03	1.05E-03	2.34E-06	8.61E-04	2.02E-09	1.0E+06	2.0E-03	5
157	0.38325	6.39E-03	2.5E-03	1.05E-03	2.56E-06	8.61E-04	2.21E-09	1.0E+06	2.2E-03	5
158	0.42883	6.39E-03	2.7E-03	1.05E-03	2.87E-06	8.61E-04	2.47E-09	1.0E+06	2.5E-03	5
159	0.48757	6.39E-03	3.1E-03	1.05E-03	3.26E-06	8.61E-04	2.81E-09	1.0E+06	2.8E-03	5
160	0.55152	6.39E-03	3.5E-03	1.05E-03	3.69E-06	8.61E-04	3.17E-09	1.0E+06	3.2E-03	5
161	0.60766	6.39E-03	3.9E-03	1.05E-03	4.06E-06	8.61E-04	3.50E-09	1.0E+06	3.5E-03	5
162	0.64482	6.39E-03	4.1E-03	1.05E-03	4.31E-06	8.61E-04	3.71E-09	1.0E+06	3.7E-03	5
163	0.65602	6.39E-03	4.2E-03	1.05E-03	4.38E-06	8.61E-04	3.77E-09	1.0E+06	3.8E-03	5
164	0.64175	6.39E-03	4.1E-03	1.05E-03	4.29E-06	8.61E-04	3.69E-09	1.0E+06	3.7E-03	5
165	0.60735	6.39E-03	3.9E-03	1.05E-03	4.06E-06	8.61E-04	3.49E-09	1.0E+06	3.5E-03	5
166	0.56004	6.39E-03	3.6E-03	1.05E-03	3.74E-06	8.61E-04	3.22E-09	1.0E+06	3.2E-03	5
167	0.50652	6.39E-03	3.2E-03	1.05E-03	3.38E-06	8.61E-04	2.91E-09	1.0E+06	2.9E-03	5
168	0.45195	6.39E-03	2.9E-03	1.05E-03	3.02E-06	8.61E-04	2.60E-09	1.0E+06	2.6E-03	5
169	0.10031	6.39E-03	6.4E-04	1.05E-03	6.70E-07	8.61E-04	5.77E-10	1.0E+06	5.8E-04	5
170	0.1092	6.39E-03	7.0E-04	1.05E-03	7.30E-07	8.61E-04	6.28E-10	1.0E+06	6.3E-04	5
171	0.11698	6.39E-03	7.5E-04	1.05E-03	7.82E-07	8.61E-04	6.73E-10	1.0E+06	6.7E-04	5
172	0.12496	6.39E-03	8.0E-04	1.05E-03	8.35E-07	8.61E-04	7.19E-10	1.0E+06	7.2E-04	5
173	0.24221	6.39E-03	1.5E-03	1.05E-03	1.62E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03	5
174	0.27352	6.39E-03	1.7E-03	1.05E-03	1.83E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03	5
175	0.30835	6.39E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03	5
176	0.345	6.39E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03	5
177	0.38326	6.39E-03	2.5E-03	1.05E-03	2.56E-06	8.61E-04	2.21E-09	1.0E+06	2.2E-03	5
178	0.42361	6.39E-03	2.7E-03	1.05E-03	2.83E-06	8.61E-04	2.44E-09	1.0E+06	2.4E-03	5
179	0.4644	6.39E-03	3.0E-03	1.05E-03	3.10E-06	8.61E-04	2.67E-09	1.0E+06	2.7E-03	5
180	0.51849	6.39E-03	3.3E-03	1.05E-03	3.46E-06	8.61E-04	2.98E-09	1.0E+06	3.0E-03	5
181	0.5944	6.39E-03	3.8E-03	1.05E-03	3.97E-06	8.61E-04	3.42E-09	1.0E+06	3.4E-03	5
182	0.68772	6.39E-03	4.4E-03	1.05E-03	4.60E-06	8.61E-04	3.96E-09	1.0E+06	4.0E-03	5
183	0.70629	6.39E-03	4.5E-03	1.05E-03	4.72E-06	8.61E-04	4.06E-09	1.0E+06	4.1E-03	5
184	0.62546	6.39E-03	4.0E-03	1.05E-03	4.18E-06	8.61E-04	3.60E-09	1.0E+06	3.6E-03	5
185	0.11918	6.39E-03	7.6E-04	1.05E-03	7.96E-07	8.61E-04	6.86E-10	1.0E+06	6.9E-04	5
186	0.12958	6.39E-03	8.3E-04	1.05E-03	8.66E-07	8.61E-04	7.46E-10	1.0E+06	7.5E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
187	0.1394	6.39E-03	8.9E-04	1.05E-03	9.31E-07	8.61E-04	8.02E-10	1.0E+06	8.0E-04	5
188	0.29253	6.39E-03	1.9E-03	1.05E-03	1.95E-06	8.61E-04	1.68E-09	1.0E+06	1.7E-03	5
189	0.33761	6.39E-03	2.2E-03	1.05E-03	2.26E-06	8.61E-04	1.94E-09	1.0E+06	1.9E-03	5
190	0.39021	6.39E-03	2.5E-03	1.05E-03	2.61E-06	8.61E-04	2.25E-09	1.0E+06	2.2E-03	5
191	0.44858	6.39E-03	2.9E-03	1.05E-03	3.00E-06	8.61E-04	2.58E-09	1.0E+06	2.6E-03	5
192	0.51389	6.39E-03	3.3E-03	1.05E-03	3.43E-06	8.61E-04	2.96E-09	1.0E+06	3.0E-03	5
193	0.57716	6.39E-03	3.7E-03	1.05E-03	3.86E-06	8.61E-04	3.32E-09	1.0E+06	3.3E-03	5
194	0.6463	6.39E-03	4.1E-03	1.05E-03	4.32E-06	8.61E-04	3.72E-09	1.0E+06	3.7E-03	5
195	0.74164	6.39E-03	4.7E-03	1.05E-03	4.96E-06	8.61E-04	4.27E-09	1.0E+06	4.3E-03	5
196	0.87551	6.39E-03	5.6E-03	1.05E-03	5.85E-06	8.61E-04	5.04E-09	1.0E+06	5.0E-03	5
197	1.02415	6.39E-03	6.5E-03	1.05E-03	6.84E-06	8.61E-04	5.89E-09	1.0E+06	5.9E-03	5
198	0.14181	6.39E-03	9.1E-04	1.05E-03	9.48E-07	8.61E-04	8.16E-10	1.0E+06	8.2E-04	5
199	0.15616	6.39E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.98E-10	1.0E+06	9.0E-04	5
200	0.15526	6.39E-03	9.9E-04	1.05E-03	1.04E-06	8.61E-04	8.93E-10	1.0E+06	8.9E-04	5
201	0.17388	6.39E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	1.00E-09	1.0E+06	1.0E-03	5
202	0.19271	6.39E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03	5
203	0.19143	6.39E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03	5
204	0.21855	6.39E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03	5
205	0.24919	6.39E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03	5
206	0.2437	6.39E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03	5
207	0.28334	6.39E-03	1.8E-03	1.05E-03	1.89E-06	8.61E-04	1.63E-09	1.0E+06	1.6E-03	5
208	0.33414	6.39E-03	2.1E-03	1.05E-03	2.23E-06	8.61E-04	1.92E-09	1.0E+06	1.9E-03	5
209	0.27049	6.39E-03	1.7E-03	1.05E-03	1.81E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03	5
210	0.32204	6.39E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.9E-03	5
211	0.38441	6.39E-03	2.5E-03	1.05E-03	2.57E-06	8.61E-04	2.21E-09	1.0E+06	2.2E-03	5
212	0.36306	6.39E-03	2.3E-03	1.05E-03	2.43E-06	8.61E-04	2.09E-09	1.0E+06	2.1E-03	5
213	0.44647	6.39E-03	2.9E-03	1.05E-03	2.98E-06	8.61E-04	2.57E-09	1.0E+06	2.6E-03	5
214	0.55189	6.39E-03	3.5E-03	1.05E-03	3.69E-06	8.61E-04	3.18E-09	1.0E+06	3.2E-03	5
215	0.40827	6.39E-03	2.6E-03	1.05E-03	2.73E-06	8.61E-04	2.35E-09	1.0E+06	2.3E-03	5
216	0.50821	6.39E-03	3.2E-03	1.05E-03	3.40E-06	8.61E-04	2.92E-09	1.0E+06	2.9E-03	5
217	0.6377	6.39E-03	4.1E-03	1.05E-03	4.26E-06	8.61E-04	3.67E-09	1.0E+06	3.7E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
218	0.7164	6.39E-03	4.6E-03	1.05E-03	4.79E-06	8.61E-04	4.12E-09	1.0E+06	4.1E-03	5
219	0.94204	6.39E-03	6.0E-03	1.05E-03	6.29E-06	8.61E-04	5.42E-09	1.0E+06	5.4E-03	5
220	0.7627	6.39E-03	4.9E-03	1.05E-03	5.10E-06	8.61E-04	4.39E-09	1.0E+06	4.4E-03	5
221	0.97321	6.39E-03	6.2E-03	1.05E-03	6.50E-06	8.61E-04	5.60E-09	1.0E+06	5.6E-03	5
222	0.75488	6.39E-03	4.8E-03	1.05E-03	5.04E-06	8.61E-04	4.34E-09	1.0E+06	4.3E-03	5
223	0.92892	6.39E-03	5.9E-03	1.05E-03	6.21E-06	8.61E-04	5.34E-09	1.0E+06	5.3E-03	5
224	1.16266	6.39E-03	7.4E-03	1.05E-03	7.77E-06	8.61E-04	6.69E-09	1.0E+06	6.7E-03	5
225	0.82911	6.39E-03	5.3E-03	1.05E-03	5.54E-06	8.61E-04	4.77E-09	1.0E+06	4.8E-03	5
226	0.97612	6.39E-03	6.2E-03	1.05E-03	6.52E-06	8.61E-04	5.62E-09	1.0E+06	5.6E-03	5
227	0.1546	6.39E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.90E-10	1.0E+06	8.9E-04	5
228	0.13695	6.39E-03	8.8E-04	1.05E-03	9.15E-07	8.61E-04	7.88E-10	1.0E+06	7.9E-04	5
229	0.12216	6.39E-03	7.8E-04	1.05E-03	8.16E-07	8.61E-04	7.03E-10	1.0E+06	7.0E-04	5
230	0.10966	6.39E-03	7.0E-04	1.05E-03	7.33E-07	8.61E-04	6.31E-10	1.0E+06	6.3E-04	5
231	0.13953	6.39E-03	8.9E-04	1.05E-03	9.32E-07	8.61E-04	8.03E-10	1.0E+06	8.0E-04	5
232	0.12468	6.39E-03	8.0E-04	1.05E-03	8.33E-07	8.61E-04	7.17E-10	1.0E+06	7.2E-04	5
233	0.11206	6.39E-03	7.2E-04	1.05E-03	7.49E-07	8.61E-04	6.45E-10	1.0E+06	6.4E-04	5
234	0.10127	6.39E-03	6.5E-04	1.05E-03	6.77E-07	8.61E-04	5.83E-10	1.0E+06	5.8E-04	5
235	0.12627	6.39E-03	8.1E-04	1.05E-03	8.44E-07	8.61E-04	7.27E-10	1.0E+06	7.3E-04	5
236	0.11376	6.39E-03	7.3E-04	1.05E-03	7.60E-07	8.61E-04	6.55E-10	1.0E+06	6.5E-04	5
237	0.10298	6.39E-03	6.6E-04	1.05E-03	6.88E-07	8.61E-04	5.93E-10	1.0E+06	5.9E-04	5
238	0.09365	6.39E-03	6.0E-04	1.05E-03	6.26E-07	8.61E-04	5.39E-10	1.0E+06	5.4E-04	5
239	1.13191	6.39E-03	7.2E-03	1.05E-03	7.56E-06	8.61E-04	6.51E-09	1.0E+06	6.5E-03	5
240	0.9916	6.39E-03	6.3E-03	1.05E-03	6.63E-06	8.61E-04	5.71E-09	1.0E+06	5.7E-03	5
241	0.87009	6.39E-03	5.6E-03	1.05E-03	5.81E-06	8.61E-04	5.01E-09	1.0E+06	5.0E-03	5
242	0.76554	6.39E-03	4.9E-03	1.05E-03	5.12E-06	8.61E-04	4.40E-09	1.0E+06	4.4E-03	5
243	0.94554	6.39E-03	6.0E-03	1.05E-03	6.32E-06	8.61E-04	5.44E-09	1.0E+06	5.4E-03	5
244	0.84156	6.39E-03	5.4E-03	1.05E-03	5.62E-06	8.61E-04	4.84E-09	1.0E+06	4.8E-03	5
245	0.7491	6.39E-03	4.8E-03	1.05E-03	5.01E-06	8.61E-04	4.31E-09	1.0E+06	4.3E-03	5
246	0.66753	6.39E-03	4.3E-03	1.05E-03	4.46E-06	8.61E-04	3.84E-09	1.0E+06	3.8E-03	5
247	0.80017	6.39E-03	5.1E-03	1.05E-03	5.35E-06	8.61E-04	4.60E-09	1.0E+06	4.6E-03	5
248	0.72151	6.39E-03	4.6E-03	1.05E-03	4.82E-06	8.61E-04	4.15E-09	1.0E+06	4.2E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
249	0.65005	6.39E-03	4.2E-03	1.05E-03	4.34E-06	8.61E-04	3.74E-09	1.0E+06	3.7E-03	5
250	0.5856	6.39E-03	3.7E-03	1.05E-03	3.91E-06	8.61E-04	3.37E-09	1.0E+06	3.4E-03	5
251	0.31667	6.39E-03	2.0E-03	1.05E-03	2.12E-06	8.61E-04	1.82E-09	1.0E+06	1.8E-03	5
252	0.29409	6.39E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03	5
253	0.35336	6.39E-03	2.3E-03	1.05E-03	2.36E-06	8.61E-04	2.03E-09	1.0E+06	2.0E-03	5
254	0.33054	6.39E-03	2.1E-03	1.05E-03	2.21E-06	8.61E-04	1.90E-09	1.0E+06	1.9E-03	5
255	0.28843	6.39E-03	1.8E-03	1.05E-03	1.93E-06	8.61E-04	1.66E-09	1.0E+06	1.7E-03	5
256	0.26925	6.39E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.5E-03	5
257	0.21962	6.39E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03	5
258	0.31809	6.39E-03	2.0E-03	1.05E-03	2.13E-06	8.61E-04	1.83E-09	1.0E+06	1.8E-03	5
259	0.29905	6.39E-03	1.9E-03	1.05E-03	2.00E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03	5
260	0.28082	6.39E-03	1.8E-03	1.05E-03	1.88E-06	8.61E-04	1.62E-09	1.0E+06	1.6E-03	5
261	0.26353	6.39E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03	5
262	0.24718	6.39E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03	5
263	0.20415	6.39E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03	5
264	0.27162	6.39E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03	5
265	0.25625	6.39E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03	5
266	0.24154	6.39E-03	1.5E-03	1.05E-03	1.61E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03	5
267	0.22752	6.39E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03	5
268	0.19016	6.39E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03	5
269	0.32059	6.39E-03	2.0E-03	1.05E-03	2.14E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03	5
270	0.2682	6.39E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03	5
271	0.22761	6.39E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03	5
272	0.19559	6.39E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03	5
273	0.16995	6.39E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.78E-10	1.0E+06	9.8E-04	5
274	0.14916	6.39E-03	9.5E-04	1.05E-03	9.97E-07	8.61E-04	8.58E-10	1.0E+06	8.6E-04	5
275	0.13207	6.39E-03	8.4E-04	1.05E-03	8.83E-07	8.61E-04	7.60E-10	1.0E+06	7.6E-04	5
276	0.28323	6.39E-03	1.8E-03	1.05E-03	1.89E-06	8.61E-04	1.63E-09	1.0E+06	1.6E-03	5
277	0.23862	6.39E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03	5
278	0.20388	6.39E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03	5
279	0.1763	6.39E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03	5



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
280	0.15411	6.39E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.87E-10	1.0E+06	8.9E-04	5
281	0.13601	6.39E-03	8.7E-04	1.05E-03	9.09E-07	8.61E-04	7.83E-10	1.0E+06	7.8E-04	5
282	0.12104	6.39E-03	7.7E-04	1.05E-03	8.09E-07	8.61E-04	6.96E-10	1.0E+06	7.0E-04	5
283	0.24911	6.39E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03	5
284	0.21184	6.39E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03	5
285	0.18251	6.39E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03	5
286	0.15901	6.39E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.15E-10	1.0E+06	9.1E-04	5
287	0.13992	6.39E-03	8.9E-04	1.05E-03	9.35E-07	8.61E-04	8.05E-10	1.0E+06	8.1E-04	5
288	0.12422	6.39E-03	7.9E-04	1.05E-03	8.30E-07	8.61E-04	7.15E-10	1.0E+06	7.1E-04	5
289	0.11115	6.39E-03	7.1E-04	1.05E-03	7.43E-07	8.61E-04	6.40E-10	1.0E+06	6.4E-04	5
290	0.2199	6.39E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03	5
291	0.18885	6.39E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03	5
292	0.16408	6.39E-03	1.0E-03	1.05E-03	1.10E-06	8.61E-04	9.44E-10	1.0E+06	9.4E-04	5
293	0.14402	6.39E-03	9.2E-04	1.05E-03	9.62E-07	8.61E-04	8.29E-10	1.0E+06	8.3E-04	5
294	0.12757	6.39E-03	8.2E-04	1.05E-03	8.52E-07	8.61E-04	7.34E-10	1.0E+06	7.3E-04	5
295	0.11392	6.39E-03	7.3E-04	1.05E-03	7.61E-07	8.61E-04	6.55E-10	1.0E+06	6.6E-04	5
296	0.10247	6.39E-03	6.6E-04	1.05E-03	6.85E-07	8.61E-04	5.90E-10	1.0E+06	5.9E-04	5
297	0.19576	6.39E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03	5
298	0.16963	6.39E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.76E-10	1.0E+06	9.8E-04	5
299	0.14853	6.39E-03	9.5E-04	1.05E-03	9.92E-07	8.61E-04	8.55E-10	1.0E+06	8.5E-04	5
300	0.13128	6.39E-03	8.4E-04	1.05E-03	8.77E-07	8.61E-04	7.55E-10	1.0E+06	7.6E-04	5
301	0.11699	6.39E-03	7.5E-04	1.05E-03	7.82E-07	8.61E-04	6.73E-10	1.0E+06	6.7E-04	5
302	0.10504	6.39E-03	6.7E-04	1.05E-03	7.02E-07	8.61E-04	6.04E-10	1.0E+06	6.0E-04	5
303	0.09493	6.39E-03	6.1E-04	1.05E-03	6.34E-07	8.61E-04	5.46E-10	1.0E+06	5.5E-04	5
304	0.17575	6.39E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03	5
305	0.15355	6.39E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.83E-10	1.0E+06	8.8E-04	5
306	0.13543	6.39E-03	8.7E-04	1.05E-03	9.05E-07	8.61E-04	7.79E-10	1.0E+06	7.8E-04	5
307	0.12045	6.39E-03	7.7E-04	1.05E-03	8.05E-07	8.61E-04	6.93E-10	1.0E+06	6.9E-04	5
308	0.10793	6.39E-03	6.9E-04	1.05E-03	7.21E-07	8.61E-04	6.21E-10	1.0E+06	6.2E-04	5
309	0.09737	6.39E-03	6.2E-04	1.05E-03	6.51E-07	8.61E-04	5.60E-10	1.0E+06	5.6E-04	5
310	0.08839	6.39E-03	5.7E-04	1.05E-03	5.91E-07	8.61E-04	5.09E-10	1.0E+06	5.1E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
311	0.15895	6.39E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.15E-10	1.0E+06	9.1E-04	5
312	0.13992	6.39E-03	8.9E-04	1.05E-03	9.35E-07	8.61E-04	8.05E-10	1.0E+06	8.1E-04	5
313	0.12423	6.39E-03	7.9E-04	1.05E-03	8.30E-07	8.61E-04	7.15E-10	1.0E+06	7.1E-04	5
314	0.11113	6.39E-03	7.1E-04	1.05E-03	7.43E-07	8.61E-04	6.39E-10	1.0E+06	6.4E-04	5
315	0.10009	6.39E-03	6.4E-04	1.05E-03	6.69E-07	8.61E-04	5.76E-10	1.0E+06	5.8E-04	5
316	0.09072	6.39E-03	5.8E-04	1.05E-03	6.06E-07	8.61E-04	5.22E-10	1.0E+06	5.2E-04	5
317	0.08268	6.39E-03	5.3E-04	1.05E-03	5.52E-07	8.61E-04	4.76E-10	1.0E+06	4.8E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk**

***Chronic Non Cancer Risk***

Receptor #	HI
1	7.25E-05
2	7.61E-05
3	7.73E-05
4	1.09E-04
5	1.14E-04
6	1.19E-04
7	1.24E-04
8	1.29E-04
9	1.34E-04
10	1.38E-04
11	1.43E-04
12	1.49E-04
13	1.56E-04
14	1.65E-04
15	1.75E-04
16	1.88E-04
17	2.02E-04
18	2.17E-04
19	2.32E-04
20	2.46E-04
21	2.58E-04
22	2.67E-04
23	2.73E-04
24	2.75E-04
25	2.73E-04
26	7.83E-05
27	8.24E-05
28	8.39E-05
29	1.21E-04
30	1.28E-04
31	1.35E-04

Max	Receptor #
0.001	224

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
32	1.41E-04
33	1.47E-04
34	1.53E-04
35	1.59E-04
36	1.66E-04
37	1.73E-04
38	1.83E-04
39	1.94E-04
40	2.08E-04
41	2.25E-04
42	2.43E-04
43	2.62E-04
44	2.80E-04
45	2.96E-04
46	3.08E-04
47	3.15E-04
48	3.18E-04
49	3.15E-04
50	3.08E-04
51	8.48E-05
52	8.96E-05
53	9.14E-05
54	1.36E-04
55	1.45E-04
56	1.53E-04
57	1.62E-04
58	1.70E-04
59	1.78E-04
60	1.86E-04
61	1.94E-04
62	2.04E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
63	2.17E-04
64	2.32E-04
65	2.52E-04
66	2.75E-04
67	2.99E-04
68	3.22E-04
69	3.43E-04
70	3.59E-04
71	3.69E-04
72	3.72E-04
73	3.69E-04
74	3.59E-04
75	3.45E-04
76	9.20E-05
77	9.76E-05
78	1.00E-04
79	1.54E-04
80	1.65E-04
81	1.76E-04
82	1.88E-04
83	1.99E-04
84	2.09E-04
85	2.20E-04
86	2.32E-04
87	2.46E-04
88	2.63E-04
89	2.84E-04
90	3.12E-04
91	3.43E-04
92	3.74E-04
93	4.02E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
94	4.25E-04
95	4.38E-04
96	4.42E-04
97	4.37E-04
98	4.24E-04
99	4.04E-04
100	3.81E-04
101	1.00E-04
102	1.07E-04
103	1.10E-04
104	1.75E-04
105	1.90E-04
106	2.05E-04
107	2.21E-04
108	2.36E-04
109	2.50E-04
110	2.65E-04
111	2.82E-04
112	3.01E-04
113	3.25E-04
114	3.57E-04
115	3.96E-04
116	4.38E-04
117	4.78E-04
118	5.10E-04
119	5.29E-04
120	5.35E-04
121	5.28E-04
122	5.08E-04
123	4.81E-04
124	4.48E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
125	1.09E-04
126	1.17E-04
127	1.22E-04
128	2.21E-04
129	2.42E-04
130	2.63E-04
131	2.84E-04
132	3.05E-04
133	3.27E-04
134	3.51E-04
135	3.78E-04
136	4.15E-04
137	4.63E-04
138	5.19E-04
139	5.76E-04
140	6.23E-04
141	6.53E-04
142	6.62E-04
143	6.50E-04
144	6.21E-04
145	5.81E-04
146	5.34E-04
147	1.18E-04
148	1.28E-04
149	1.35E-04
150	2.60E-04
151	2.88E-04
152	3.19E-04
153	3.50E-04
154	3.80E-04
155	4.15E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
156	4.48E-04
157	4.90E-04
158	5.48E-04
159	6.23E-04
160	7.05E-04
161	7.77E-04
162	8.24E-04
163	8.39E-04
164	8.21E-04
165	7.77E-04
166	7.16E-04
167	6.48E-04
168	5.78E-04
169	1.28E-04
170	1.40E-04
171	1.50E-04
172	1.60E-04
173	3.10E-04
174	3.50E-04
175	3.94E-04
176	4.41E-04
177	4.90E-04
178	5.42E-04
179	5.94E-04
180	6.63E-04
181	7.60E-04
182	8.79E-04
183	9.03E-04
184	8.00E-04
185	1.52E-04
186	1.66E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
187	1.78E-04
188	3.74E-04
189	4.32E-04
190	4.99E-04
191	5.74E-04
192	6.57E-04
193	7.38E-04
194	8.26E-04
195	9.48E-04
196	1.12E-03
197	1.31E-03
198	1.81E-04
199	2.00E-04
200	1.99E-04
201	2.22E-04
202	2.46E-04
203	2.45E-04
204	2.79E-04
205	3.19E-04
206	3.12E-04
207	3.62E-04
208	4.27E-04
209	3.46E-04
210	4.12E-04
211	4.92E-04
212	4.64E-04
213	5.71E-04
214	7.06E-04
215	5.22E-04
216	6.50E-04
217	8.15E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
218	9.16E-04
219	1.20E-03
220	9.75E-04
221	1.24E-03
222	9.65E-04
223	1.19E-03
224	1.49E-03
225	1.06E-03
226	1.25E-03
227	1.98E-04
228	1.75E-04
229	1.56E-04
230	1.40E-04
231	1.78E-04
232	1.59E-04
233	1.43E-04
234	1.29E-04
235	1.61E-04
236	1.45E-04
237	1.32E-04
238	1.20E-04
239	1.45E-03
240	1.27E-03
241	1.11E-03
242	9.79E-04
243	1.21E-03
244	1.08E-03
245	9.58E-04
246	8.54E-04
247	1.02E-03
248	9.23E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
249	8.31E-04
250	7.49E-04
251	4.05E-04
252	3.76E-04
253	4.52E-04
254	4.23E-04
255	3.69E-04
256	3.44E-04
257	2.81E-04
258	4.07E-04
259	3.82E-04
260	3.59E-04
261	3.37E-04
262	3.16E-04
263	2.61E-04
264	3.47E-04
265	3.28E-04
266	3.09E-04
267	2.91E-04
268	2.43E-04
269	4.10E-04
270	3.43E-04
271	2.91E-04
272	2.50E-04
273	2.17E-04
274	1.91E-04
275	1.69E-04
276	3.62E-04
277	3.05E-04
278	2.61E-04
279	2.25E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
280	1.97E-04
281	1.74E-04
282	1.55E-04
283	3.19E-04
284	2.71E-04
285	2.33E-04
286	2.03E-04
287	1.79E-04
288	1.59E-04
289	1.42E-04
290	2.81E-04
291	2.41E-04
292	2.10E-04
293	1.84E-04
294	1.63E-04
295	1.46E-04
296	1.31E-04
297	2.50E-04
298	2.17E-04
299	1.90E-04
300	1.68E-04
301	1.50E-04
302	1.34E-04
303	1.21E-04
304	2.25E-04
305	1.96E-04
306	1.73E-04
307	1.54E-04
308	1.38E-04
309	1.24E-04
310	1.13E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Site Preparation Risk**

***Chronic Non Cancer Risk***

<b>Receptor #</b>	<b>HI</b>
311	2.03E-04
312	1.79E-04
313	1.59E-04
314	1.42E-04
315	1.28E-04
316	1.16E-04
317	1.06E-04

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Parcel 7-E: Unmitigated - Parcel 7 - Grading Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05672	7.62E-03	4.3E-04	1.05E-03	4.51E-07	8.61E-04	3.89E-10	1.0E+06	3.9E-04
2	0.05952	7.62E-03	4.5E-04	1.05E-03	4.74E-07	8.61E-04	4.08E-10	1.0E+06	4.1E-04
3	0.06045	7.62E-03	4.6E-04	1.05E-03	4.81E-07	8.61E-04	4.14E-10	1.0E+06	4.1E-04
4	0.08486	7.62E-03	6.5E-04	1.05E-03	6.75E-07	8.61E-04	5.82E-10	1.0E+06	5.8E-04
5	0.08913	7.62E-03	6.8E-04	1.05E-03	7.09E-07	8.61E-04	6.11E-10	1.0E+06	6.1E-04
6	0.09327	7.62E-03	7.1E-04	1.05E-03	7.42E-07	8.61E-04	6.39E-10	1.0E+06	6.4E-04
7	0.09722	7.62E-03	7.4E-04	1.05E-03	7.74E-07	8.61E-04	6.66E-10	1.0E+06	6.7E-04
8	0.10098	7.62E-03	7.7E-04	1.05E-03	8.04E-07	8.61E-04	6.92E-10	1.0E+06	6.9E-04
9	0.1046	7.62E-03	8.0E-04	1.05E-03	8.33E-07	8.61E-04	7.17E-10	1.0E+06	7.2E-04
10	0.10822	7.62E-03	8.2E-04	1.05E-03	8.61E-07	8.61E-04	7.42E-10	1.0E+06	7.4E-04
11	0.11206	7.62E-03	8.5E-04	1.05E-03	8.92E-07	8.61E-04	7.68E-10	1.0E+06	7.7E-04
12	0.1165	7.62E-03	8.9E-04	1.05E-03	9.27E-07	8.61E-04	7.98E-10	1.0E+06	8.0E-04
13	0.12211	7.62E-03	9.3E-04	1.05E-03	9.72E-07	8.61E-04	8.37E-10	1.0E+06	8.4E-04
14	0.12881	7.62E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.83E-10	1.0E+06	8.8E-04
15	0.13696	7.62E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.39E-10	1.0E+06	9.4E-04
16	0.14684	7.62E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
17	0.158	7.62E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
18	0.16973	7.62E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
19	0.18149	7.62E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
20	0.19245	7.62E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
21	0.20182	7.62E-03	1.5E-03	1.05E-03	1.61E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
22	0.20893	7.62E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03
23	0.21334	7.62E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
24	0.21485	7.62E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03
25	0.21352	7.62E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
26	0.06125	7.62E-03	4.7E-04	1.05E-03	4.88E-07	8.61E-04	4.20E-10	1.0E+06	4.2E-04
27	0.06445	7.62E-03	4.9E-04	1.05E-03	5.13E-07	8.61E-04	4.42E-10	1.0E+06	4.4E-04
28	0.06558	7.62E-03	5.0E-04	1.05E-03	5.22E-07	8.61E-04	4.49E-10	1.0E+06	4.5E-04
29	0.09467	7.62E-03	7.2E-04	1.05E-03	7.54E-07	8.61E-04	6.49E-10	1.0E+06	6.5E-04
30	0.10007	7.62E-03	7.6E-04	1.05E-03	7.97E-07	8.61E-04	6.86E-10	1.0E+06	6.9E-04
31	0.10536	7.62E-03	8.0E-04	1.05E-03	8.39E-07	8.61E-04	7.22E-10	1.0E+06	7.2E-04

<b>Max</b>	<b>Receptor #</b>
0.008	224

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
32	0.11045	7.62E-03	8.4E-04	1.05E-03	8.79E-07	8.61E-04	7.57E-10	1.0E+06	7.6E-04
33	0.11528	7.62E-03	8.8E-04	1.05E-03	9.18E-07	8.61E-04	7.90E-10	1.0E+06	7.9E-04
34	0.11992	7.62E-03	9.1E-04	1.05E-03	9.55E-07	8.61E-04	8.22E-10	1.0E+06	8.2E-04
35	0.12456	7.62E-03	9.5E-04	1.05E-03	9.91E-07	8.61E-04	8.54E-10	1.0E+06	8.5E-04
36	0.12949	7.62E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.87E-10	1.0E+06	8.9E-04
37	0.13552	7.62E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.29E-10	1.0E+06	9.3E-04
38	0.14292	7.62E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.80E-10	1.0E+06	9.8E-04
39	0.15169	7.62E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
40	0.16266	7.62E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
41	0.17589	7.62E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
42	0.1903	7.62E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
43	0.20511	7.62E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
44	0.21923	7.62E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03
45	0.23148	7.62E-03	1.8E-03	1.05E-03	1.84E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03
46	0.24083	7.62E-03	1.8E-03	1.05E-03	1.92E-06	8.61E-04	1.65E-09	1.0E+06	1.7E-03
47	0.24659	7.62E-03	1.9E-03	1.05E-03	1.96E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
48	0.24848	7.62E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03
49	0.24657	7.62E-03	1.9E-03	1.05E-03	1.96E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
50	0.24125	7.62E-03	1.8E-03	1.05E-03	1.92E-06	8.61E-04	1.65E-09	1.0E+06	1.7E-03
51	0.06633	7.62E-03	5.1E-04	1.05E-03	5.28E-07	8.61E-04	4.55E-10	1.0E+06	4.5E-04
52	0.07005	7.62E-03	5.3E-04	1.05E-03	5.58E-07	8.61E-04	4.80E-10	1.0E+06	4.8E-04
53	0.0715	7.62E-03	5.4E-04	1.05E-03	5.69E-07	8.61E-04	4.90E-10	1.0E+06	4.9E-04
54	0.10631	7.62E-03	8.1E-04	1.05E-03	8.46E-07	8.61E-04	7.29E-10	1.0E+06	7.3E-04
55	0.11319	7.62E-03	8.6E-04	1.05E-03	9.01E-07	8.61E-04	7.76E-10	1.0E+06	7.8E-04
56	0.12001	7.62E-03	9.1E-04	1.05E-03	9.55E-07	8.61E-04	8.23E-10	1.0E+06	8.2E-04
57	0.12666	7.62E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.68E-10	1.0E+06	8.7E-04
58	0.13301	7.62E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.12E-10	1.0E+06	9.1E-04
59	0.13915	7.62E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.54E-10	1.0E+06	9.5E-04
60	0.14525	7.62E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.95E-10	1.0E+06	1.0E-03
61	0.15173	7.62E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
62	0.15991	7.62E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.16969	7.62E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
64	0.18176	7.62E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.2E-03
65	0.19684	7.62E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03
66	0.2147	7.62E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03
67	0.23349	7.62E-03	1.8E-03	1.05E-03	1.86E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03
68	0.25195	7.62E-03	1.9E-03	1.05E-03	2.01E-06	8.61E-04	1.73E-09	1.0E+06	1.7E-03
69	0.26827	7.62E-03	2.0E-03	1.05E-03	2.14E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03
70	0.28087	7.62E-03	2.1E-03	1.05E-03	2.24E-06	8.61E-04	1.92E-09	1.0E+06	1.9E-03
71	0.28863	7.62E-03	2.2E-03	1.05E-03	2.30E-06	8.61E-04	1.98E-09	1.0E+06	2.0E-03
72	0.29105	7.62E-03	2.2E-03	1.05E-03	2.32E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03
73	0.28828	7.62E-03	2.2E-03	1.05E-03	2.29E-06	8.61E-04	1.98E-09	1.0E+06	2.0E-03
74	0.28093	7.62E-03	2.1E-03	1.05E-03	2.24E-06	8.61E-04	1.93E-09	1.0E+06	1.9E-03
75	0.26989	7.62E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.8E-03
76	0.07198	7.62E-03	5.5E-04	1.05E-03	5.73E-07	8.61E-04	4.93E-10	1.0E+06	4.9E-04
77	0.07636	7.62E-03	5.8E-04	1.05E-03	6.08E-07	8.61E-04	5.23E-10	1.0E+06	5.2E-04
78	0.07838	7.62E-03	6.0E-04	1.05E-03	6.24E-07	8.61E-04	5.37E-10	1.0E+06	5.4E-04
79	0.12022	7.62E-03	9.2E-04	1.05E-03	9.57E-07	8.61E-04	8.24E-10	1.0E+06	8.2E-04
80	0.12908	7.62E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.85E-10	1.0E+06	8.8E-04
81	0.13802	7.62E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.46E-10	1.0E+06	9.5E-04
82	0.14684	7.62E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
83	0.15539	7.62E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
84	0.16368	7.62E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
85	0.17191	7.62E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
86	0.1814	7.62E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
87	0.19221	7.62E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
88	0.20534	7.62E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
89	0.22244	7.62E-03	1.7E-03	1.05E-03	1.77E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
90	0.24372	7.62E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03
91	0.26788	7.62E-03	2.0E-03	1.05E-03	2.13E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03
92	0.29231	7.62E-03	2.2E-03	1.05E-03	2.33E-06	8.61E-04	2.00E-09	1.0E+06	2.0E-03
93	0.31456	7.62E-03	2.4E-03	1.05E-03	2.50E-06	8.61E-04	2.16E-09	1.0E+06	2.2E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.332	7.62E-03	2.5E-03	1.05E-03	2.64E-06	8.61E-04	2.28E-09	1.0E+06	2.3E-03
95	0.34277	7.62E-03	2.6E-03	1.05E-03	2.73E-06	8.61E-04	2.35E-09	1.0E+06	2.3E-03
96	0.34603	7.62E-03	2.6E-03	1.05E-03	2.75E-06	8.61E-04	2.37E-09	1.0E+06	2.4E-03
97	0.34198	7.62E-03	2.6E-03	1.05E-03	2.72E-06	8.61E-04	2.34E-09	1.0E+06	2.3E-03
98	0.33161	7.62E-03	2.5E-03	1.05E-03	2.64E-06	8.61E-04	2.27E-09	1.0E+06	2.3E-03
99	0.31633	7.62E-03	2.4E-03	1.05E-03	2.52E-06	8.61E-04	2.17E-09	1.0E+06	2.2E-03
100	0.29771	7.62E-03	2.3E-03	1.05E-03	2.37E-06	8.61E-04	2.04E-09	1.0E+06	2.0E-03
101	0.07821	7.62E-03	6.0E-04	1.05E-03	6.23E-07	8.61E-04	5.36E-10	1.0E+06	5.4E-04
102	0.08344	7.62E-03	6.4E-04	1.05E-03	6.64E-07	8.61E-04	5.72E-10	1.0E+06	5.7E-04
103	0.08628	7.62E-03	6.6E-04	1.05E-03	6.87E-07	8.61E-04	5.91E-10	1.0E+06	5.9E-04
104	0.13703	7.62E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.39E-10	1.0E+06	9.4E-04
105	0.14855	7.62E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
106	0.16048	7.62E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
107	0.17246	7.62E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
108	0.18424	7.62E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03
109	0.19568	7.62E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
110	0.20727	7.62E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03
111	0.2208	7.62E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
112	0.23532	7.62E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03
113	0.25436	7.62E-03	1.9E-03	1.05E-03	2.02E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03
114	0.27934	7.62E-03	2.1E-03	1.05E-03	2.22E-06	8.61E-04	1.91E-09	1.0E+06	1.9E-03
115	0.30978	7.62E-03	2.4E-03	1.05E-03	2.47E-06	8.61E-04	2.12E-09	1.0E+06	2.1E-03
116	0.34265	7.62E-03	2.6E-03	1.05E-03	2.73E-06	8.61E-04	2.35E-09	1.0E+06	2.3E-03
117	0.37364	7.62E-03	2.8E-03	1.05E-03	2.97E-06	8.61E-04	2.56E-09	1.0E+06	2.6E-03
118	0.39857	7.62E-03	3.0E-03	1.05E-03	3.17E-06	8.61E-04	2.73E-09	1.0E+06	2.7E-03
119	0.41409	7.62E-03	3.2E-03	1.05E-03	3.30E-06	8.61E-04	2.84E-09	1.0E+06	2.8E-03
120	0.41869	7.62E-03	3.2E-03	1.05E-03	3.33E-06	8.61E-04	2.87E-09	1.0E+06	2.9E-03
121	0.41267	7.62E-03	3.1E-03	1.05E-03	3.28E-06	8.61E-04	2.83E-09	1.0E+06	2.8E-03
122	0.39769	7.62E-03	3.0E-03	1.05E-03	3.17E-06	8.61E-04	2.73E-09	1.0E+06	2.7E-03
123	0.37606	7.62E-03	2.9E-03	1.05E-03	2.99E-06	8.61E-04	2.58E-09	1.0E+06	2.6E-03
124	0.35024	7.62E-03	2.7E-03	1.05E-03	2.79E-06	8.61E-04	2.40E-09	1.0E+06	2.4E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
125	0.08502	7.62E-03	6.5E-04	1.05E-03	6.77E-07	8.61E-04	5.83E-10	1.0E+06	5.8E-04
126	0.09125	7.62E-03	6.9E-04	1.05E-03	7.26E-07	8.61E-04	6.25E-10	1.0E+06	6.3E-04
127	0.09516	7.62E-03	7.2E-04	1.05E-03	7.57E-07	8.61E-04	6.52E-10	1.0E+06	6.5E-04
128	0.17274	7.62E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
129	0.18892	7.62E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
130	0.20561	7.62E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
131	0.22222	7.62E-03	1.7E-03	1.05E-03	1.77E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
132	0.23848	7.62E-03	1.8E-03	1.05E-03	1.90E-06	8.61E-04	1.63E-09	1.0E+06	1.6E-03
133	0.25577	7.62E-03	1.9E-03	1.05E-03	2.04E-06	8.61E-04	1.75E-09	1.0E+06	1.8E-03
134	0.27418	7.62E-03	2.1E-03	1.05E-03	2.18E-06	8.61E-04	1.88E-09	1.0E+06	1.9E-03
135	0.29552	7.62E-03	2.3E-03	1.05E-03	2.35E-06	8.61E-04	2.03E-09	1.0E+06	2.0E-03
136	0.32428	7.62E-03	2.5E-03	1.05E-03	2.58E-06	8.61E-04	2.22E-09	1.0E+06	2.2E-03
137	0.36198	7.62E-03	2.8E-03	1.05E-03	2.88E-06	8.61E-04	2.48E-09	1.0E+06	2.5E-03
138	0.40623	7.62E-03	3.1E-03	1.05E-03	3.23E-06	8.61E-04	2.78E-09	1.0E+06	2.8E-03
139	0.45031	7.62E-03	3.4E-03	1.05E-03	3.58E-06	8.61E-04	3.09E-09	1.0E+06	3.1E-03
140	0.48714	7.62E-03	3.7E-03	1.05E-03	3.88E-06	8.61E-04	3.34E-09	1.0E+06	3.3E-03
141	0.5105	7.62E-03	3.9E-03	1.05E-03	4.06E-06	8.61E-04	3.50E-09	1.0E+06	3.5E-03
142	0.5174	7.62E-03	3.9E-03	1.05E-03	4.12E-06	8.61E-04	3.55E-09	1.0E+06	3.5E-03
143	0.50825	7.62E-03	3.9E-03	1.05E-03	4.05E-06	8.61E-04	3.48E-09	1.0E+06	3.5E-03
144	0.48595	7.62E-03	3.7E-03	1.05E-03	3.87E-06	8.61E-04	3.33E-09	1.0E+06	3.3E-03
145	0.45449	7.62E-03	3.5E-03	1.05E-03	3.62E-06	8.61E-04	3.11E-09	1.0E+06	3.1E-03
146	0.41784	7.62E-03	3.2E-03	1.05E-03	3.33E-06	8.61E-04	2.86E-09	1.0E+06	2.9E-03
147	0.09241	7.62E-03	7.0E-04	1.05E-03	7.36E-07	8.61E-04	6.33E-10	1.0E+06	6.3E-04
148	0.09986	7.62E-03	7.6E-04	1.05E-03	7.95E-07	8.61E-04	6.84E-10	1.0E+06	6.8E-04
149	0.10538	7.62E-03	8.0E-04	1.05E-03	8.39E-07	8.61E-04	7.22E-10	1.0E+06	7.2E-04
150	0.20324	7.62E-03	1.5E-03	1.05E-03	1.62E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03
151	0.2255	7.62E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.55E-09	1.0E+06	1.5E-03
152	0.24926	7.62E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03
153	0.27351	7.62E-03	2.1E-03	1.05E-03	2.18E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03
154	0.29755	7.62E-03	2.3E-03	1.05E-03	2.37E-06	8.61E-04	2.04E-09	1.0E+06	2.0E-03
155	0.32437	7.62E-03	2.5E-03	1.05E-03	2.58E-06	8.61E-04	2.22E-09	1.0E+06	2.2E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
156	0.35035	7.62E-03	2.7E-03	1.05E-03	2.79E-06	8.61E-04	2.40E-09	1.0E+06	2.4E-03
157	0.38325	7.62E-03	2.9E-03	1.05E-03	3.05E-06	8.61E-04	2.63E-09	1.0E+06	2.6E-03
158	0.42883	7.62E-03	3.3E-03	1.05E-03	3.41E-06	8.61E-04	2.94E-09	1.0E+06	2.9E-03
159	0.48757	7.62E-03	3.7E-03	1.05E-03	3.88E-06	8.61E-04	3.34E-09	1.0E+06	3.3E-03
160	0.55152	7.62E-03	4.2E-03	1.05E-03	4.39E-06	8.61E-04	3.78E-09	1.0E+06	3.8E-03
161	0.60766	7.62E-03	4.6E-03	1.05E-03	4.84E-06	8.61E-04	4.16E-09	1.0E+06	4.2E-03
162	0.64482	7.62E-03	4.9E-03	1.05E-03	5.13E-06	8.61E-04	4.42E-09	1.0E+06	4.4E-03
163	0.65602	7.62E-03	5.0E-03	1.05E-03	5.22E-06	8.61E-04	4.50E-09	1.0E+06	4.5E-03
164	0.64175	7.62E-03	4.9E-03	1.05E-03	5.11E-06	8.61E-04	4.40E-09	1.0E+06	4.4E-03
165	0.60735	7.62E-03	4.6E-03	1.05E-03	4.83E-06	8.61E-04	4.16E-09	1.0E+06	4.2E-03
166	0.56004	7.62E-03	4.3E-03	1.05E-03	4.46E-06	8.61E-04	3.84E-09	1.0E+06	3.8E-03
167	0.50652	7.62E-03	3.9E-03	1.05E-03	4.03E-06	8.61E-04	3.47E-09	1.0E+06	3.5E-03
168	0.45195	7.62E-03	3.4E-03	1.05E-03	3.60E-06	8.61E-04	3.10E-09	1.0E+06	3.1E-03
169	0.10031	7.62E-03	7.6E-04	1.05E-03	7.98E-07	8.61E-04	6.87E-10	1.0E+06	6.9E-04
170	0.1092	7.62E-03	8.3E-04	1.05E-03	8.69E-07	8.61E-04	7.48E-10	1.0E+06	7.5E-04
171	0.11698	7.62E-03	8.9E-04	1.05E-03	9.31E-07	8.61E-04	8.02E-10	1.0E+06	8.0E-04
172	0.12496	7.62E-03	9.5E-04	1.05E-03	9.95E-07	8.61E-04	8.56E-10	1.0E+06	8.6E-04
173	0.24221	7.62E-03	1.8E-03	1.05E-03	1.93E-06	8.61E-04	1.66E-09	1.0E+06	1.7E-03
174	0.27352	7.62E-03	2.1E-03	1.05E-03	2.18E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03
175	0.30835	7.62E-03	2.3E-03	1.05E-03	2.45E-06	8.61E-04	2.11E-09	1.0E+06	2.1E-03
176	0.345	7.62E-03	2.6E-03	1.05E-03	2.75E-06	8.61E-04	2.36E-09	1.0E+06	2.4E-03
177	0.38326	7.62E-03	2.9E-03	1.05E-03	3.05E-06	8.61E-04	2.63E-09	1.0E+06	2.6E-03
178	0.42361	7.62E-03	3.2E-03	1.05E-03	3.37E-06	8.61E-04	2.90E-09	1.0E+06	2.9E-03
179	0.4644	7.62E-03	3.5E-03	1.05E-03	3.70E-06	8.61E-04	3.18E-09	1.0E+06	3.2E-03
180	0.51849	7.62E-03	3.9E-03	1.05E-03	4.13E-06	8.61E-04	3.55E-09	1.0E+06	3.6E-03
181	0.5944	7.62E-03	4.5E-03	1.05E-03	4.73E-06	8.61E-04	4.07E-09	1.0E+06	4.1E-03
182	0.68772	7.62E-03	5.2E-03	1.05E-03	5.47E-06	8.61E-04	4.71E-09	1.0E+06	4.7E-03
183	0.70629	7.62E-03	5.4E-03	1.05E-03	5.62E-06	8.61E-04	4.84E-09	1.0E+06	4.8E-03
184	0.62546	7.62E-03	4.8E-03	1.05E-03	4.98E-06	8.61E-04	4.29E-09	1.0E+06	4.3E-03
185	0.11918	7.62E-03	9.1E-04	1.05E-03	9.49E-07	8.61E-04	8.17E-10	1.0E+06	8.2E-04
186	0.12958	7.62E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.88E-10	1.0E+06	8.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
187	0.1394	7.62E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.55E-10	1.0E+06	9.6E-04
188	0.29253	7.62E-03	2.2E-03	1.05E-03	2.33E-06	8.61E-04	2.00E-09	1.0E+06	2.0E-03
189	0.33761	7.62E-03	2.6E-03	1.05E-03	2.69E-06	8.61E-04	2.31E-09	1.0E+06	2.3E-03
190	0.39021	7.62E-03	3.0E-03	1.05E-03	3.11E-06	8.61E-04	2.67E-09	1.0E+06	2.7E-03
191	0.44858	7.62E-03	3.4E-03	1.05E-03	3.57E-06	8.61E-04	3.07E-09	1.0E+06	3.1E-03
192	0.51389	7.62E-03	3.9E-03	1.05E-03	4.09E-06	8.61E-04	3.52E-09	1.0E+06	3.5E-03
193	0.57716	7.62E-03	4.4E-03	1.05E-03	4.59E-06	8.61E-04	3.96E-09	1.0E+06	4.0E-03
194	0.6463	7.62E-03	4.9E-03	1.05E-03	5.14E-06	8.61E-04	4.43E-09	1.0E+06	4.4E-03
195	0.74164	7.62E-03	5.6E-03	1.05E-03	5.90E-06	8.61E-04	5.08E-09	1.0E+06	5.1E-03
196	0.87551	7.62E-03	6.7E-03	1.05E-03	6.97E-06	8.61E-04	6.00E-09	1.0E+06	6.0E-03
197	1.02415	7.62E-03	7.8E-03	1.05E-03	8.15E-06	8.61E-04	7.02E-09	1.0E+06	7.0E-03
198	0.14181	7.62E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.72E-10	1.0E+06	9.7E-04
199	0.15616	7.62E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
200	0.15526	7.62E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
201	0.17388	7.62E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
202	0.19271	7.62E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
203	0.19143	7.62E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
204	0.21855	7.62E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03
205	0.24919	7.62E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03
206	0.2437	7.62E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03
207	0.28334	7.62E-03	2.2E-03	1.05E-03	2.26E-06	8.61E-04	1.94E-09	1.0E+06	1.9E-03
208	0.33414	7.62E-03	2.5E-03	1.05E-03	2.66E-06	8.61E-04	2.29E-09	1.0E+06	2.3E-03
209	0.27049	7.62E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.9E-03
210	0.32204	7.62E-03	2.5E-03	1.05E-03	2.56E-06	8.61E-04	2.21E-09	1.0E+06	2.2E-03
211	0.38441	7.62E-03	2.9E-03	1.05E-03	3.06E-06	8.61E-04	2.63E-09	1.0E+06	2.6E-03
212	0.36306	7.62E-03	2.8E-03	1.05E-03	2.89E-06	8.61E-04	2.49E-09	1.0E+06	2.5E-03
213	0.44647	7.62E-03	3.4E-03	1.05E-03	3.55E-06	8.61E-04	3.06E-09	1.0E+06	3.1E-03
214	0.55189	7.62E-03	4.2E-03	1.05E-03	4.39E-06	8.61E-04	3.78E-09	1.0E+06	3.8E-03
215	0.40827	7.62E-03	3.1E-03	1.05E-03	3.25E-06	8.61E-04	2.80E-09	1.0E+06	2.8E-03
216	0.50821	7.62E-03	3.9E-03	1.05E-03	4.05E-06	8.61E-04	3.48E-09	1.0E+06	3.5E-03
217	0.6377	7.62E-03	4.9E-03	1.05E-03	5.08E-06	8.61E-04	4.37E-09	1.0E+06	4.4E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
218	0.7164	7.62E-03	5.5E-03	1.05E-03	5.70E-06	8.61E-04	4.91E-09	1.0E+06	4.9E-03
219	0.94204	7.62E-03	7.2E-03	1.05E-03	7.50E-06	8.61E-04	6.46E-09	1.0E+06	6.5E-03
220	0.7627	7.62E-03	5.8E-03	1.05E-03	6.07E-06	8.61E-04	5.23E-09	1.0E+06	5.2E-03
221	0.97321	7.62E-03	7.4E-03	1.05E-03	7.75E-06	8.61E-04	6.67E-09	1.0E+06	6.7E-03
222	0.75488	7.62E-03	5.7E-03	1.05E-03	6.01E-06	8.61E-04	5.17E-09	1.0E+06	5.2E-03
223	0.92892	7.62E-03	7.1E-03	1.05E-03	7.39E-06	8.61E-04	6.37E-09	1.0E+06	6.4E-03
224	1.16266	7.62E-03	8.9E-03	1.05E-03	9.25E-06	8.61E-04	7.97E-09	1.0E+06	8.0E-03
225	0.82911	7.62E-03	6.3E-03	1.05E-03	6.60E-06	8.61E-04	5.68E-09	1.0E+06	5.7E-03
226	0.97612	7.62E-03	7.4E-03	1.05E-03	7.77E-06	8.61E-04	6.69E-09	1.0E+06	6.7E-03
227	0.1546	7.62E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
228	0.13695	7.62E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.39E-10	1.0E+06	9.4E-04
229	0.12216	7.62E-03	9.3E-04	1.05E-03	9.72E-07	8.61E-04	8.37E-10	1.0E+06	8.4E-04
230	0.10966	7.62E-03	8.4E-04	1.05E-03	8.73E-07	8.61E-04	7.52E-10	1.0E+06	7.5E-04
231	0.13953	7.62E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.56E-10	1.0E+06	9.6E-04
232	0.12468	7.62E-03	9.5E-04	1.05E-03	9.92E-07	8.61E-04	8.55E-10	1.0E+06	8.5E-04
233	0.11206	7.62E-03	8.5E-04	1.05E-03	8.92E-07	8.61E-04	7.68E-10	1.0E+06	7.7E-04
234	0.10127	7.62E-03	7.7E-04	1.05E-03	8.06E-07	8.61E-04	6.94E-10	1.0E+06	6.9E-04
235	0.12627	7.62E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.65E-10	1.0E+06	8.7E-04
236	0.11376	7.62E-03	8.7E-04	1.05E-03	9.05E-07	8.61E-04	7.80E-10	1.0E+06	7.8E-04
237	0.10298	7.62E-03	7.8E-04	1.05E-03	8.20E-07	8.61E-04	7.06E-10	1.0E+06	7.1E-04
238	0.09365	7.62E-03	7.1E-04	1.05E-03	7.45E-07	8.61E-04	6.42E-10	1.0E+06	6.4E-04
239	1.13191	7.62E-03	8.6E-03	1.05E-03	9.01E-06	8.61E-04	7.76E-09	1.0E+06	7.8E-03
240	0.9916	7.62E-03	7.6E-03	1.05E-03	7.89E-06	8.61E-04	6.80E-09	1.0E+06	6.8E-03
241	0.87009	7.62E-03	6.6E-03	1.05E-03	6.93E-06	8.61E-04	5.96E-09	1.0E+06	6.0E-03
242	0.76554	7.62E-03	5.8E-03	1.05E-03	6.09E-06	8.61E-04	5.25E-09	1.0E+06	5.2E-03
243	0.94554	7.62E-03	7.2E-03	1.05E-03	7.53E-06	8.61E-04	6.48E-09	1.0E+06	6.5E-03
244	0.84156	7.62E-03	6.4E-03	1.05E-03	6.70E-06	8.61E-04	5.77E-09	1.0E+06	5.8E-03
245	0.7491	7.62E-03	5.7E-03	1.05E-03	5.96E-06	8.61E-04	5.13E-09	1.0E+06	5.1E-03
246	0.66753	7.62E-03	5.1E-03	1.05E-03	5.31E-06	8.61E-04	4.58E-09	1.0E+06	4.6E-03
247	0.80017	7.62E-03	6.1E-03	1.05E-03	6.37E-06	8.61E-04	5.48E-09	1.0E+06	5.5E-03
248	0.72151	7.62E-03	5.5E-03	1.05E-03	5.74E-06	8.61E-04	4.94E-09	1.0E+06	4.9E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
249	0.65005	7.62E-03	5.0E-03	1.05E-03	5.17E-06	8.61E-04	4.46E-09	1.0E+06	4.5E-03
250	0.5856	7.62E-03	4.5E-03	1.05E-03	4.66E-06	8.61E-04	4.01E-09	1.0E+06	4.0E-03
251	0.31667	7.62E-03	2.4E-03	1.05E-03	2.52E-06	8.61E-04	2.17E-09	1.0E+06	2.2E-03
252	0.29409	7.62E-03	2.2E-03	1.05E-03	2.34E-06	8.61E-04	2.02E-09	1.0E+06	2.0E-03
253	0.35336	7.62E-03	2.7E-03	1.05E-03	2.81E-06	8.61E-04	2.42E-09	1.0E+06	2.4E-03
254	0.33054	7.62E-03	2.5E-03	1.05E-03	2.63E-06	8.61E-04	2.27E-09	1.0E+06	2.3E-03
255	0.28843	7.62E-03	2.2E-03	1.05E-03	2.30E-06	8.61E-04	1.98E-09	1.0E+06	2.0E-03
256	0.26925	7.62E-03	2.1E-03	1.05E-03	2.14E-06	8.61E-04	1.85E-09	1.0E+06	1.8E-03
257	0.21962	7.62E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
258	0.31809	7.62E-03	2.4E-03	1.05E-03	2.53E-06	8.61E-04	2.18E-09	1.0E+06	2.2E-03
259	0.29905	7.62E-03	2.3E-03	1.05E-03	2.38E-06	8.61E-04	2.05E-09	1.0E+06	2.0E-03
260	0.28082	7.62E-03	2.1E-03	1.05E-03	2.24E-06	8.61E-04	1.92E-09	1.0E+06	1.9E-03
261	0.26353	7.62E-03	2.0E-03	1.05E-03	2.10E-06	8.61E-04	1.81E-09	1.0E+06	1.8E-03
262	0.24718	7.62E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
263	0.20415	7.62E-03	1.6E-03	1.05E-03	1.62E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
264	0.27162	7.62E-03	2.1E-03	1.05E-03	2.16E-06	8.61E-04	1.86E-09	1.0E+06	1.9E-03
265	0.25625	7.62E-03	2.0E-03	1.05E-03	2.04E-06	8.61E-04	1.76E-09	1.0E+06	1.8E-03
266	0.24154	7.62E-03	1.8E-03	1.05E-03	1.92E-06	8.61E-04	1.66E-09	1.0E+06	1.7E-03
267	0.22752	7.62E-03	1.7E-03	1.05E-03	1.81E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03
268	0.19016	7.62E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
269	0.32059	7.62E-03	2.4E-03	1.05E-03	2.55E-06	8.61E-04	2.20E-09	1.0E+06	2.2E-03
270	0.2682	7.62E-03	2.0E-03	1.05E-03	2.13E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03
271	0.22761	7.62E-03	1.7E-03	1.05E-03	1.81E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03
272	0.19559	7.62E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
273	0.16995	7.62E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
274	0.14916	7.62E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
275	0.13207	7.62E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.05E-10	1.0E+06	9.1E-04
276	0.28323	7.62E-03	2.2E-03	1.05E-03	2.25E-06	8.61E-04	1.94E-09	1.0E+06	1.9E-03
277	0.23862	7.62E-03	1.8E-03	1.05E-03	1.90E-06	8.61E-04	1.64E-09	1.0E+06	1.6E-03
278	0.20388	7.62E-03	1.6E-03	1.05E-03	1.62E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
279	0.1763	7.62E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.15411	7.62E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
281	0.13601	7.62E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.32E-10	1.0E+06	9.3E-04
282	0.12104	7.62E-03	9.2E-04	1.05E-03	9.63E-07	8.61E-04	8.30E-10	1.0E+06	8.3E-04
283	0.24911	7.62E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03
284	0.21184	7.62E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.45E-09	1.0E+06	1.5E-03
285	0.18251	7.62E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.3E-03
286	0.15901	7.62E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
287	0.13992	7.62E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.59E-10	1.0E+06	9.6E-04
288	0.12422	7.62E-03	9.5E-04	1.05E-03	9.89E-07	8.61E-04	8.51E-10	1.0E+06	8.5E-04
289	0.11115	7.62E-03	8.5E-04	1.05E-03	8.85E-07	8.61E-04	7.62E-10	1.0E+06	7.6E-04
290	0.2199	7.62E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
291	0.18885	7.62E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
292	0.16408	7.62E-03	1.2E-03	1.05E-03	1.31E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
293	0.14402	7.62E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.87E-10	1.0E+06	9.9E-04
294	0.12757	7.62E-03	9.7E-04	1.05E-03	1.02E-06	8.61E-04	8.74E-10	1.0E+06	8.7E-04
295	0.11392	7.62E-03	8.7E-04	1.05E-03	9.07E-07	8.61E-04	7.81E-10	1.0E+06	7.8E-04
296	0.10247	7.62E-03	7.8E-04	1.05E-03	8.16E-07	8.61E-04	7.02E-10	1.0E+06	7.0E-04
297	0.19576	7.62E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
298	0.16963	7.62E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
299	0.14853	7.62E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
300	0.13128	7.62E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	9.00E-10	1.0E+06	9.0E-04
301	0.11699	7.62E-03	8.9E-04	1.05E-03	9.31E-07	8.61E-04	8.02E-10	1.0E+06	8.0E-04
302	0.10504	7.62E-03	8.0E-04	1.05E-03	8.36E-07	8.61E-04	7.20E-10	1.0E+06	7.2E-04
303	0.09493	7.62E-03	7.2E-04	1.05E-03	7.56E-07	8.61E-04	6.51E-10	1.0E+06	6.5E-04
304	0.17575	7.62E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
305	0.15355	7.62E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03
306	0.13543	7.62E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.28E-10	1.0E+06	9.3E-04
307	0.12045	7.62E-03	9.2E-04	1.05E-03	9.59E-07	8.61E-04	8.26E-10	1.0E+06	8.3E-04
308	0.10793	7.62E-03	8.2E-04	1.05E-03	8.59E-07	8.61E-04	7.40E-10	1.0E+06	7.4E-04
309	0.09737	7.62E-03	7.4E-04	1.05E-03	7.75E-07	8.61E-04	6.67E-10	1.0E+06	6.7E-04
310	0.08839	7.62E-03	6.7E-04	1.05E-03	7.04E-07	8.61E-04	6.06E-10	1.0E+06	6.1E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.15895	7.62E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
312	0.13992	7.62E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.59E-10	1.0E+06	9.6E-04
313	0.12423	7.62E-03	9.5E-04	1.05E-03	9.89E-07	8.61E-04	8.51E-10	1.0E+06	8.5E-04
314	0.11113	7.62E-03	8.5E-04	1.05E-03	8.85E-07	8.61E-04	7.62E-10	1.0E+06	7.6E-04
315	0.10009	7.62E-03	7.6E-04	1.05E-03	7.97E-07	8.61E-04	6.86E-10	1.0E+06	6.9E-04
316	0.09072	7.62E-03	6.9E-04	1.05E-03	7.22E-07	8.61E-04	6.22E-10	1.0E+06	6.2E-04
317	0.08268	7.62E-03	6.3E-04	1.05E-03	6.58E-07	8.61E-04	5.67E-10	1.0E+06	5.7E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Grading Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	8.64E-05
2	5	9.07E-05
3	5	9.21E-05
4	5	1.29E-04
5	5	1.36E-04
6	5	1.42E-04
7	5	1.48E-04
8	5	1.54E-04
9	5	1.59E-04
10	5	1.65E-04
11	5	1.71E-04
12	5	1.77E-04
13	5	1.86E-04
14	5	1.96E-04
15	5	2.09E-04
16	5	2.24E-04
17	5	2.41E-04
18	5	2.59E-04
19	5	2.76E-04
20	5	2.93E-04
21	5	3.07E-04
22	5	3.18E-04
23	5	3.25E-04
24	5	3.27E-04
25	5	3.25E-04
26	5	9.33E-05
27	5	9.82E-05
28	5	9.99E-05
29	5	1.44E-04
30	5	1.52E-04
31	5	1.60E-04

Max	Receptor #
0.002	224

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	1.68E-04
33	5	1.76E-04
34	5	1.83E-04
35	5	1.90E-04
36	5	1.97E-04
37	5	2.06E-04
38	5	2.18E-04
39	5	2.31E-04
40	5	2.48E-04
41	5	2.68E-04
42	5	2.90E-04
43	5	3.12E-04
44	5	3.34E-04
45	5	3.53E-04
46	5	3.67E-04
47	5	3.76E-04
48	5	3.78E-04
49	5	3.76E-04
50	5	3.67E-04
51	5	1.01E-04
52	5	1.07E-04
53	5	1.09E-04
54	5	1.62E-04
55	5	1.72E-04
56	5	1.83E-04
57	5	1.93E-04
58	5	2.03E-04
59	5	2.12E-04
60	5	2.21E-04
61	5	2.31E-04
62	5	2.44E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	2.58E-04
64	5	2.77E-04
65	5	3.00E-04
66	5	3.27E-04
67	5	3.56E-04
68	5	3.84E-04
69	5	4.09E-04
70	5	4.28E-04
71	5	4.40E-04
72	5	4.43E-04
73	5	4.39E-04
74	5	4.28E-04
75	5	4.11E-04
76	5	1.10E-04
77	5	1.16E-04
78	5	1.19E-04
79	5	1.83E-04
80	5	1.97E-04
81	5	2.10E-04
82	5	2.24E-04
83	5	2.37E-04
84	5	2.49E-04
85	5	2.62E-04
86	5	2.76E-04
87	5	2.93E-04
88	5	3.13E-04
89	5	3.39E-04
90	5	3.71E-04
91	5	4.08E-04
92	5	4.45E-04
93	5	4.79E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	5.06E-04
95	5	5.22E-04
96	5	5.27E-04
97	5	5.21E-04
98	5	5.05E-04
99	5	4.82E-04
100	5	4.53E-04
101	5	1.19E-04
102	5	1.27E-04
103	5	1.31E-04
104	5	2.09E-04
105	5	2.26E-04
106	5	2.44E-04
107	5	2.63E-04
108	5	2.81E-04
109	5	2.98E-04
110	5	3.16E-04
111	5	3.36E-04
112	5	3.58E-04
113	5	3.87E-04
114	5	4.25E-04
115	5	4.72E-04
116	5	5.22E-04
117	5	5.69E-04
118	5	6.07E-04
119	5	6.31E-04
120	5	6.38E-04
121	5	6.29E-04
122	5	6.06E-04
123	5	5.73E-04
124	5	5.33E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.29E-04
126	5	1.39E-04
127	5	1.45E-04
128	5	2.63E-04
129	5	2.88E-04
130	5	3.13E-04
131	5	3.38E-04
132	5	3.63E-04
133	5	3.90E-04
134	5	4.18E-04
135	5	4.50E-04
136	5	4.94E-04
137	5	5.51E-04
138	5	6.19E-04
139	5	6.86E-04
140	5	7.42E-04
141	5	7.78E-04
142	5	7.88E-04
143	5	7.74E-04
144	5	7.40E-04
145	5	6.92E-04
146	5	6.36E-04
147	5	1.41E-04
148	5	1.52E-04
149	5	1.61E-04
150	5	3.10E-04
151	5	3.43E-04
152	5	3.80E-04
153	5	4.17E-04
154	5	4.53E-04
155	5	4.94E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	5.34E-04
157	5	5.84E-04
158	5	6.53E-04
159	5	7.43E-04
160	5	8.40E-04
161	5	9.26E-04
162	5	9.82E-04
163	5	9.99E-04
164	5	9.77E-04
165	5	9.25E-04
166	5	8.53E-04
167	5	7.71E-04
168	5	6.88E-04
169	5	1.53E-04
170	5	1.66E-04
171	5	1.78E-04
172	5	1.90E-04
173	5	3.69E-04
174	5	4.17E-04
175	5	4.70E-04
176	5	5.25E-04
177	5	5.84E-04
178	5	6.45E-04
179	5	7.07E-04
180	5	7.90E-04
181	5	9.05E-04
182	5	1.05E-03
183	5	1.08E-03
184	5	9.53E-04
185	5	1.82E-04
186	5	1.97E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	2.12E-04
188	5	4.46E-04
189	5	5.14E-04
190	5	5.94E-04
191	5	6.83E-04
192	5	7.83E-04
193	5	8.79E-04
194	5	9.84E-04
195	5	1.13E-03
196	5	1.33E-03
197	5	1.56E-03
198	5	2.16E-04
199	5	2.38E-04
200	5	2.36E-04
201	5	2.65E-04
202	5	2.94E-04
203	5	2.92E-04
204	5	3.33E-04
205	5	3.80E-04
206	5	3.71E-04
207	5	4.32E-04
208	5	5.09E-04
209	5	4.12E-04
210	5	4.90E-04
211	5	5.85E-04
212	5	5.53E-04
213	5	6.80E-04
214	5	8.41E-04
215	5	6.22E-04
216	5	7.74E-04
217	5	9.71E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	1.09E-03
219	5	1.43E-03
220	5	1.16E-03
221	5	1.48E-03
222	5	1.15E-03
223	5	1.41E-03
224	5	1.77E-03
225	5	1.26E-03
226	5	1.49E-03
227	5	2.35E-04
228	5	2.09E-04
229	5	1.86E-04
230	5	1.67E-04
231	5	2.13E-04
232	5	1.90E-04
233	5	1.71E-04
234	5	1.54E-04
235	5	1.92E-04
236	5	1.73E-04
237	5	1.57E-04
238	5	1.43E-04
239	5	1.72E-03
240	5	1.51E-03
241	5	1.33E-03
242	5	1.17E-03
243	5	1.44E-03
244	5	1.28E-03
245	5	1.14E-03
246	5	1.02E-03
247	5	1.22E-03
248	5	1.10E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	9.90E-04
250	5	8.92E-04
251	5	4.82E-04
252	5	4.48E-04
253	5	5.38E-04
254	5	5.03E-04
255	5	4.39E-04
256	5	4.10E-04
257	5	3.34E-04
258	5	4.84E-04
259	5	4.55E-04
260	5	4.28E-04
261	5	4.01E-04
262	5	3.76E-04
263	5	3.11E-04
264	5	4.14E-04
265	5	3.90E-04
266	5	3.68E-04
267	5	3.47E-04
268	5	2.90E-04
269	5	4.88E-04
270	5	4.08E-04
271	5	3.47E-04
272	5	2.98E-04
273	5	2.59E-04
274	5	2.27E-04
275	5	2.01E-04
276	5	4.31E-04
277	5	3.63E-04
278	5	3.11E-04
279	5	2.69E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	2.35E-04
281	5	2.07E-04
282	5	1.84E-04
283	5	3.79E-04
284	5	3.23E-04
285	5	2.78E-04
286	5	2.42E-04
287	5	2.13E-04
288	5	1.89E-04
289	5	1.69E-04
290	5	3.35E-04
291	5	2.88E-04
292	5	2.50E-04
293	5	2.19E-04
294	5	1.94E-04
295	5	1.74E-04
296	5	1.56E-04
297	5	2.98E-04
298	5	2.58E-04
299	5	2.26E-04
300	5	2.00E-04
301	5	1.78E-04
302	5	1.60E-04
303	5	1.45E-04
304	5	2.68E-04
305	5	2.34E-04
306	5	2.06E-04
307	5	1.83E-04
308	5	1.64E-04
309	5	1.48E-04
310	5	1.35E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	2.42E-04
312	5	2.13E-04
313	5	1.89E-04
314	5	1.69E-04
315	5	1.52E-04
316	5	1.38E-04
317	5	1.26E-04

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Parcel 7-F: Unmitigated - Parcel 7 - Building Construction Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05856	6.48E-03	3.8E-04	1.05E-03	3.97E-07	8.61E-04	3.42E-10	1.0E+06	3.4E-04
2	0.06152	6.48E-03	4.0E-04	1.05E-03	4.17E-07	8.61E-04	3.59E-10	1.0E+06	3.6E-04
3	0.06252	6.48E-03	4.1E-04	1.05E-03	4.24E-07	8.61E-04	3.65E-10	1.0E+06	3.6E-04
4	0.08846	6.48E-03	5.7E-04	1.05E-03	5.99E-07	8.61E-04	5.16E-10	1.0E+06	5.2E-04
5	0.09301	6.48E-03	6.0E-04	1.05E-03	6.30E-07	8.61E-04	5.43E-10	1.0E+06	5.4E-04
6	0.09741	6.48E-03	6.3E-04	1.05E-03	6.60E-07	8.61E-04	5.68E-10	1.0E+06	5.7E-04
7	0.10161	6.48E-03	6.6E-04	1.05E-03	6.88E-07	8.61E-04	5.93E-10	1.0E+06	5.9E-04
8	0.10561	6.48E-03	6.8E-04	1.05E-03	7.16E-07	8.61E-04	6.16E-10	1.0E+06	6.2E-04
9	0.10947	6.48E-03	7.1E-04	1.05E-03	7.42E-07	8.61E-04	6.39E-10	1.0E+06	6.4E-04
10	0.11336	6.48E-03	7.3E-04	1.05E-03	7.68E-07	8.61E-04	6.61E-10	1.0E+06	6.6E-04
11	0.11755	6.48E-03	7.6E-04	1.05E-03	7.96E-07	8.61E-04	6.86E-10	1.0E+06	6.9E-04
12	0.12246	6.48E-03	7.9E-04	1.05E-03	8.30E-07	8.61E-04	7.14E-10	1.0E+06	7.1E-04
13	0.12872	6.48E-03	8.3E-04	1.05E-03	8.72E-07	8.61E-04	7.51E-10	1.0E+06	7.5E-04
14	0.13628	6.48E-03	8.8E-04	1.05E-03	9.23E-07	8.61E-04	7.95E-10	1.0E+06	8.0E-04
15	0.14547	6.48E-03	9.4E-04	1.05E-03	9.86E-07	8.61E-04	8.49E-10	1.0E+06	8.5E-04
16	0.1565	6.48E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.13E-10	1.0E+06	9.1E-04
17	0.16878	6.48E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.85E-10	1.0E+06	9.8E-04
18	0.18146	6.48E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
19	0.19386	6.48E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
20	0.20505	6.48E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
21	0.21419	6.48E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.2E-03
22	0.22062	6.48E-03	1.4E-03	1.05E-03	1.49E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
23	0.22396	6.48E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
24	0.22411	6.48E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
25	0.22126	6.48E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
26	0.06334	6.48E-03	4.1E-04	1.05E-03	4.29E-07	8.61E-04	3.70E-10	1.0E+06	3.7E-04
27	0.06672	6.48E-03	4.3E-04	1.05E-03	4.52E-07	8.61E-04	3.89E-10	1.0E+06	3.9E-04
28	0.06794	6.48E-03	4.4E-04	1.05E-03	4.60E-07	8.61E-04	3.96E-10	1.0E+06	4.0E-04
29	0.09899	6.48E-03	6.4E-04	1.05E-03	6.71E-07	8.61E-04	5.78E-10	1.0E+06	5.8E-04
30	0.10476	6.48E-03	6.8E-04	1.05E-03	7.10E-07	8.61E-04	6.11E-10	1.0E+06	6.1E-04
31	0.11042	6.48E-03	7.2E-04	1.05E-03	7.48E-07	8.61E-04	6.44E-10	1.0E+06	6.4E-04

<b>Max</b>	<b>Receptor #</b>
0.007	197

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.11586	6.48E-03	7.5E-04	1.05E-03	7.85E-07	8.61E-04	6.76E-10	1.0E+06	6.8E-04
33	0.12102	6.48E-03	7.8E-04	1.05E-03	8.20E-07	8.61E-04	7.06E-10	1.0E+06	7.1E-04
34	0.126	6.48E-03	8.2E-04	1.05E-03	8.54E-07	8.61E-04	7.35E-10	1.0E+06	7.4E-04
35	0.13102	6.48E-03	8.5E-04	1.05E-03	8.88E-07	8.61E-04	7.64E-10	1.0E+06	7.6E-04
36	0.13641	6.48E-03	8.8E-04	1.05E-03	9.24E-07	8.61E-04	7.96E-10	1.0E+06	8.0E-04
37	0.14312	6.48E-03	9.3E-04	1.05E-03	9.70E-07	8.61E-04	8.35E-10	1.0E+06	8.3E-04
38	0.15146	6.48E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.84E-10	1.0E+06	8.8E-04
39	0.16145	6.48E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.42E-10	1.0E+06	9.4E-04
40	0.17389	6.48E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
41	0.18868	6.48E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
42	0.2045	6.48E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
43	0.22035	6.48E-03	1.4E-03	1.05E-03	1.49E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
44	0.23497	6.48E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03
45	0.24706	6.48E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03
46	0.25559	6.48E-03	1.7E-03	1.05E-03	1.73E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03
47	0.25995	6.48E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
48	0.26002	6.48E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
49	0.25606	6.48E-03	1.7E-03	1.05E-03	1.73E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03
50	0.24865	6.48E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.45E-09	1.0E+06	1.5E-03
51	0.06868	6.48E-03	4.5E-04	1.05E-03	4.65E-07	8.61E-04	4.01E-10	1.0E+06	4.0E-04
52	0.07264	6.48E-03	4.7E-04	1.05E-03	4.92E-07	8.61E-04	4.24E-10	1.0E+06	4.2E-04
53	0.07422	6.48E-03	4.8E-04	1.05E-03	5.03E-07	8.61E-04	4.33E-10	1.0E+06	4.3E-04
54	0.11153	6.48E-03	7.2E-04	1.05E-03	7.56E-07	8.61E-04	6.51E-10	1.0E+06	6.5E-04
55	0.11893	6.48E-03	7.7E-04	1.05E-03	8.06E-07	8.61E-04	6.94E-10	1.0E+06	6.9E-04
56	0.12628	6.48E-03	8.2E-04	1.05E-03	8.56E-07	8.61E-04	7.37E-10	1.0E+06	7.4E-04
57	0.13343	6.48E-03	8.6E-04	1.05E-03	9.04E-07	8.61E-04	7.78E-10	1.0E+06	7.8E-04
58	0.14025	6.48E-03	9.1E-04	1.05E-03	9.50E-07	8.61E-04	8.18E-10	1.0E+06	8.2E-04
59	0.14687	6.48E-03	9.5E-04	1.05E-03	9.95E-07	8.61E-04	8.57E-10	1.0E+06	8.6E-04
60	0.1535	6.48E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.96E-10	1.0E+06	9.0E-04
61	0.16064	6.48E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.37E-10	1.0E+06	9.4E-04
62	0.16982	6.48E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.91E-10	1.0E+06	9.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.18098	6.48E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
64	0.19485	6.48E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
65	0.21202	6.48E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
66	0.23198	6.48E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.4E-03
67	0.25245	6.48E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03
68	0.27187	6.48E-03	1.8E-03	1.05E-03	1.84E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03
69	0.28823	6.48E-03	1.9E-03	1.05E-03	1.95E-06	8.61E-04	1.68E-09	1.0E+06	1.7E-03
70	0.29986	6.48E-03	1.9E-03	1.05E-03	2.03E-06	8.61E-04	1.75E-09	1.0E+06	1.7E-03
71	0.30577	6.48E-03	2.0E-03	1.05E-03	2.07E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
72	0.30571	6.48E-03	2.0E-03	1.05E-03	2.07E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
73	0.30014	6.48E-03	1.9E-03	1.05E-03	2.03E-06	8.61E-04	1.75E-09	1.0E+06	1.8E-03
74	0.28993	6.48E-03	1.9E-03	1.05E-03	1.96E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
75	0.27621	6.48E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03
76	0.07463	6.48E-03	4.8E-04	1.05E-03	5.06E-07	8.61E-04	4.35E-10	1.0E+06	4.4E-04
77	0.07932	6.48E-03	5.1E-04	1.05E-03	5.37E-07	8.61E-04	4.63E-10	1.0E+06	4.6E-04
78	0.08151	6.48E-03	5.3E-04	1.05E-03	5.52E-07	8.61E-04	4.76E-10	1.0E+06	4.8E-04
79	0.12658	6.48E-03	8.2E-04	1.05E-03	8.58E-07	8.61E-04	7.38E-10	1.0E+06	7.4E-04
80	0.13618	6.48E-03	8.8E-04	1.05E-03	9.23E-07	8.61E-04	7.95E-10	1.0E+06	7.9E-04
81	0.14588	6.48E-03	9.5E-04	1.05E-03	9.88E-07	8.61E-04	8.51E-10	1.0E+06	8.5E-04
82	0.15543	6.48E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.07E-10	1.0E+06	9.1E-04
83	0.16469	6.48E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.61E-10	1.0E+06	9.6E-04
84	0.17368	6.48E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
85	0.18268	6.48E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
86	0.1932	6.48E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
87	0.20548	6.48E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
88	0.22069	6.48E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
89	0.2405	6.48E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
90	0.26479	6.48E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03
91	0.29168	6.48E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03
92	0.31792	6.48E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.9E-03
93	0.34062	6.48E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.35698	6.48E-03	2.3E-03	1.05E-03	2.42E-06	8.61E-04	2.08E-09	1.0E+06	2.1E-03
95	0.36527	6.48E-03	2.4E-03	1.05E-03	2.47E-06	8.61E-04	2.13E-09	1.0E+06	2.1E-03
96	0.36506	6.48E-03	2.4E-03	1.05E-03	2.47E-06	8.61E-04	2.13E-09	1.0E+06	2.1E-03
97	0.35705	6.48E-03	2.3E-03	1.05E-03	2.42E-06	8.61E-04	2.08E-09	1.0E+06	2.1E-03
98	0.34269	6.48E-03	2.2E-03	1.05E-03	2.32E-06	8.61E-04	2.00E-09	1.0E+06	2.0E-03
99	0.32376	6.48E-03	2.1E-03	1.05E-03	2.19E-06	8.61E-04	1.89E-09	1.0E+06	1.9E-03
100	0.30201	6.48E-03	2.0E-03	1.05E-03	2.05E-06	8.61E-04	1.76E-09	1.0E+06	1.8E-03
101	0.0812	6.48E-03	5.3E-04	1.05E-03	5.50E-07	8.61E-04	4.74E-10	1.0E+06	4.7E-04
102	0.08681	6.48E-03	5.6E-04	1.05E-03	5.88E-07	8.61E-04	5.06E-10	1.0E+06	5.1E-04
103	0.0899	6.48E-03	5.8E-04	1.05E-03	6.09E-07	8.61E-04	5.24E-10	1.0E+06	5.2E-04
104	0.14486	6.48E-03	9.4E-04	1.05E-03	9.82E-07	8.61E-04	8.45E-10	1.0E+06	8.5E-04
105	0.15745	6.48E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.19E-10	1.0E+06	9.2E-04
106	0.17049	6.48E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.95E-10	1.0E+06	9.9E-04
107	0.18358	6.48E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
108	0.19644	6.48E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03
109	0.20894	6.48E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03
110	0.2217	6.48E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
111	0.23684	6.48E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
112	0.2536	6.48E-03	1.6E-03	1.05E-03	1.72E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03
113	0.27594	6.48E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03
114	0.30511	6.48E-03	2.0E-03	1.05E-03	2.07E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
115	0.33987	6.48E-03	2.2E-03	1.05E-03	2.30E-06	8.61E-04	1.98E-09	1.0E+06	2.0E-03
116	0.37607	6.48E-03	2.4E-03	1.05E-03	2.55E-06	8.61E-04	2.19E-09	1.0E+06	2.2E-03
117	0.40843	6.48E-03	2.6E-03	1.05E-03	2.77E-06	8.61E-04	2.38E-09	1.0E+06	2.4E-03
118	0.43228	6.48E-03	2.8E-03	1.05E-03	2.93E-06	8.61E-04	2.52E-09	1.0E+06	2.5E-03
119	0.44443	6.48E-03	2.9E-03	1.05E-03	3.01E-06	8.61E-04	2.59E-09	1.0E+06	2.6E-03
120	0.44404	6.48E-03	2.9E-03	1.05E-03	3.01E-06	8.61E-04	2.59E-09	1.0E+06	2.6E-03
121	0.43226	6.48E-03	2.8E-03	1.05E-03	2.93E-06	8.61E-04	2.52E-09	1.0E+06	2.5E-03
122	0.41155	6.48E-03	2.7E-03	1.05E-03	2.79E-06	8.61E-04	2.40E-09	1.0E+06	2.4E-03
123	0.3848	6.48E-03	2.5E-03	1.05E-03	2.61E-06	8.61E-04	2.25E-09	1.0E+06	2.2E-03
124	0.35474	6.48E-03	2.3E-03	1.05E-03	2.40E-06	8.61E-04	2.07E-09	1.0E+06	2.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
125	0.08838	6.48E-03	5.7E-04	1.05E-03	5.99E-07	8.61E-04	5.16E-10	1.0E+06	5.2E-04
126	0.09507	6.48E-03	6.2E-04	1.05E-03	6.44E-07	8.61E-04	5.55E-10	1.0E+06	5.5E-04
127	0.09933	6.48E-03	6.4E-04	1.05E-03	6.73E-07	8.61E-04	5.80E-10	1.0E+06	5.8E-04
128	0.18405	6.48E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
129	0.2019	6.48E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
130	0.22032	6.48E-03	1.4E-03	1.05E-03	1.49E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
131	0.23863	6.48E-03	1.5E-03	1.05E-03	1.62E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03
132	0.25658	6.48E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03
133	0.27576	6.48E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03
134	0.29664	6.48E-03	1.9E-03	1.05E-03	2.01E-06	8.61E-04	1.73E-09	1.0E+06	1.7E-03
135	0.32167	6.48E-03	2.1E-03	1.05E-03	2.18E-06	8.61E-04	1.88E-09	1.0E+06	1.9E-03
136	0.35588	6.48E-03	2.3E-03	1.05E-03	2.41E-06	8.61E-04	2.08E-09	1.0E+06	2.1E-03
137	0.40018	6.48E-03	2.6E-03	1.05E-03	2.71E-06	8.61E-04	2.33E-09	1.0E+06	2.3E-03
138	0.45042	6.48E-03	2.9E-03	1.05E-03	3.05E-06	8.61E-04	2.63E-09	1.0E+06	2.6E-03
139	0.49783	6.48E-03	3.2E-03	1.05E-03	3.37E-06	8.61E-04	2.90E-09	1.0E+06	2.9E-03
140	0.53403	6.48E-03	3.5E-03	1.05E-03	3.62E-06	8.61E-04	3.12E-09	1.0E+06	3.1E-03
141	0.55279	6.48E-03	3.6E-03	1.05E-03	3.75E-06	8.61E-04	3.23E-09	1.0E+06	3.2E-03
142	0.55223	6.48E-03	3.6E-03	1.05E-03	3.74E-06	8.61E-04	3.22E-09	1.0E+06	3.2E-03
143	0.53439	6.48E-03	3.5E-03	1.05E-03	3.62E-06	8.61E-04	3.12E-09	1.0E+06	3.1E-03
144	0.50358	6.48E-03	3.3E-03	1.05E-03	3.41E-06	8.61E-04	2.94E-09	1.0E+06	2.9E-03
145	0.46474	6.48E-03	3.0E-03	1.05E-03	3.15E-06	8.61E-04	2.71E-09	1.0E+06	2.7E-03
146	0.42225	6.48E-03	2.7E-03	1.05E-03	2.86E-06	8.61E-04	2.46E-09	1.0E+06	2.5E-03
147	0.09615	6.48E-03	6.2E-04	1.05E-03	6.51E-07	8.61E-04	5.61E-10	1.0E+06	5.6E-04
148	0.10418	6.48E-03	6.8E-04	1.05E-03	7.06E-07	8.61E-04	6.08E-10	1.0E+06	6.1E-04
149	0.11017	6.48E-03	7.1E-04	1.05E-03	7.46E-07	8.61E-04	6.43E-10	1.0E+06	6.4E-04
150	0.21781	6.48E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
151	0.24265	6.48E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03
152	0.26918	6.48E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03
153	0.29625	6.48E-03	1.9E-03	1.05E-03	2.01E-06	8.61E-04	1.73E-09	1.0E+06	1.7E-03
154	0.32308	6.48E-03	2.1E-03	1.05E-03	2.19E-06	8.61E-04	1.88E-09	1.0E+06	1.9E-03
155	0.35318	6.48E-03	2.3E-03	1.05E-03	2.39E-06	8.61E-04	2.06E-09	1.0E+06	2.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.38313	6.48E-03	2.5E-03	1.05E-03	2.60E-06	8.61E-04	2.24E-09	1.0E+06	2.2E-03
157	0.42244	6.48E-03	2.7E-03	1.05E-03	2.86E-06	8.61E-04	2.46E-09	1.0E+06	2.5E-03
158	0.47745	6.48E-03	3.1E-03	1.05E-03	3.24E-06	8.61E-04	2.79E-09	1.0E+06	2.8E-03
159	0.54663	6.48E-03	3.5E-03	1.05E-03	3.70E-06	8.61E-04	3.19E-09	1.0E+06	3.2E-03
160	0.61802	6.48E-03	4.0E-03	1.05E-03	4.19E-06	8.61E-04	3.61E-09	1.0E+06	3.6E-03
161	0.67523	6.48E-03	4.4E-03	1.05E-03	4.58E-06	8.61E-04	3.94E-09	1.0E+06	3.9E-03
162	0.70619	6.48E-03	4.6E-03	1.05E-03	4.78E-06	8.61E-04	4.12E-09	1.0E+06	4.1E-03
163	0.70581	6.48E-03	4.6E-03	1.05E-03	4.78E-06	8.61E-04	4.12E-09	1.0E+06	4.1E-03
164	0.67776	6.48E-03	4.4E-03	1.05E-03	4.59E-06	8.61E-04	3.95E-09	1.0E+06	4.0E-03
165	0.63017	6.48E-03	4.1E-03	1.05E-03	4.27E-06	8.61E-04	3.68E-09	1.0E+06	3.7E-03
166	0.57188	6.48E-03	3.7E-03	1.05E-03	3.87E-06	8.61E-04	3.34E-09	1.0E+06	3.3E-03
167	0.51016	6.48E-03	3.3E-03	1.05E-03	3.46E-06	8.61E-04	2.98E-09	1.0E+06	3.0E-03
168	0.45002	6.48E-03	2.9E-03	1.05E-03	3.05E-06	8.61E-04	2.63E-09	1.0E+06	2.6E-03
169	0.10446	6.48E-03	6.8E-04	1.05E-03	7.08E-07	8.61E-04	6.09E-10	1.0E+06	6.1E-04
170	0.11404	6.48E-03	7.4E-04	1.05E-03	7.73E-07	8.61E-04	6.65E-10	1.0E+06	6.7E-04
171	0.12249	6.48E-03	7.9E-04	1.05E-03	8.30E-07	8.61E-04	7.15E-10	1.0E+06	7.1E-04
172	0.13122	6.48E-03	8.5E-04	1.05E-03	8.89E-07	8.61E-04	7.66E-10	1.0E+06	7.7E-04
173	0.26128	6.48E-03	1.7E-03	1.05E-03	1.77E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
174	0.29662	6.48E-03	1.9E-03	1.05E-03	2.01E-06	8.61E-04	1.73E-09	1.0E+06	1.7E-03
175	0.33607	6.48E-03	2.2E-03	1.05E-03	2.28E-06	8.61E-04	1.96E-09	1.0E+06	2.0E-03
176	0.37763	6.48E-03	2.4E-03	1.05E-03	2.56E-06	8.61E-04	2.20E-09	1.0E+06	2.2E-03
177	0.42097	6.48E-03	2.7E-03	1.05E-03	2.85E-06	8.61E-04	2.46E-09	1.0E+06	2.5E-03
178	0.46692	6.48E-03	3.0E-03	1.05E-03	3.16E-06	8.61E-04	2.72E-09	1.0E+06	2.7E-03
179	0.51481	6.48E-03	3.3E-03	1.05E-03	3.49E-06	8.61E-04	3.00E-09	1.0E+06	3.0E-03
180	0.58091	6.48E-03	3.8E-03	1.05E-03	3.94E-06	8.61E-04	3.39E-09	1.0E+06	3.4E-03
181	0.67381	6.48E-03	4.4E-03	1.05E-03	4.57E-06	8.61E-04	3.93E-09	1.0E+06	3.9E-03
182	0.783	6.48E-03	5.1E-03	1.05E-03	5.31E-06	8.61E-04	4.57E-09	1.0E+06	4.6E-03
183	0.71946	6.48E-03	4.7E-03	1.05E-03	4.87E-06	8.61E-04	4.20E-09	1.0E+06	4.2E-03
184	0.62689	6.48E-03	4.1E-03	1.05E-03	4.25E-06	8.61E-04	3.66E-09	1.0E+06	3.7E-03
185	0.12456	6.48E-03	8.1E-04	1.05E-03	8.44E-07	8.61E-04	7.27E-10	1.0E+06	7.3E-04
186	0.13586	6.48E-03	8.8E-04	1.05E-03	9.21E-07	8.61E-04	7.93E-10	1.0E+06	7.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
187	0.14663	6.48E-03	9.5E-04	1.05E-03	9.94E-07	8.61E-04	8.55E-10	1.0E+06	8.6E-04
188	0.31783	6.48E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.9E-03
189	0.3694	6.48E-03	2.4E-03	1.05E-03	2.50E-06	8.61E-04	2.16E-09	1.0E+06	2.2E-03
190	0.42998	6.48E-03	2.8E-03	1.05E-03	2.91E-06	8.61E-04	2.51E-09	1.0E+06	2.5E-03
191	0.49744	6.48E-03	3.2E-03	1.05E-03	3.37E-06	8.61E-04	2.90E-09	1.0E+06	2.9E-03
192	0.57291	6.48E-03	3.7E-03	1.05E-03	3.88E-06	8.61E-04	3.34E-09	1.0E+06	3.3E-03
193	0.64634	6.48E-03	4.2E-03	1.05E-03	4.38E-06	8.61E-04	3.77E-09	1.0E+06	3.8E-03
194	0.72942	6.48E-03	4.7E-03	1.05E-03	4.94E-06	8.61E-04	4.26E-09	1.0E+06	4.3E-03
195	0.84914	6.48E-03	5.5E-03	1.05E-03	5.75E-06	8.61E-04	4.95E-09	1.0E+06	5.0E-03
196	1.0146	6.48E-03	6.6E-03	1.05E-03	6.87E-06	8.61E-04	5.92E-09	1.0E+06	5.9E-03
197	1.18332	6.48E-03	7.7E-03	1.05E-03	8.02E-06	8.61E-04	6.90E-09	1.0E+06	6.9E-03
198	0.14878	6.48E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.68E-10	1.0E+06	8.7E-04
199	0.16446	6.48E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.59E-10	1.0E+06	9.6E-04
200	0.16295	6.48E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.51E-10	1.0E+06	9.5E-04
201	0.18327	6.48E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
202	0.20408	6.48E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
203	0.20188	6.48E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
204	0.23169	6.48E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.4E-03
205	0.26577	6.48E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.6E-03
206	0.25871	6.48E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
207	0.30266	6.48E-03	2.0E-03	1.05E-03	2.05E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03
208	0.35964	6.48E-03	2.3E-03	1.05E-03	2.44E-06	8.61E-04	2.10E-09	1.0E+06	2.1E-03
209	0.28787	6.48E-03	1.9E-03	1.05E-03	1.95E-06	8.61E-04	1.68E-09	1.0E+06	1.7E-03
210	0.34495	6.48E-03	2.2E-03	1.05E-03	2.34E-06	8.61E-04	2.01E-09	1.0E+06	2.0E-03
211	0.41495	6.48E-03	2.7E-03	1.05E-03	2.81E-06	8.61E-04	2.42E-09	1.0E+06	2.4E-03
212	0.39007	6.48E-03	2.5E-03	1.05E-03	2.64E-06	8.61E-04	2.28E-09	1.0E+06	2.3E-03
213	0.48349	6.48E-03	3.1E-03	1.05E-03	3.28E-06	8.61E-04	2.82E-09	1.0E+06	2.8E-03
214	0.60341	6.48E-03	3.9E-03	1.05E-03	4.09E-06	8.61E-04	3.52E-09	1.0E+06	3.5E-03
215	0.43888	6.48E-03	2.8E-03	1.05E-03	2.97E-06	8.61E-04	2.56E-09	1.0E+06	2.6E-03
216	0.55013	6.48E-03	3.6E-03	1.05E-03	3.73E-06	8.61E-04	3.21E-09	1.0E+06	3.2E-03
217	0.69589	6.48E-03	4.5E-03	1.05E-03	4.72E-06	8.61E-04	4.06E-09	1.0E+06	4.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
218	0.77234	6.48E-03	5.0E-03	1.05E-03	5.23E-06	8.61E-04	4.51E-09	1.0E+06	4.5E-03
219	1.0184	6.48E-03	6.6E-03	1.05E-03	6.90E-06	8.61E-04	5.94E-09	1.0E+06	5.9E-03
220	0.80422	6.48E-03	5.2E-03	1.05E-03	5.45E-06	8.61E-04	4.69E-09	1.0E+06	4.7E-03
221	1.02062	6.48E-03	6.6E-03	1.05E-03	6.92E-06	8.61E-04	5.95E-09	1.0E+06	6.0E-03
222	0.77495	6.48E-03	5.0E-03	1.05E-03	5.25E-06	8.61E-04	4.52E-09	1.0E+06	4.5E-03
223	0.9424	6.48E-03	6.1E-03	1.05E-03	6.39E-06	8.61E-04	5.50E-09	1.0E+06	5.5E-03
224	1.15827	6.48E-03	7.5E-03	1.05E-03	7.85E-06	8.61E-04	6.76E-09	1.0E+06	6.8E-03
225	0.81784	6.48E-03	5.3E-03	1.05E-03	5.54E-06	8.61E-04	4.77E-09	1.0E+06	4.8E-03
226	0.94502	6.48E-03	6.1E-03	1.05E-03	6.40E-06	8.61E-04	5.51E-09	1.0E+06	5.5E-03
227	0.14589	6.48E-03	9.5E-04	1.05E-03	9.88E-07	8.61E-04	8.51E-10	1.0E+06	8.5E-04
228	0.1298	6.48E-03	8.4E-04	1.05E-03	8.79E-07	8.61E-04	7.57E-10	1.0E+06	7.6E-04
229	0.11623	6.48E-03	7.5E-04	1.05E-03	7.88E-07	8.61E-04	6.78E-10	1.0E+06	6.8E-04
230	0.10469	6.48E-03	6.8E-04	1.05E-03	7.09E-07	8.61E-04	6.11E-10	1.0E+06	6.1E-04
231	0.13205	6.48E-03	8.6E-04	1.05E-03	8.95E-07	8.61E-04	7.70E-10	1.0E+06	7.7E-04
232	0.11846	6.48E-03	7.7E-04	1.05E-03	8.03E-07	8.61E-04	6.91E-10	1.0E+06	6.9E-04
233	0.10685	6.48E-03	6.9E-04	1.05E-03	7.24E-07	8.61E-04	6.23E-10	1.0E+06	6.2E-04
234	0.09686	6.48E-03	6.3E-04	1.05E-03	6.56E-07	8.61E-04	5.65E-10	1.0E+06	5.7E-04
235	0.11983	6.48E-03	7.8E-04	1.05E-03	8.12E-07	8.61E-04	6.99E-10	1.0E+06	7.0E-04
236	0.10834	6.48E-03	7.0E-04	1.05E-03	7.34E-07	8.61E-04	6.32E-10	1.0E+06	6.3E-04
237	0.09838	6.48E-03	6.4E-04	1.05E-03	6.67E-07	8.61E-04	5.74E-10	1.0E+06	5.7E-04
238	0.08973	6.48E-03	5.8E-04	1.05E-03	6.08E-07	8.61E-04	5.24E-10	1.0E+06	5.2E-04
239	0.94795	6.48E-03	6.1E-03	1.05E-03	6.42E-06	8.61E-04	5.53E-09	1.0E+06	5.5E-03
240	0.84034	6.48E-03	5.4E-03	1.05E-03	5.69E-06	8.61E-04	4.90E-09	1.0E+06	4.9E-03
241	0.74566	6.48E-03	4.8E-03	1.05E-03	5.05E-06	8.61E-04	4.35E-09	1.0E+06	4.4E-03
242	0.66293	6.48E-03	4.3E-03	1.05E-03	4.49E-06	8.61E-04	3.87E-09	1.0E+06	3.9E-03
243	0.80452	6.48E-03	5.2E-03	1.05E-03	5.45E-06	8.61E-04	4.69E-09	1.0E+06	4.7E-03
244	0.72278	6.48E-03	4.7E-03	1.05E-03	4.90E-06	8.61E-04	4.22E-09	1.0E+06	4.2E-03
245	0.64923	6.48E-03	4.2E-03	1.05E-03	4.40E-06	8.61E-04	3.79E-09	1.0E+06	3.8E-03
246	0.58356	6.48E-03	3.8E-03	1.05E-03	3.95E-06	8.61E-04	3.40E-09	1.0E+06	3.4E-03
247	0.69011	6.48E-03	4.5E-03	1.05E-03	4.68E-06	8.61E-04	4.03E-09	1.0E+06	4.0E-03
248	0.62698	6.48E-03	4.1E-03	1.05E-03	4.25E-06	8.61E-04	3.66E-09	1.0E+06	3.7E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
249	0.56909	6.48E-03	3.7E-03	1.05E-03	3.86E-06	8.61E-04	3.32E-09	1.0E+06	3.3E-03
250	0.51638	6.48E-03	3.3E-03	1.05E-03	3.50E-06	8.61E-04	3.01E-09	1.0E+06	3.0E-03
251	0.2892	6.48E-03	1.9E-03	1.05E-03	1.96E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
252	0.26956	6.48E-03	1.7E-03	1.05E-03	1.83E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03
253	0.32104	6.48E-03	2.1E-03	1.05E-03	2.18E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03
254	0.30128	6.48E-03	2.0E-03	1.05E-03	2.04E-06	8.61E-04	1.76E-09	1.0E+06	1.8E-03
255	0.2646	6.48E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03
256	0.2478	6.48E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.45E-09	1.0E+06	1.4E-03
257	0.20399	6.48E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
258	0.29057	6.48E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03
259	0.27395	6.48E-03	1.8E-03	1.05E-03	1.86E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03
260	0.25798	6.48E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
261	0.24278	6.48E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03
262	0.22836	6.48E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03
263	0.19017	6.48E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
264	0.24997	6.48E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
265	0.23641	6.48E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
266	0.22339	6.48E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
267	0.21095	6.48E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
268	0.17762	6.48E-03	1.2E-03	1.05E-03	1.20E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
269	0.29722	6.48E-03	1.9E-03	1.05E-03	2.01E-06	8.61E-04	1.73E-09	1.0E+06	1.7E-03
270	0.24988	6.48E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
271	0.21305	6.48E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
272	0.18386	6.48E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
273	0.16039	6.48E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.36E-10	1.0E+06	9.4E-04
274	0.14127	6.48E-03	9.2E-04	1.05E-03	9.57E-07	8.61E-04	8.24E-10	1.0E+06	8.2E-04
275	0.1255	6.48E-03	8.1E-04	1.05E-03	8.50E-07	8.61E-04	7.32E-10	1.0E+06	7.3E-04
276	0.2622	6.48E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.53E-09	1.0E+06	1.5E-03
277	0.22223	6.48E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
278	0.19088	6.48E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
279	0.16585	6.48E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.68E-10	1.0E+06	9.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.14558	6.48E-03	9.4E-04	1.05E-03	9.86E-07	8.61E-04	8.49E-10	1.0E+06	8.5E-04
281	0.12897	6.48E-03	8.4E-04	1.05E-03	8.74E-07	8.61E-04	7.52E-10	1.0E+06	7.5E-04
282	0.11516	6.48E-03	7.5E-04	1.05E-03	7.80E-07	8.61E-04	6.72E-10	1.0E+06	6.7E-04
283	0.23111	6.48E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03
284	0.19775	6.48E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.15E-09	1.0E+06	1.2E-03
285	0.17128	6.48E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.99E-10	1.0E+06	1.0E-03
286	0.14993	6.48E-03	9.7E-04	1.05E-03	1.02E-06	8.61E-04	8.75E-10	1.0E+06	8.7E-04
287	0.13248	6.48E-03	8.6E-04	1.05E-03	8.98E-07	8.61E-04	7.73E-10	1.0E+06	7.7E-04
288	0.11804	6.48E-03	7.7E-04	1.05E-03	8.00E-07	8.61E-04	6.89E-10	1.0E+06	6.9E-04
289	0.10597	6.48E-03	6.9E-04	1.05E-03	7.18E-07	8.61E-04	6.18E-10	1.0E+06	6.2E-04
290	0.20491	6.48E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
291	0.17698	6.48E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
292	0.15454	6.48E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.02E-10	1.0E+06	9.0E-04
293	0.13624	6.48E-03	8.8E-04	1.05E-03	9.23E-07	8.61E-04	7.95E-10	1.0E+06	7.9E-04
294	0.12114	6.48E-03	7.9E-04	1.05E-03	8.21E-07	8.61E-04	7.07E-10	1.0E+06	7.1E-04
295	0.10854	6.48E-03	7.0E-04	1.05E-03	7.35E-07	8.61E-04	6.33E-10	1.0E+06	6.3E-04
296	0.09793	6.48E-03	6.3E-04	1.05E-03	6.64E-07	8.61E-04	5.71E-10	1.0E+06	5.7E-04
297	0.18332	6.48E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
298	0.15967	6.48E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.32E-10	1.0E+06	9.3E-04
299	0.14044	6.48E-03	9.1E-04	1.05E-03	9.52E-07	8.61E-04	8.19E-10	1.0E+06	8.2E-04
300	0.12462	6.48E-03	8.1E-04	1.05E-03	8.44E-07	8.61E-04	7.27E-10	1.0E+06	7.3E-04
301	0.11144	6.48E-03	7.2E-04	1.05E-03	7.55E-07	8.61E-04	6.50E-10	1.0E+06	6.5E-04
302	0.10036	6.48E-03	6.5E-04	1.05E-03	6.80E-07	8.61E-04	5.86E-10	1.0E+06	5.9E-04
303	0.09095	6.48E-03	5.9E-04	1.05E-03	6.16E-07	8.61E-04	5.31E-10	1.0E+06	5.3E-04
304	0.16534	6.48E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.65E-10	1.0E+06	9.6E-04
305	0.14512	6.48E-03	9.4E-04	1.05E-03	9.83E-07	8.61E-04	8.47E-10	1.0E+06	8.5E-04
306	0.12851	6.48E-03	8.3E-04	1.05E-03	8.71E-07	8.61E-04	7.50E-10	1.0E+06	7.5E-04
307	0.1147	6.48E-03	7.4E-04	1.05E-03	7.77E-07	8.61E-04	6.69E-10	1.0E+06	6.7E-04
308	0.10311	6.48E-03	6.7E-04	1.05E-03	6.99E-07	8.61E-04	6.02E-10	1.0E+06	6.0E-04
309	0.09329	6.48E-03	6.0E-04	1.05E-03	6.32E-07	8.61E-04	5.44E-10	1.0E+06	5.4E-04
310	0.0849	6.48E-03	5.5E-04	1.05E-03	5.75E-07	8.61E-04	4.95E-10	1.0E+06	5.0E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.15009	6.48E-03	9.7E-04	1.05E-03	1.02E-06	8.61E-04	8.76E-10	1.0E+06	8.8E-04
312	0.13268	6.48E-03	8.6E-04	1.05E-03	8.99E-07	8.61E-04	7.74E-10	1.0E+06	7.7E-04
313	0.11824	6.48E-03	7.7E-04	1.05E-03	8.01E-07	8.61E-04	6.90E-10	1.0E+06	6.9E-04
314	0.10612	6.48E-03	6.9E-04	1.05E-03	7.19E-07	8.61E-04	6.19E-10	1.0E+06	6.2E-04
315	0.09586	6.48E-03	6.2E-04	1.05E-03	6.50E-07	8.61E-04	5.59E-10	1.0E+06	5.6E-04
316	0.08711	6.48E-03	5.6E-04	1.05E-03	5.90E-07	8.61E-04	5.08E-10	1.0E+06	5.1E-04
317	0.07957	6.48E-03	5.2E-04	1.05E-03	5.39E-07	8.61E-04	4.64E-10	1.0E+06	4.6E-04



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Building Construction Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	7.59E-05
2	5	7.98E-05
3	5	8.11E-05
4	5	1.15E-04
5	5	1.21E-04
6	5	1.26E-04
7	5	1.32E-04
8	5	1.37E-04
9	5	1.42E-04
10	5	1.47E-04
11	5	1.52E-04
12	5	1.59E-04
13	5	1.67E-04
14	5	1.77E-04
15	5	1.89E-04
16	5	2.03E-04
17	5	2.19E-04
18	5	2.35E-04
19	5	2.51E-04
20	5	2.66E-04
21	5	2.78E-04
22	5	2.86E-04
23	5	2.90E-04
24	5	2.91E-04
25	5	2.87E-04
26	5	8.21E-05
27	5	8.65E-05
28	5	8.81E-05
29	5	1.28E-04
30	5	1.36E-04
31	5	1.43E-04

Max	Receptor #
0.002	197

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	1.50E-04
33	5	1.57E-04
34	5	1.63E-04
35	5	1.70E-04
36	5	1.77E-04
37	5	1.86E-04
38	5	1.96E-04
39	5	2.09E-04
40	5	2.25E-04
41	5	2.45E-04
42	5	2.65E-04
43	5	2.86E-04
44	5	3.05E-04
45	5	3.20E-04
46	5	3.31E-04
47	5	3.37E-04
48	5	3.37E-04
49	5	3.32E-04
50	5	3.22E-04
51	5	8.90E-05
52	5	9.42E-05
53	5	9.62E-05
54	5	1.45E-04
55	5	1.54E-04
56	5	1.64E-04
57	5	1.73E-04
58	5	1.82E-04
59	5	1.90E-04
60	5	1.99E-04
61	5	2.08E-04
62	5	2.20E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Building Construction Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
63	5	2.35E-04
64	5	2.53E-04
65	5	2.75E-04
66	5	3.01E-04
67	5	3.27E-04
68	5	3.52E-04
69	5	3.74E-04
70	5	3.89E-04
71	5	3.96E-04
72	5	3.96E-04
73	5	3.89E-04
74	5	3.76E-04
75	5	3.58E-04
76	5	9.68E-05
77	5	1.03E-04
78	5	1.06E-04
79	5	1.64E-04
80	5	1.77E-04
81	5	1.89E-04
82	5	2.02E-04
83	5	2.14E-04
84	5	2.25E-04
85	5	2.37E-04
86	5	2.50E-04
87	5	2.66E-04
88	5	2.86E-04
89	5	3.12E-04
90	5	3.43E-04
91	5	3.78E-04
92	5	4.12E-04
93	5	4.42E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	4.63E-04
95	5	4.74E-04
96	5	4.73E-04
97	5	4.63E-04
98	5	4.44E-04
99	5	4.20E-04
100	5	3.92E-04
101	5	1.05E-04
102	5	1.13E-04
103	5	1.17E-04
104	5	1.88E-04
105	5	2.04E-04
106	5	2.21E-04
107	5	2.38E-04
108	5	2.55E-04
109	5	2.71E-04
110	5	2.87E-04
111	5	3.07E-04
112	5	3.29E-04
113	5	3.58E-04
114	5	3.96E-04
115	5	4.41E-04
116	5	4.88E-04
117	5	5.30E-04
118	5	5.60E-04
119	5	5.76E-04
120	5	5.76E-04
121	5	5.60E-04
122	5	5.34E-04
123	5	4.99E-04
124	5	4.60E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.15E-04
126	5	1.23E-04
127	5	1.29E-04
128	5	2.39E-04
129	5	2.62E-04
130	5	2.86E-04
131	5	3.09E-04
132	5	3.33E-04
133	5	3.58E-04
134	5	3.85E-04
135	5	4.17E-04
136	5	4.61E-04
137	5	5.19E-04
138	5	5.84E-04
139	5	6.45E-04
140	5	6.92E-04
141	5	7.17E-04
142	5	7.16E-04
143	5	6.93E-04
144	5	6.53E-04
145	5	6.03E-04
146	5	5.47E-04
147	5	1.25E-04
148	5	1.35E-04
149	5	1.43E-04
150	5	2.82E-04
151	5	3.15E-04
152	5	3.49E-04
153	5	3.84E-04
154	5	4.19E-04
155	5	4.58E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	4.97E-04
157	5	5.48E-04
158	5	6.19E-04
159	5	7.09E-04
160	5	8.01E-04
161	5	8.75E-04
162	5	9.16E-04
163	5	9.15E-04
164	5	8.79E-04
165	5	8.17E-04
166	5	7.41E-04
167	5	6.61E-04
168	5	5.83E-04
169	5	1.35E-04
170	5	1.48E-04
171	5	1.59E-04
172	5	1.70E-04
173	5	3.39E-04
174	5	3.85E-04
175	5	4.36E-04
176	5	4.90E-04
177	5	5.46E-04
178	5	6.05E-04
179	5	6.67E-04
180	5	7.53E-04
181	5	8.74E-04
182	5	1.02E-03
183	5	9.33E-04
184	5	8.13E-04
185	5	1.61E-04
186	5	1.76E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	1.90E-04
188	5	4.12E-04
189	5	4.79E-04
190	5	5.57E-04
191	5	6.45E-04
192	5	7.43E-04
193	5	8.38E-04
194	5	9.46E-04
195	5	1.10E-03
196	5	1.32E-03
197	5	1.53E-03
198	5	1.93E-04
199	5	2.13E-04
200	5	2.11E-04
201	5	2.38E-04
202	5	2.65E-04
203	5	2.62E-04
204	5	3.00E-04
205	5	3.45E-04
206	5	3.35E-04
207	5	3.92E-04
208	5	4.66E-04
209	5	3.73E-04
210	5	4.47E-04
211	5	5.38E-04
212	5	5.06E-04
213	5	6.27E-04
214	5	7.82E-04
215	5	5.69E-04
216	5	7.13E-04
217	5	9.02E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	1.00E-03
219	5	1.32E-03
220	5	1.04E-03
221	5	1.32E-03
222	5	1.00E-03
223	5	1.22E-03
224	5	1.50E-03
225	5	1.06E-03
226	5	1.23E-03
227	5	1.89E-04
228	5	1.68E-04
229	5	1.51E-04
230	5	1.36E-04
231	5	1.71E-04
232	5	1.54E-04
233	5	1.39E-04
234	5	1.26E-04
235	5	1.55E-04
236	5	1.40E-04
237	5	1.28E-04
238	5	1.16E-04
239	5	1.23E-03
240	5	1.09E-03
241	5	9.67E-04
242	5	8.60E-04
243	5	1.04E-03
244	5	9.37E-04
245	5	8.42E-04
246	5	7.57E-04
247	5	8.95E-04
248	5	8.13E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	7.38E-04
250	5	6.69E-04
251	5	3.75E-04
252	5	3.49E-04
253	5	4.16E-04
254	5	3.91E-04
255	5	3.43E-04
256	5	3.21E-04
257	5	2.64E-04
258	5	3.77E-04
259	5	3.55E-04
260	5	3.34E-04
261	5	3.15E-04
262	5	2.96E-04
263	5	2.47E-04
264	5	3.24E-04
265	5	3.07E-04
266	5	2.90E-04
267	5	2.74E-04
268	5	2.30E-04
269	5	3.85E-04
270	5	3.24E-04
271	5	2.76E-04
272	5	2.38E-04
273	5	2.08E-04
274	5	1.83E-04
275	5	1.63E-04
276	5	3.40E-04
277	5	2.88E-04
278	5	2.47E-04
279	5	2.15E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	1.89E-04
281	5	1.67E-04
282	5	1.49E-04
283	5	3.00E-04
284	5	2.56E-04
285	5	2.22E-04
286	5	1.94E-04
287	5	1.72E-04
288	5	1.53E-04
289	5	1.37E-04
290	5	2.66E-04
291	5	2.29E-04
292	5	2.00E-04
293	5	1.77E-04
294	5	1.57E-04
295	5	1.41E-04
296	5	1.27E-04
297	5	2.38E-04
298	5	2.07E-04
299	5	1.82E-04
300	5	1.62E-04
301	5	1.44E-04
302	5	1.30E-04
303	5	1.18E-04
304	5	2.14E-04
305	5	1.88E-04
306	5	1.67E-04
307	5	1.49E-04
308	5	1.34E-04
309	5	1.21E-04
310	5	1.10E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	1.95E-04
312	5	1.72E-04
313	5	1.53E-04
314	5	1.38E-04
315	5	1.24E-04
316	5	1.13E-04
317	5	1.03E-04

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Parcel 7-G: Unmitigated - Parcel 7 - Paving Risk



**RINCON CONSULTANTS, INC.**  
Environmental Scientists | Planners | Engineers  
[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05672	3.89E-03	2.2E-04	1.05E-03	2.30E-07	8.61E-04	1.98E-10	1.0E+06	2.0E-04
2	0.05952	3.89E-03	2.3E-04	1.05E-03	2.42E-07	8.61E-04	2.08E-10	1.0E+06	2.1E-04
3	0.06045	3.89E-03	2.3E-04	1.05E-03	2.46E-07	8.61E-04	2.11E-10	1.0E+06	2.1E-04
4	0.08486	3.89E-03	3.3E-04	1.05E-03	3.45E-07	8.61E-04	2.97E-10	1.0E+06	3.0E-04
5	0.08913	3.89E-03	3.5E-04	1.05E-03	3.62E-07	8.61E-04	3.12E-10	1.0E+06	3.1E-04
6	0.09327	3.89E-03	3.6E-04	1.05E-03	3.79E-07	8.61E-04	3.26E-10	1.0E+06	3.3E-04
7	0.09722	3.89E-03	3.8E-04	1.05E-03	3.95E-07	8.61E-04	3.40E-10	1.0E+06	3.4E-04
8	0.10098	3.89E-03	3.9E-04	1.05E-03	4.10E-07	8.61E-04	3.53E-10	1.0E+06	3.5E-04
9	0.1046	3.89E-03	4.1E-04	1.05E-03	4.25E-07	8.61E-04	3.66E-10	1.0E+06	3.7E-04
10	0.10822	3.89E-03	4.2E-04	1.05E-03	4.40E-07	8.61E-04	3.78E-10	1.0E+06	3.8E-04
11	0.11206	3.89E-03	4.4E-04	1.05E-03	4.55E-07	8.61E-04	3.92E-10	1.0E+06	3.9E-04
12	0.1165	3.89E-03	4.5E-04	1.05E-03	4.73E-07	8.61E-04	4.07E-10	1.0E+06	4.1E-04
13	0.12211	3.89E-03	4.7E-04	1.05E-03	4.96E-07	8.61E-04	4.27E-10	1.0E+06	4.3E-04
14	0.12881	3.89E-03	5.0E-04	1.05E-03	5.23E-07	8.61E-04	4.50E-10	1.0E+06	4.5E-04
15	0.13696	3.89E-03	5.3E-04	1.05E-03	5.56E-07	8.61E-04	4.79E-10	1.0E+06	4.8E-04
16	0.14684	3.89E-03	5.7E-04	1.05E-03	5.96E-07	8.61E-04	5.14E-10	1.0E+06	5.1E-04
17	0.158	3.89E-03	6.1E-04	1.05E-03	6.42E-07	8.61E-04	5.53E-10	1.0E+06	5.5E-04
18	0.16973	3.89E-03	6.6E-04	1.05E-03	6.89E-07	8.61E-04	5.94E-10	1.0E+06	5.9E-04
19	0.18149	3.89E-03	7.1E-04	1.05E-03	7.37E-07	8.61E-04	6.35E-10	1.0E+06	6.3E-04
20	0.19245	3.89E-03	7.5E-04	1.05E-03	7.82E-07	8.61E-04	6.73E-10	1.0E+06	6.7E-04
21	0.20182	3.89E-03	7.8E-04	1.05E-03	8.20E-07	8.61E-04	7.06E-10	1.0E+06	7.1E-04
22	0.20893	3.89E-03	8.1E-04	1.05E-03	8.49E-07	8.61E-04	7.31E-10	1.0E+06	7.3E-04
23	0.21334	3.89E-03	8.3E-04	1.05E-03	8.66E-07	8.61E-04	7.46E-10	1.0E+06	7.5E-04
24	0.21485	3.89E-03	8.3E-04	1.05E-03	8.73E-07	8.61E-04	7.51E-10	1.0E+06	7.5E-04
25	0.21352	3.89E-03	8.3E-04	1.05E-03	8.67E-07	8.61E-04	7.47E-10	1.0E+06	7.5E-04
26	0.06125	3.89E-03	2.4E-04	1.05E-03	2.49E-07	8.61E-04	2.14E-10	1.0E+06	2.1E-04
27	0.06445	3.89E-03	2.5E-04	1.05E-03	2.62E-07	8.61E-04	2.25E-10	1.0E+06	2.3E-04
28	0.06558	3.89E-03	2.5E-04	1.05E-03	2.66E-07	8.61E-04	2.29E-10	1.0E+06	2.3E-04
29	0.09467	3.89E-03	3.7E-04	1.05E-03	3.84E-07	8.61E-04	3.31E-10	1.0E+06	3.3E-04
30	0.10007	3.89E-03	3.9E-04	1.05E-03	4.06E-07	8.61E-04	3.50E-10	1.0E+06	3.5E-04
31	0.10536	3.89E-03	4.1E-04	1.05E-03	4.28E-07	8.61E-04	3.68E-10	1.0E+06	3.7E-04

<b>Max</b>	<b>Receptor #</b>
0.004	224

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
32	0.11045	3.89E-03	4.3E-04	1.05E-03	4.49E-07	8.61E-04	3.86E-10	1.0E+06	3.9E-04
33	0.11528	3.89E-03	4.5E-04	1.05E-03	4.68E-07	8.61E-04	4.03E-10	1.0E+06	4.0E-04
34	0.11992	3.89E-03	4.7E-04	1.05E-03	4.87E-07	8.61E-04	4.19E-10	1.0E+06	4.2E-04
35	0.12456	3.89E-03	4.8E-04	1.05E-03	5.06E-07	8.61E-04	4.36E-10	1.0E+06	4.4E-04
36	0.12949	3.89E-03	5.0E-04	1.05E-03	5.26E-07	8.61E-04	4.53E-10	1.0E+06	4.5E-04
37	0.13552	3.89E-03	5.3E-04	1.05E-03	5.50E-07	8.61E-04	4.74E-10	1.0E+06	4.7E-04
38	0.14292	3.89E-03	5.6E-04	1.05E-03	5.80E-07	8.61E-04	5.00E-10	1.0E+06	5.0E-04
39	0.15169	3.89E-03	5.9E-04	1.05E-03	6.16E-07	8.61E-04	5.30E-10	1.0E+06	5.3E-04
40	0.16266	3.89E-03	6.3E-04	1.05E-03	6.61E-07	8.61E-04	5.69E-10	1.0E+06	5.7E-04
41	0.17589	3.89E-03	6.8E-04	1.05E-03	7.14E-07	8.61E-04	6.15E-10	1.0E+06	6.2E-04
42	0.1903	3.89E-03	7.4E-04	1.05E-03	7.73E-07	8.61E-04	6.66E-10	1.0E+06	6.7E-04
43	0.20511	3.89E-03	8.0E-04	1.05E-03	8.33E-07	8.61E-04	7.17E-10	1.0E+06	7.2E-04
44	0.21923	3.89E-03	8.5E-04	1.05E-03	8.90E-07	8.61E-04	7.67E-10	1.0E+06	7.7E-04
45	0.23148	3.89E-03	9.0E-04	1.05E-03	9.40E-07	8.61E-04	8.10E-10	1.0E+06	8.1E-04
46	0.24083	3.89E-03	9.4E-04	1.05E-03	9.78E-07	8.61E-04	8.42E-10	1.0E+06	8.4E-04
47	0.24659	3.89E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.62E-10	1.0E+06	8.6E-04
48	0.24848	3.89E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.69E-10	1.0E+06	8.7E-04
49	0.24657	3.89E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.62E-10	1.0E+06	8.6E-04
50	0.24125	3.89E-03	9.4E-04	1.05E-03	9.80E-07	8.61E-04	8.44E-10	1.0E+06	8.4E-04
51	0.06633	3.89E-03	2.6E-04	1.05E-03	2.69E-07	8.61E-04	2.32E-10	1.0E+06	2.3E-04
52	0.07005	3.89E-03	2.7E-04	1.05E-03	2.85E-07	8.61E-04	2.45E-10	1.0E+06	2.4E-04
53	0.0715	3.89E-03	2.8E-04	1.05E-03	2.90E-07	8.61E-04	2.50E-10	1.0E+06	2.5E-04
54	0.10631	3.89E-03	4.1E-04	1.05E-03	4.32E-07	8.61E-04	3.72E-10	1.0E+06	3.7E-04
55	0.11319	3.89E-03	4.4E-04	1.05E-03	4.60E-07	8.61E-04	3.96E-10	1.0E+06	4.0E-04
56	0.12001	3.89E-03	4.7E-04	1.05E-03	4.87E-07	8.61E-04	4.20E-10	1.0E+06	4.2E-04
57	0.12666	3.89E-03	4.9E-04	1.05E-03	5.14E-07	8.61E-04	4.43E-10	1.0E+06	4.4E-04
58	0.13301	3.89E-03	5.2E-04	1.05E-03	5.40E-07	8.61E-04	4.65E-10	1.0E+06	4.7E-04
59	0.13915	3.89E-03	5.4E-04	1.05E-03	5.65E-07	8.61E-04	4.87E-10	1.0E+06	4.9E-04
60	0.14525	3.89E-03	5.6E-04	1.05E-03	5.90E-07	8.61E-04	5.08E-10	1.0E+06	5.1E-04
61	0.15173	3.89E-03	5.9E-04	1.05E-03	6.16E-07	8.61E-04	5.31E-10	1.0E+06	5.3E-04
62	0.15991	3.89E-03	6.2E-04	1.05E-03	6.49E-07	8.61E-04	5.59E-10	1.0E+06	5.6E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.16969	3.89E-03	6.6E-04	1.05E-03	6.89E-07	8.61E-04	5.93E-10	1.0E+06	5.9E-04
64	0.18176	3.89E-03	7.1E-04	1.05E-03	7.38E-07	8.61E-04	6.36E-10	1.0E+06	6.4E-04
65	0.19684	3.89E-03	7.6E-04	1.05E-03	7.99E-07	8.61E-04	6.88E-10	1.0E+06	6.9E-04
66	0.2147	3.89E-03	8.3E-04	1.05E-03	8.72E-07	8.61E-04	7.51E-10	1.0E+06	7.5E-04
67	0.23349	3.89E-03	9.1E-04	1.05E-03	9.48E-07	8.61E-04	8.17E-10	1.0E+06	8.2E-04
68	0.25195	3.89E-03	9.8E-04	1.05E-03	1.02E-06	8.61E-04	8.81E-10	1.0E+06	8.8E-04
69	0.26827	3.89E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.38E-10	1.0E+06	9.4E-04
70	0.28087	3.89E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.82E-10	1.0E+06	9.8E-04
71	0.28863	3.89E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
72	0.29105	3.89E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
73	0.28828	3.89E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
74	0.28093	3.89E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.82E-10	1.0E+06	9.8E-04
75	0.26989	3.89E-03	1.0E-03	1.05E-03	1.10E-06	8.61E-04	9.44E-10	1.0E+06	9.4E-04
76	0.07198	3.89E-03	2.8E-04	1.05E-03	2.92E-07	8.61E-04	2.52E-10	1.0E+06	2.5E-04
77	0.07636	3.89E-03	3.0E-04	1.05E-03	3.10E-07	8.61E-04	2.67E-10	1.0E+06	2.7E-04
78	0.07838	3.89E-03	3.0E-04	1.05E-03	3.18E-07	8.61E-04	2.74E-10	1.0E+06	2.7E-04
79	0.12022	3.89E-03	4.7E-04	1.05E-03	4.88E-07	8.61E-04	4.20E-10	1.0E+06	4.2E-04
80	0.12908	3.89E-03	5.0E-04	1.05E-03	5.24E-07	8.61E-04	4.51E-10	1.0E+06	4.5E-04
81	0.13802	3.89E-03	5.4E-04	1.05E-03	5.61E-07	8.61E-04	4.83E-10	1.0E+06	4.8E-04
82	0.14684	3.89E-03	5.7E-04	1.05E-03	5.96E-07	8.61E-04	5.14E-10	1.0E+06	5.1E-04
83	0.15539	3.89E-03	6.0E-04	1.05E-03	6.31E-07	8.61E-04	5.43E-10	1.0E+06	5.4E-04
84	0.16368	3.89E-03	6.4E-04	1.05E-03	6.65E-07	8.61E-04	5.72E-10	1.0E+06	5.7E-04
85	0.17191	3.89E-03	6.7E-04	1.05E-03	6.98E-07	8.61E-04	6.01E-10	1.0E+06	6.0E-04
86	0.1814	3.89E-03	7.0E-04	1.05E-03	7.37E-07	8.61E-04	6.34E-10	1.0E+06	6.3E-04
87	0.19221	3.89E-03	7.5E-04	1.05E-03	7.81E-07	8.61E-04	6.72E-10	1.0E+06	6.7E-04
88	0.20534	3.89E-03	8.0E-04	1.05E-03	8.34E-07	8.61E-04	7.18E-10	1.0E+06	7.2E-04
89	0.22244	3.89E-03	8.6E-04	1.05E-03	9.03E-07	8.61E-04	7.78E-10	1.0E+06	7.8E-04
90	0.24372	3.89E-03	9.5E-04	1.05E-03	9.90E-07	8.61E-04	8.52E-10	1.0E+06	8.5E-04
91	0.26788	3.89E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.37E-10	1.0E+06	9.4E-04
92	0.29231	3.89E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
93	0.31456	3.89E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.332	3.89E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
95	0.34277	3.89E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
96	0.34603	3.89E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
97	0.34198	3.89E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
98	0.33161	3.89E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
99	0.31633	3.89E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
100	0.29771	3.89E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
101	0.07821	3.89E-03	3.0E-04	1.05E-03	3.18E-07	8.61E-04	2.74E-10	1.0E+06	2.7E-04
102	0.08344	3.89E-03	3.2E-04	1.05E-03	3.39E-07	8.61E-04	2.92E-10	1.0E+06	2.9E-04
103	0.08628	3.89E-03	3.4E-04	1.05E-03	3.50E-07	8.61E-04	3.02E-10	1.0E+06	3.0E-04
104	0.13703	3.89E-03	5.3E-04	1.05E-03	5.57E-07	8.61E-04	4.79E-10	1.0E+06	4.8E-04
105	0.14855	3.89E-03	5.8E-04	1.05E-03	6.03E-07	8.61E-04	5.19E-10	1.0E+06	5.2E-04
106	0.16048	3.89E-03	6.2E-04	1.05E-03	6.52E-07	8.61E-04	5.61E-10	1.0E+06	5.6E-04
107	0.17246	3.89E-03	6.7E-04	1.05E-03	7.00E-07	8.61E-04	6.03E-10	1.0E+06	6.0E-04
108	0.18424	3.89E-03	7.2E-04	1.05E-03	7.48E-07	8.61E-04	6.44E-10	1.0E+06	6.4E-04
109	0.19568	3.89E-03	7.6E-04	1.05E-03	7.95E-07	8.61E-04	6.84E-10	1.0E+06	6.8E-04
110	0.20727	3.89E-03	8.1E-04	1.05E-03	8.42E-07	8.61E-04	7.25E-10	1.0E+06	7.2E-04
111	0.2208	3.89E-03	8.6E-04	1.05E-03	8.97E-07	8.61E-04	7.72E-10	1.0E+06	7.7E-04
112	0.23532	3.89E-03	9.1E-04	1.05E-03	9.56E-07	8.61E-04	8.23E-10	1.0E+06	8.2E-04
113	0.25436	3.89E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.90E-10	1.0E+06	8.9E-04
114	0.27934	3.89E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.77E-10	1.0E+06	9.8E-04
115	0.30978	3.89E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
116	0.34265	3.89E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
117	0.37364	3.89E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
118	0.39857	3.89E-03	1.5E-03	1.05E-03	1.62E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03
119	0.41409	3.89E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.45E-09	1.0E+06	1.4E-03
120	0.41869	3.89E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
121	0.41267	3.89E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03
122	0.39769	3.89E-03	1.5E-03	1.05E-03	1.62E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03
123	0.37606	3.89E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
124	0.35024	3.89E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
125	0.08502	3.89E-03	3.3E-04	1.05E-03	3.45E-07	8.61E-04	2.97E-10	1.0E+06	3.0E-04
126	0.09125	3.89E-03	3.5E-04	1.05E-03	3.71E-07	8.61E-04	3.19E-10	1.0E+06	3.2E-04
127	0.09516	3.89E-03	3.7E-04	1.05E-03	3.86E-07	8.61E-04	3.33E-10	1.0E+06	3.3E-04
128	0.17274	3.89E-03	6.7E-04	1.05E-03	7.02E-07	8.61E-04	6.04E-10	1.0E+06	6.0E-04
129	0.18892	3.89E-03	7.3E-04	1.05E-03	7.67E-07	8.61E-04	6.61E-10	1.0E+06	6.6E-04
130	0.20561	3.89E-03	8.0E-04	1.05E-03	8.35E-07	8.61E-04	7.19E-10	1.0E+06	7.2E-04
131	0.22222	3.89E-03	8.6E-04	1.05E-03	9.03E-07	8.61E-04	7.77E-10	1.0E+06	7.8E-04
132	0.23848	3.89E-03	9.3E-04	1.05E-03	9.69E-07	8.61E-04	8.34E-10	1.0E+06	8.3E-04
133	0.25577	3.89E-03	9.9E-04	1.05E-03	1.04E-06	8.61E-04	8.94E-10	1.0E+06	8.9E-04
134	0.27418	3.89E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.59E-10	1.0E+06	9.6E-04
135	0.29552	3.89E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
136	0.32428	3.89E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
137	0.36198	3.89E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
138	0.40623	3.89E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03
139	0.45031	3.89E-03	1.7E-03	1.05E-03	1.83E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03
140	0.48714	3.89E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03
141	0.5105	3.89E-03	2.0E-03	1.05E-03	2.07E-06	8.61E-04	1.79E-09	1.0E+06	1.8E-03
142	0.5174	3.89E-03	2.0E-03	1.05E-03	2.10E-06	8.61E-04	1.81E-09	1.0E+06	1.8E-03
143	0.50825	3.89E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
144	0.48595	3.89E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03
145	0.45449	3.89E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03
146	0.41784	3.89E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
147	0.09241	3.89E-03	3.6E-04	1.05E-03	3.75E-07	8.61E-04	3.23E-10	1.0E+06	3.2E-04
148	0.09986	3.89E-03	3.9E-04	1.05E-03	4.06E-07	8.61E-04	3.49E-10	1.0E+06	3.5E-04
149	0.10538	3.89E-03	4.1E-04	1.05E-03	4.28E-07	8.61E-04	3.69E-10	1.0E+06	3.7E-04
150	0.20324	3.89E-03	7.9E-04	1.05E-03	8.25E-07	8.61E-04	7.11E-10	1.0E+06	7.1E-04
151	0.2255	3.89E-03	8.8E-04	1.05E-03	9.16E-07	8.61E-04	7.89E-10	1.0E+06	7.9E-04
152	0.24926	3.89E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.72E-10	1.0E+06	8.7E-04
153	0.27351	3.89E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.56E-10	1.0E+06	9.6E-04
154	0.29755	3.89E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
155	0.32437	3.89E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
156	0.35035	3.89E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
157	0.38325	3.89E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
158	0.42883	3.89E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03
159	0.48757	3.89E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03
160	0.55152	3.89E-03	2.1E-03	1.05E-03	2.24E-06	8.61E-04	1.93E-09	1.0E+06	1.9E-03
161	0.60766	3.89E-03	2.4E-03	1.05E-03	2.47E-06	8.61E-04	2.13E-09	1.0E+06	2.1E-03
162	0.64482	3.89E-03	2.5E-03	1.05E-03	2.62E-06	8.61E-04	2.26E-09	1.0E+06	2.3E-03
163	0.65602	3.89E-03	2.5E-03	1.05E-03	2.66E-06	8.61E-04	2.29E-09	1.0E+06	2.3E-03
164	0.64175	3.89E-03	2.5E-03	1.05E-03	2.61E-06	8.61E-04	2.24E-09	1.0E+06	2.2E-03
165	0.60735	3.89E-03	2.4E-03	1.05E-03	2.47E-06	8.61E-04	2.12E-09	1.0E+06	2.1E-03
166	0.56004	3.89E-03	2.2E-03	1.05E-03	2.27E-06	8.61E-04	1.96E-09	1.0E+06	2.0E-03
167	0.50652	3.89E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03
168	0.45195	3.89E-03	1.8E-03	1.05E-03	1.84E-06	8.61E-04	1.58E-09	1.0E+06	1.6E-03
169	0.10031	3.89E-03	3.9E-04	1.05E-03	4.07E-07	8.61E-04	3.51E-10	1.0E+06	3.5E-04
170	0.1092	3.89E-03	4.2E-04	1.05E-03	4.44E-07	8.61E-04	3.82E-10	1.0E+06	3.8E-04
171	0.11698	3.89E-03	4.5E-04	1.05E-03	4.75E-07	8.61E-04	4.09E-10	1.0E+06	4.1E-04
172	0.12496	3.89E-03	4.9E-04	1.05E-03	5.08E-07	8.61E-04	4.37E-10	1.0E+06	4.4E-04
173	0.24221	3.89E-03	9.4E-04	1.05E-03	9.84E-07	8.61E-04	8.47E-10	1.0E+06	8.5E-04
174	0.27352	3.89E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.57E-10	1.0E+06	9.6E-04
175	0.30835	3.89E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
176	0.345	3.89E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
177	0.38326	3.89E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
178	0.42361	3.89E-03	1.6E-03	1.05E-03	1.72E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03
179	0.4644	3.89E-03	1.8E-03	1.05E-03	1.89E-06	8.61E-04	1.62E-09	1.0E+06	1.6E-03
180	0.51849	3.89E-03	2.0E-03	1.05E-03	2.11E-06	8.61E-04	1.81E-09	1.0E+06	1.8E-03
181	0.5944	3.89E-03	2.3E-03	1.05E-03	2.41E-06	8.61E-04	2.08E-09	1.0E+06	2.1E-03
182	0.68772	3.89E-03	2.7E-03	1.05E-03	2.79E-06	8.61E-04	2.41E-09	1.0E+06	2.4E-03
183	0.70629	3.89E-03	2.7E-03	1.05E-03	2.87E-06	8.61E-04	2.47E-09	1.0E+06	2.5E-03
184	0.62546	3.89E-03	2.4E-03	1.05E-03	2.54E-06	8.61E-04	2.19E-09	1.0E+06	2.2E-03
185	0.11918	3.89E-03	4.6E-04	1.05E-03	4.84E-07	8.61E-04	4.17E-10	1.0E+06	4.2E-04
186	0.12958	3.89E-03	5.0E-04	1.05E-03	5.26E-07	8.61E-04	4.53E-10	1.0E+06	4.5E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
187	0.1394	3.89E-03	5.4E-04	1.05E-03	5.66E-07	8.61E-04	4.87E-10	1.0E+06	4.9E-04
188	0.29253	3.89E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
189	0.33761	3.89E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
190	0.39021	3.89E-03	1.5E-03	1.05E-03	1.58E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03
191	0.44858	3.89E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03
192	0.51389	3.89E-03	2.0E-03	1.05E-03	2.09E-06	8.61E-04	1.80E-09	1.0E+06	1.8E-03
193	0.57716	3.89E-03	2.2E-03	1.05E-03	2.34E-06	8.61E-04	2.02E-09	1.0E+06	2.0E-03
194	0.6463	3.89E-03	2.5E-03	1.05E-03	2.62E-06	8.61E-04	2.26E-09	1.0E+06	2.3E-03
195	0.74164	3.89E-03	2.9E-03	1.05E-03	3.01E-06	8.61E-04	2.59E-09	1.0E+06	2.6E-03
196	0.87551	3.89E-03	3.4E-03	1.05E-03	3.56E-06	8.61E-04	3.06E-09	1.0E+06	3.1E-03
197	1.02415	3.89E-03	4.0E-03	1.05E-03	4.16E-06	8.61E-04	3.58E-09	1.0E+06	3.6E-03
198	0.14181	3.89E-03	5.5E-04	1.05E-03	5.76E-07	8.61E-04	4.96E-10	1.0E+06	5.0E-04
199	0.15616	3.89E-03	6.1E-04	1.05E-03	6.34E-07	8.61E-04	5.46E-10	1.0E+06	5.5E-04
200	0.15526	3.89E-03	6.0E-04	1.05E-03	6.31E-07	8.61E-04	5.43E-10	1.0E+06	5.4E-04
201	0.17388	3.89E-03	6.8E-04	1.05E-03	7.06E-07	8.61E-04	6.08E-10	1.0E+06	6.1E-04
202	0.19271	3.89E-03	7.5E-04	1.05E-03	7.83E-07	8.61E-04	6.74E-10	1.0E+06	6.7E-04
203	0.19143	3.89E-03	7.4E-04	1.05E-03	7.77E-07	8.61E-04	6.69E-10	1.0E+06	6.7E-04
204	0.21855	3.89E-03	8.5E-04	1.05E-03	8.88E-07	8.61E-04	7.64E-10	1.0E+06	7.6E-04
205	0.24919	3.89E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.71E-10	1.0E+06	8.7E-04
206	0.2437	3.89E-03	9.5E-04	1.05E-03	9.90E-07	8.61E-04	8.52E-10	1.0E+06	8.5E-04
207	0.28334	3.89E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.91E-10	1.0E+06	9.9E-04
208	0.33414	3.89E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
209	0.27049	3.89E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.46E-10	1.0E+06	9.5E-04
210	0.32204	3.89E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
211	0.38441	3.89E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
212	0.36306	3.89E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
213	0.44647	3.89E-03	1.7E-03	1.05E-03	1.81E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03
214	0.55189	3.89E-03	2.1E-03	1.05E-03	2.24E-06	8.61E-04	1.93E-09	1.0E+06	1.9E-03
215	0.40827	3.89E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03
216	0.50821	3.89E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
217	0.6377	3.89E-03	2.5E-03	1.05E-03	2.59E-06	8.61E-04	2.23E-09	1.0E+06	2.2E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
218	0.7164	3.89E-03	2.8E-03	1.05E-03	2.91E-06	8.61E-04	2.51E-09	1.0E+06	2.5E-03
219	0.94204	3.89E-03	3.7E-03	1.05E-03	3.83E-06	8.61E-04	3.29E-09	1.0E+06	3.3E-03
220	0.7627	3.89E-03	3.0E-03	1.05E-03	3.10E-06	8.61E-04	2.67E-09	1.0E+06	2.7E-03
221	0.97321	3.89E-03	3.8E-03	1.05E-03	3.95E-06	8.61E-04	3.40E-09	1.0E+06	3.4E-03
222	0.75488	3.89E-03	2.9E-03	1.05E-03	3.07E-06	8.61E-04	2.64E-09	1.0E+06	2.6E-03
223	0.92892	3.89E-03	3.6E-03	1.05E-03	3.77E-06	8.61E-04	3.25E-09	1.0E+06	3.2E-03
224	1.16266	3.89E-03	4.5E-03	1.05E-03	4.72E-06	8.61E-04	4.07E-09	1.0E+06	4.1E-03
225	0.82911	3.89E-03	3.2E-03	1.05E-03	3.37E-06	8.61E-04	2.90E-09	1.0E+06	2.9E-03
226	0.97612	3.89E-03	3.8E-03	1.05E-03	3.96E-06	8.61E-04	3.41E-09	1.0E+06	3.4E-03
227	0.1546	3.89E-03	6.0E-04	1.05E-03	6.28E-07	8.61E-04	5.41E-10	1.0E+06	5.4E-04
228	0.13695	3.89E-03	5.3E-04	1.05E-03	5.56E-07	8.61E-04	4.79E-10	1.0E+06	4.8E-04
229	0.12216	3.89E-03	4.7E-04	1.05E-03	4.96E-07	8.61E-04	4.27E-10	1.0E+06	4.3E-04
230	0.10966	3.89E-03	4.3E-04	1.05E-03	4.45E-07	8.61E-04	3.83E-10	1.0E+06	3.8E-04
231	0.13953	3.89E-03	5.4E-04	1.05E-03	5.67E-07	8.61E-04	4.88E-10	1.0E+06	4.9E-04
232	0.12468	3.89E-03	4.8E-04	1.05E-03	5.06E-07	8.61E-04	4.36E-10	1.0E+06	4.4E-04
233	0.11206	3.89E-03	4.4E-04	1.05E-03	4.55E-07	8.61E-04	3.92E-10	1.0E+06	3.9E-04
234	0.10127	3.89E-03	3.9E-04	1.05E-03	4.11E-07	8.61E-04	3.54E-10	1.0E+06	3.5E-04
235	0.12627	3.89E-03	4.9E-04	1.05E-03	5.13E-07	8.61E-04	4.42E-10	1.0E+06	4.4E-04
236	0.11376	3.89E-03	4.4E-04	1.05E-03	4.62E-07	8.61E-04	3.98E-10	1.0E+06	4.0E-04
237	0.10298	3.89E-03	4.0E-04	1.05E-03	4.18E-07	8.61E-04	3.60E-10	1.0E+06	3.6E-04
238	0.09365	3.89E-03	3.6E-04	1.05E-03	3.80E-07	8.61E-04	3.28E-10	1.0E+06	3.3E-04
239	1.13191	3.89E-03	4.4E-03	1.05E-03	4.60E-06	8.61E-04	3.96E-09	1.0E+06	4.0E-03
240	0.9916	3.89E-03	3.9E-03	1.05E-03	4.03E-06	8.61E-04	3.47E-09	1.0E+06	3.5E-03
241	0.87009	3.89E-03	3.4E-03	1.05E-03	3.53E-06	8.61E-04	3.04E-09	1.0E+06	3.0E-03
242	0.76554	3.89E-03	3.0E-03	1.05E-03	3.11E-06	8.61E-04	2.68E-09	1.0E+06	2.7E-03
243	0.94554	3.89E-03	3.7E-03	1.05E-03	3.84E-06	8.61E-04	3.31E-09	1.0E+06	3.3E-03
244	0.84156	3.89E-03	3.3E-03	1.05E-03	3.42E-06	8.61E-04	2.94E-09	1.0E+06	2.9E-03
245	0.7491	3.89E-03	2.9E-03	1.05E-03	3.04E-06	8.61E-04	2.62E-09	1.0E+06	2.6E-03
246	0.66753	3.89E-03	2.6E-03	1.05E-03	2.71E-06	8.61E-04	2.33E-09	1.0E+06	2.3E-03
247	0.80017	3.89E-03	3.1E-03	1.05E-03	3.25E-06	8.61E-04	2.80E-09	1.0E+06	2.8E-03
248	0.72151	3.89E-03	2.8E-03	1.05E-03	2.93E-06	8.61E-04	2.52E-09	1.0E+06	2.5E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
249	0.65005	3.89E-03	2.5E-03	1.05E-03	2.64E-06	8.61E-04	2.27E-09	1.0E+06	2.3E-03
250	0.5856	3.89E-03	2.3E-03	1.05E-03	2.38E-06	8.61E-04	2.05E-09	1.0E+06	2.0E-03
251	0.31667	3.89E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
252	0.29409	3.89E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
253	0.35336	3.89E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
254	0.33054	3.89E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
255	0.28843	3.89E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
256	0.26925	3.89E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.42E-10	1.0E+06	9.4E-04
257	0.21962	3.89E-03	8.5E-04	1.05E-03	8.92E-07	8.61E-04	7.68E-10	1.0E+06	7.7E-04
258	0.31809	3.89E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
259	0.29905	3.89E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03
260	0.28082	3.89E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.82E-10	1.0E+06	9.8E-04
261	0.26353	3.89E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.22E-10	1.0E+06	9.2E-04
262	0.24718	3.89E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.64E-10	1.0E+06	8.6E-04
263	0.20415	3.89E-03	7.9E-04	1.05E-03	8.29E-07	8.61E-04	7.14E-10	1.0E+06	7.1E-04
264	0.27162	3.89E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.50E-10	1.0E+06	9.5E-04
265	0.25625	3.89E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.96E-10	1.0E+06	9.0E-04
266	0.24154	3.89E-03	9.4E-04	1.05E-03	9.81E-07	8.61E-04	8.45E-10	1.0E+06	8.4E-04
267	0.22752	3.89E-03	8.8E-04	1.05E-03	9.24E-07	8.61E-04	7.96E-10	1.0E+06	8.0E-04
268	0.19016	3.89E-03	7.4E-04	1.05E-03	7.72E-07	8.61E-04	6.65E-10	1.0E+06	6.7E-04
269	0.32059	3.89E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
270	0.2682	3.89E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.38E-10	1.0E+06	9.4E-04
271	0.22761	3.89E-03	8.8E-04	1.05E-03	9.24E-07	8.61E-04	7.96E-10	1.0E+06	8.0E-04
272	0.19559	3.89E-03	7.6E-04	1.05E-03	7.94E-07	8.61E-04	6.84E-10	1.0E+06	6.8E-04
273	0.16995	3.89E-03	6.6E-04	1.05E-03	6.90E-07	8.61E-04	5.94E-10	1.0E+06	5.9E-04
274	0.14916	3.89E-03	5.8E-04	1.05E-03	6.06E-07	8.61E-04	5.22E-10	1.0E+06	5.2E-04
275	0.13207	3.89E-03	5.1E-04	1.05E-03	5.36E-07	8.61E-04	4.62E-10	1.0E+06	4.6E-04
276	0.28323	3.89E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.90E-10	1.0E+06	9.9E-04
277	0.23862	3.89E-03	9.3E-04	1.05E-03	9.69E-07	8.61E-04	8.34E-10	1.0E+06	8.3E-04
278	0.20388	3.89E-03	7.9E-04	1.05E-03	8.28E-07	8.61E-04	7.13E-10	1.0E+06	7.1E-04
279	0.1763	3.89E-03	6.9E-04	1.05E-03	7.16E-07	8.61E-04	6.17E-10	1.0E+06	6.2E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.15411	3.89E-03	6.0E-04	1.05E-03	6.26E-07	8.61E-04	5.39E-10	1.0E+06	5.4E-04
281	0.13601	3.89E-03	5.3E-04	1.05E-03	5.52E-07	8.61E-04	4.76E-10	1.0E+06	4.8E-04
282	0.12104	3.89E-03	4.7E-04	1.05E-03	4.92E-07	8.61E-04	4.23E-10	1.0E+06	4.2E-04
283	0.24911	3.89E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.71E-10	1.0E+06	8.7E-04
284	0.21184	3.89E-03	8.2E-04	1.05E-03	8.60E-07	8.61E-04	7.41E-10	1.0E+06	7.4E-04
285	0.18251	3.89E-03	7.1E-04	1.05E-03	7.41E-07	8.61E-04	6.38E-10	1.0E+06	6.4E-04
286	0.15901	3.89E-03	6.2E-04	1.05E-03	6.46E-07	8.61E-04	5.56E-10	1.0E+06	5.6E-04
287	0.13992	3.89E-03	5.4E-04	1.05E-03	5.68E-07	8.61E-04	4.89E-10	1.0E+06	4.9E-04
288	0.12422	3.89E-03	4.8E-04	1.05E-03	5.05E-07	8.61E-04	4.34E-10	1.0E+06	4.3E-04
289	0.11115	3.89E-03	4.3E-04	1.05E-03	4.51E-07	8.61E-04	3.89E-10	1.0E+06	3.9E-04
290	0.2199	3.89E-03	8.5E-04	1.05E-03	8.93E-07	8.61E-04	7.69E-10	1.0E+06	7.7E-04
291	0.18885	3.89E-03	7.3E-04	1.05E-03	7.67E-07	8.61E-04	6.60E-10	1.0E+06	6.6E-04
292	0.16408	3.89E-03	6.4E-04	1.05E-03	6.66E-07	8.61E-04	5.74E-10	1.0E+06	5.7E-04
293	0.14402	3.89E-03	5.6E-04	1.05E-03	5.85E-07	8.61E-04	5.04E-10	1.0E+06	5.0E-04
294	0.12757	3.89E-03	5.0E-04	1.05E-03	5.18E-07	8.61E-04	4.46E-10	1.0E+06	4.5E-04
295	0.11392	3.89E-03	4.4E-04	1.05E-03	4.63E-07	8.61E-04	3.98E-10	1.0E+06	4.0E-04
296	0.10247	3.89E-03	4.0E-04	1.05E-03	4.16E-07	8.61E-04	3.58E-10	1.0E+06	3.6E-04
297	0.19576	3.89E-03	7.6E-04	1.05E-03	7.95E-07	8.61E-04	6.85E-10	1.0E+06	6.8E-04
298	0.16963	3.89E-03	6.6E-04	1.05E-03	6.89E-07	8.61E-04	5.93E-10	1.0E+06	5.9E-04
299	0.14853	3.89E-03	5.8E-04	1.05E-03	6.03E-07	8.61E-04	5.19E-10	1.0E+06	5.2E-04
300	0.13128	3.89E-03	5.1E-04	1.05E-03	5.33E-07	8.61E-04	4.59E-10	1.0E+06	4.6E-04
301	0.11699	3.89E-03	4.5E-04	1.05E-03	4.75E-07	8.61E-04	4.09E-10	1.0E+06	4.1E-04
302	0.10504	3.89E-03	4.1E-04	1.05E-03	4.27E-07	8.61E-04	3.67E-10	1.0E+06	3.7E-04
303	0.09493	3.89E-03	3.7E-04	1.05E-03	3.86E-07	8.61E-04	3.32E-10	1.0E+06	3.3E-04
304	0.17575	3.89E-03	6.8E-04	1.05E-03	7.14E-07	8.61E-04	6.15E-10	1.0E+06	6.1E-04
305	0.15355	3.89E-03	6.0E-04	1.05E-03	6.24E-07	8.61E-04	5.37E-10	1.0E+06	5.4E-04
306	0.13543	3.89E-03	5.3E-04	1.05E-03	5.50E-07	8.61E-04	4.74E-10	1.0E+06	4.7E-04
307	0.12045	3.89E-03	4.7E-04	1.05E-03	4.89E-07	8.61E-04	4.21E-10	1.0E+06	4.2E-04
308	0.10793	3.89E-03	4.2E-04	1.05E-03	4.38E-07	8.61E-04	3.77E-10	1.0E+06	3.8E-04
309	0.09737	3.89E-03	3.8E-04	1.05E-03	3.95E-07	8.61E-04	3.41E-10	1.0E+06	3.4E-04
310	0.08839	3.89E-03	3.4E-04	1.05E-03	3.59E-07	8.61E-04	3.09E-10	1.0E+06	3.1E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
311	0.15895	3.89E-03	6.2E-04	1.05E-03	6.46E-07	8.61E-04	5.56E-10	1.0E+06	5.6E-04
312	0.13992	3.89E-03	5.4E-04	1.05E-03	5.68E-07	8.61E-04	4.89E-10	1.0E+06	4.9E-04
313	0.12423	3.89E-03	4.8E-04	1.05E-03	5.05E-07	8.61E-04	4.34E-10	1.0E+06	4.3E-04
314	0.11113	3.89E-03	4.3E-04	1.05E-03	4.51E-07	8.61E-04	3.89E-10	1.0E+06	3.9E-04
315	0.10009	3.89E-03	3.9E-04	1.05E-03	4.07E-07	8.61E-04	3.50E-10	1.0E+06	3.5E-04
316	0.09072	3.89E-03	3.5E-04	1.05E-03	3.68E-07	8.61E-04	3.17E-10	1.0E+06	3.2E-04
317	0.08268	3.89E-03	3.2E-04	1.05E-03	3.36E-07	8.61E-04	2.89E-10	1.0E+06	2.9E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Paving Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	4.41E-05
2	5	4.63E-05
3	5	4.70E-05
4	5	6.59E-05
5	5	6.93E-05
6	5	7.25E-05
7	5	7.56E-05
8	5	7.85E-05
9	5	8.13E-05
10	5	8.41E-05
11	5	8.71E-05
12	5	9.05E-05
13	5	9.49E-05
14	5	1.00E-04
15	5	1.06E-04
16	5	1.14E-04
17	5	1.23E-04
18	5	1.32E-04
19	5	1.41E-04
20	5	1.50E-04
21	5	1.57E-04
22	5	1.62E-04
23	5	1.66E-04
24	5	1.67E-04
25	5	1.66E-04
26	5	4.76E-05
27	5	5.01E-05
28	5	5.10E-05
29	5	7.36E-05
30	5	7.78E-05
31	5	8.19E-05

Max	Receptor #
0.001	224



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	8.58E-05
33	5	8.96E-05
34	5	9.32E-05
35	5	9.68E-05
36	5	1.01E-04
37	5	1.05E-04
38	5	1.11E-04
39	5	1.18E-04
40	5	1.26E-04
41	5	1.37E-04
42	5	1.48E-04
43	5	1.59E-04
44	5	1.70E-04
45	5	1.80E-04
46	5	1.87E-04
47	5	1.92E-04
48	5	1.93E-04
49	5	1.92E-04
50	5	1.87E-04
51	5	5.15E-05
52	5	5.44E-05
53	5	5.56E-05
54	5	8.26E-05
55	5	8.80E-05
56	5	9.33E-05
57	5	9.84E-05
58	5	1.03E-04
59	5	1.08E-04
60	5	1.13E-04
61	5	1.18E-04
62	5	1.24E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	1.32E-04
64	5	1.41E-04
65	5	1.53E-04
66	5	1.67E-04
67	5	1.81E-04
68	5	1.96E-04
69	5	2.08E-04
70	5	2.18E-04
71	5	2.24E-04
72	5	2.26E-04
73	5	2.24E-04
74	5	2.18E-04
75	5	2.10E-04
76	5	5.59E-05
77	5	5.93E-05
78	5	6.09E-05
79	5	9.34E-05
80	5	1.00E-04
81	5	1.07E-04
82	5	1.14E-04
83	5	1.21E-04
84	5	1.27E-04
85	5	1.34E-04
86	5	1.41E-04
87	5	1.49E-04
88	5	1.60E-04
89	5	1.73E-04
90	5	1.89E-04
91	5	2.08E-04
92	5	2.27E-04
93	5	2.44E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	2.58E-04
95	5	2.66E-04
96	5	2.69E-04
97	5	2.66E-04
98	5	2.58E-04
99	5	2.46E-04
100	5	2.31E-04
101	5	6.08E-05
102	5	6.48E-05
103	5	6.71E-05
104	5	1.06E-04
105	5	1.15E-04
106	5	1.25E-04
107	5	1.34E-04
108	5	1.43E-04
109	5	1.52E-04
110	5	1.61E-04
111	5	1.72E-04
112	5	1.83E-04
113	5	1.98E-04
114	5	2.17E-04
115	5	2.41E-04
116	5	2.66E-04
117	5	2.90E-04
118	5	3.10E-04
119	5	3.22E-04
120	5	3.25E-04
121	5	3.21E-04
122	5	3.09E-04
123	5	2.92E-04
124	5	2.72E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	6.61E-05
126	5	7.09E-05
127	5	7.40E-05
128	5	1.34E-04
129	5	1.47E-04
130	5	1.60E-04
131	5	1.73E-04
132	5	1.85E-04
133	5	1.99E-04
134	5	2.13E-04
135	5	2.30E-04
136	5	2.52E-04
137	5	2.81E-04
138	5	3.16E-04
139	5	3.50E-04
140	5	3.79E-04
141	5	3.97E-04
142	5	4.02E-04
143	5	3.95E-04
144	5	3.78E-04
145	5	3.53E-04
146	5	3.25E-04
147	5	7.18E-05
148	5	7.76E-05
149	5	8.19E-05
150	5	1.58E-04
151	5	1.75E-04
152	5	1.94E-04
153	5	2.13E-04
154	5	2.31E-04
155	5	2.52E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	2.72E-04
157	5	2.98E-04
158	5	3.33E-04
159	5	3.79E-04
160	5	4.29E-04
161	5	4.72E-04
162	5	5.01E-04
163	5	5.10E-04
164	5	4.99E-04
165	5	4.72E-04
166	5	4.35E-04
167	5	3.94E-04
168	5	3.51E-04
169	5	7.80E-05
170	5	8.49E-05
171	5	9.09E-05
172	5	9.71E-05
173	5	1.88E-04
174	5	2.13E-04
175	5	2.40E-04
176	5	2.68E-04
177	5	2.98E-04
178	5	3.29E-04
179	5	3.61E-04
180	5	4.03E-04
181	5	4.62E-04
182	5	5.34E-04
183	5	5.49E-04
184	5	4.86E-04
185	5	9.26E-05
186	5	1.01E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	1.08E-04
188	5	2.27E-04
189	5	2.62E-04
190	5	3.03E-04
191	5	3.49E-04
192	5	3.99E-04
193	5	4.49E-04
194	5	5.02E-04
195	5	5.76E-04
196	5	6.80E-04
197	5	7.96E-04
198	5	1.10E-04
199	5	1.21E-04
200	5	1.21E-04
201	5	1.35E-04
202	5	1.50E-04
203	5	1.49E-04
204	5	1.70E-04
205	5	1.94E-04
206	5	1.89E-04
207	5	2.20E-04
208	5	2.60E-04
209	5	2.10E-04
210	5	2.50E-04
211	5	2.99E-04
212	5	2.82E-04
213	5	3.47E-04
214	5	4.29E-04
215	5	3.17E-04
216	5	3.95E-04
217	5	4.96E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	5.57E-04
219	5	7.32E-04
220	5	5.93E-04
221	5	7.56E-04
222	5	5.87E-04
223	5	7.22E-04
224	5	9.04E-04
225	5	6.44E-04
226	5	7.59E-04
227	5	1.20E-04
228	5	1.06E-04
229	5	9.49E-05
230	5	8.52E-05
231	5	1.08E-04
232	5	9.69E-05
233	5	8.71E-05
234	5	7.87E-05
235	5	9.81E-05
236	5	8.84E-05
237	5	8.00E-05
238	5	7.28E-05
239	5	8.80E-04
240	5	7.71E-04
241	5	6.76E-04
242	5	5.95E-04
243	5	7.35E-04
244	5	6.54E-04
245	5	5.82E-04
246	5	5.19E-04
247	5	6.22E-04
248	5	5.61E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	5.05E-04
250	5	4.55E-04
251	5	2.46E-04
252	5	2.29E-04
253	5	2.75E-04
254	5	2.57E-04
255	5	2.24E-04
256	5	2.09E-04
257	5	1.71E-04
258	5	2.47E-04
259	5	2.32E-04
260	5	2.18E-04
261	5	2.05E-04
262	5	1.92E-04
263	5	1.59E-04
264	5	2.11E-04
265	5	1.99E-04
266	5	1.88E-04
267	5	1.77E-04
268	5	1.48E-04
269	5	2.49E-04
270	5	2.08E-04
271	5	1.77E-04
272	5	1.52E-04
273	5	1.32E-04
274	5	1.16E-04
275	5	1.03E-04
276	5	2.20E-04
277	5	1.85E-04
278	5	1.58E-04
279	5	1.37E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	1.20E-04
281	5	1.06E-04
282	5	9.41E-05
283	5	1.94E-04
284	5	1.65E-04
285	5	1.42E-04
286	5	1.24E-04
287	5	1.09E-04
288	5	9.65E-05
289	5	8.64E-05
290	5	1.71E-04
291	5	1.47E-04
292	5	1.28E-04
293	5	1.12E-04
294	5	9.91E-05
295	5	8.85E-05
296	5	7.96E-05
297	5	1.52E-04
298	5	1.32E-04
299	5	1.15E-04
300	5	1.02E-04
301	5	9.09E-05
302	5	8.16E-05
303	5	7.38E-05
304	5	1.37E-04
305	5	1.19E-04
306	5	1.05E-04
307	5	9.36E-05
308	5	8.39E-05
309	5	7.57E-05
310	5	6.87E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	1.24E-04
312	5	1.09E-04
313	5	9.65E-05
314	5	8.64E-05
315	5	7.78E-05
316	5	7.05E-05
317	5	6.43E-05

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Parcel 7-H: Unmitigated - Parcel 7 - Architectural Coating Risk



**RINCON CONSULTANTS, INC.**  
Environmental Scientists | Planners | Engineers  
[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05856	8.92E-04	5.2E-05	1.05E-03	5.46E-08	8.61E-04	4.70E-11	1.0E+06	4.7E-05
2	0.06152	8.92E-04	5.5E-05	1.05E-03	5.74E-08	8.61E-04	4.94E-11	1.0E+06	4.9E-05
3	0.06252	8.92E-04	5.6E-05	1.05E-03	5.83E-08	8.61E-04	5.02E-11	1.0E+06	5.0E-05
4	0.08846	8.92E-04	7.9E-05	1.05E-03	8.25E-08	8.61E-04	7.10E-11	1.0E+06	7.1E-05
5	0.09301	8.92E-04	8.3E-05	1.05E-03	8.67E-08	8.61E-04	7.47E-11	1.0E+06	7.5E-05
6	0.09741	8.92E-04	8.7E-05	1.05E-03	9.08E-08	8.61E-04	7.82E-11	1.0E+06	7.8E-05
7	0.10161	8.92E-04	9.1E-05	1.05E-03	9.47E-08	8.61E-04	8.16E-11	1.0E+06	8.2E-05
8	0.10561	8.92E-04	9.4E-05	1.05E-03	9.85E-08	8.61E-04	8.48E-11	1.0E+06	8.5E-05
9	0.10947	8.92E-04	9.8E-05	1.05E-03	1.02E-07	8.61E-04	8.79E-11	1.0E+06	8.8E-05
10	0.11336	8.92E-04	1.0E-04	1.05E-03	1.06E-07	8.61E-04	9.10E-11	1.0E+06	9.1E-05
11	0.11755	8.92E-04	1.0E-04	1.05E-03	1.10E-07	8.61E-04	9.44E-11	1.0E+06	9.4E-05
12	0.12246	8.92E-04	1.1E-04	1.05E-03	1.14E-07	8.61E-04	9.83E-11	1.0E+06	9.8E-05
13	0.12872	8.92E-04	1.1E-04	1.05E-03	1.20E-07	8.61E-04	1.03E-10	1.0E+06	1.0E-04
14	0.13628	8.92E-04	1.2E-04	1.05E-03	1.27E-07	8.61E-04	1.09E-10	1.0E+06	1.1E-04
15	0.14547	8.92E-04	1.3E-04	1.05E-03	1.36E-07	8.61E-04	1.17E-10	1.0E+06	1.2E-04
16	0.1565	8.92E-04	1.4E-04	1.05E-03	1.46E-07	8.61E-04	1.26E-10	1.0E+06	1.3E-04
17	0.16878	8.92E-04	1.5E-04	1.05E-03	1.57E-07	8.61E-04	1.36E-10	1.0E+06	1.4E-04
18	0.18146	8.92E-04	1.6E-04	1.05E-03	1.69E-07	8.61E-04	1.46E-10	1.0E+06	1.5E-04
19	0.19386	8.92E-04	1.7E-04	1.05E-03	1.81E-07	8.61E-04	1.56E-10	1.0E+06	1.6E-04
20	0.20505	8.92E-04	1.8E-04	1.05E-03	1.91E-07	8.61E-04	1.65E-10	1.0E+06	1.6E-04
21	0.21419	8.92E-04	1.9E-04	1.05E-03	2.00E-07	8.61E-04	1.72E-10	1.0E+06	1.7E-04
22	0.22062	8.92E-04	2.0E-04	1.05E-03	2.06E-07	8.61E-04	1.77E-10	1.0E+06	1.8E-04
23	0.22396	8.92E-04	2.0E-04	1.05E-03	2.09E-07	8.61E-04	1.80E-10	1.0E+06	1.8E-04
24	0.22411	8.92E-04	2.0E-04	1.05E-03	2.09E-07	8.61E-04	1.80E-10	1.0E+06	1.8E-04
25	0.22126	8.92E-04	2.0E-04	1.05E-03	2.06E-07	8.61E-04	1.78E-10	1.0E+06	1.8E-04
26	0.06334	8.92E-04	5.7E-05	1.05E-03	5.91E-08	8.61E-04	5.09E-11	1.0E+06	5.1E-05
27	0.06672	8.92E-04	6.0E-05	1.05E-03	6.22E-08	8.61E-04	5.36E-11	1.0E+06	5.4E-05
28	0.06794	8.92E-04	6.1E-05	1.05E-03	6.33E-08	8.61E-04	5.45E-11	1.0E+06	5.5E-05
29	0.09899	8.92E-04	8.8E-05	1.05E-03	9.23E-08	8.61E-04	7.95E-11	1.0E+06	7.9E-05
30	0.10476	8.92E-04	9.3E-05	1.05E-03	9.77E-08	8.61E-04	8.41E-11	1.0E+06	8.4E-05
31	0.11042	8.92E-04	9.9E-05	1.05E-03	1.03E-07	8.61E-04	8.86E-11	1.0E+06	8.9E-05

<b>Max</b>	<b>Receptor #</b>
0.00095	197

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
32	0.11586	8.92E-04	1.0E-04	1.05E-03	1.08E-07	8.61E-04	9.30E-11	1.0E+06	9.3E-05
33	0.12102	8.92E-04	1.1E-04	1.05E-03	1.13E-07	8.61E-04	9.72E-11	1.0E+06	9.7E-05
34	0.126	8.92E-04	1.1E-04	1.05E-03	1.17E-07	8.61E-04	1.01E-10	1.0E+06	1.0E-04
35	0.13102	8.92E-04	1.2E-04	1.05E-03	1.22E-07	8.61E-04	1.05E-10	1.0E+06	1.1E-04
36	0.13641	8.92E-04	1.2E-04	1.05E-03	1.27E-07	8.61E-04	1.10E-10	1.0E+06	1.1E-04
37	0.14312	8.92E-04	1.3E-04	1.05E-03	1.33E-07	8.61E-04	1.15E-10	1.0E+06	1.1E-04
38	0.15146	8.92E-04	1.4E-04	1.05E-03	1.41E-07	8.61E-04	1.22E-10	1.0E+06	1.2E-04
39	0.16145	8.92E-04	1.4E-04	1.05E-03	1.51E-07	8.61E-04	1.30E-10	1.0E+06	1.3E-04
40	0.17389	8.92E-04	1.6E-04	1.05E-03	1.62E-07	8.61E-04	1.40E-10	1.0E+06	1.4E-04
41	0.18868	8.92E-04	1.7E-04	1.05E-03	1.76E-07	8.61E-04	1.51E-10	1.0E+06	1.5E-04
42	0.2045	8.92E-04	1.8E-04	1.05E-03	1.91E-07	8.61E-04	1.64E-10	1.0E+06	1.6E-04
43	0.22035	8.92E-04	2.0E-04	1.05E-03	2.05E-07	8.61E-04	1.77E-10	1.0E+06	1.8E-04
44	0.23497	8.92E-04	2.1E-04	1.05E-03	2.19E-07	8.61E-04	1.89E-10	1.0E+06	1.9E-04
45	0.24706	8.92E-04	2.2E-04	1.05E-03	2.30E-07	8.61E-04	1.98E-10	1.0E+06	2.0E-04
46	0.25559	8.92E-04	2.3E-04	1.05E-03	2.38E-07	8.61E-04	2.05E-10	1.0E+06	2.1E-04
47	0.25995	8.92E-04	2.3E-04	1.05E-03	2.42E-07	8.61E-04	2.09E-10	1.0E+06	2.1E-04
48	0.26002	8.92E-04	2.3E-04	1.05E-03	2.42E-07	8.61E-04	2.09E-10	1.0E+06	2.1E-04
49	0.25606	8.92E-04	2.3E-04	1.05E-03	2.39E-07	8.61E-04	2.06E-10	1.0E+06	2.1E-04
50	0.24865	8.92E-04	2.2E-04	1.05E-03	2.32E-07	8.61E-04	2.00E-10	1.0E+06	2.0E-04
51	0.06868	8.92E-04	6.1E-05	1.05E-03	6.40E-08	8.61E-04	5.51E-11	1.0E+06	5.5E-05
52	0.07264	8.92E-04	6.5E-05	1.05E-03	6.77E-08	8.61E-04	5.83E-11	1.0E+06	5.8E-05
53	0.07422	8.92E-04	6.6E-05	1.05E-03	6.92E-08	8.61E-04	5.96E-11	1.0E+06	6.0E-05
54	0.11153	8.92E-04	9.9E-05	1.05E-03	1.04E-07	8.61E-04	8.95E-11	1.0E+06	9.0E-05
55	0.11893	8.92E-04	1.1E-04	1.05E-03	1.11E-07	8.61E-04	9.55E-11	1.0E+06	9.5E-05
56	0.12628	8.92E-04	1.1E-04	1.05E-03	1.18E-07	8.61E-04	1.01E-10	1.0E+06	1.0E-04
57	0.13343	8.92E-04	1.2E-04	1.05E-03	1.24E-07	8.61E-04	1.07E-10	1.0E+06	1.1E-04
58	0.14025	8.92E-04	1.3E-04	1.05E-03	1.31E-07	8.61E-04	1.13E-10	1.0E+06	1.1E-04
59	0.14687	8.92E-04	1.3E-04	1.05E-03	1.37E-07	8.61E-04	1.18E-10	1.0E+06	1.2E-04
60	0.1535	8.92E-04	1.4E-04	1.05E-03	1.43E-07	8.61E-04	1.23E-10	1.0E+06	1.2E-04
61	0.16064	8.92E-04	1.4E-04	1.05E-03	1.50E-07	8.61E-04	1.29E-10	1.0E+06	1.3E-04
62	0.16982	8.92E-04	1.5E-04	1.05E-03	1.58E-07	8.61E-04	1.36E-10	1.0E+06	1.4E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.18098	8.92E-04	1.6E-04	1.05E-03	1.69E-07	8.61E-04	1.45E-10	1.0E+06	1.5E-04
64	0.19485	8.92E-04	1.7E-04	1.05E-03	1.82E-07	8.61E-04	1.56E-10	1.0E+06	1.6E-04
65	0.21202	8.92E-04	1.9E-04	1.05E-03	1.98E-07	8.61E-04	1.70E-10	1.0E+06	1.7E-04
66	0.23198	8.92E-04	2.1E-04	1.05E-03	2.16E-07	8.61E-04	1.86E-10	1.0E+06	1.9E-04
67	0.25245	8.92E-04	2.3E-04	1.05E-03	2.35E-07	8.61E-04	2.03E-10	1.0E+06	2.0E-04
68	0.27187	8.92E-04	2.4E-04	1.05E-03	2.53E-07	8.61E-04	2.18E-10	1.0E+06	2.2E-04
69	0.28823	8.92E-04	2.6E-04	1.05E-03	2.69E-07	8.61E-04	2.31E-10	1.0E+06	2.3E-04
70	0.29986	8.92E-04	2.7E-04	1.05E-03	2.80E-07	8.61E-04	2.41E-10	1.0E+06	2.4E-04
71	0.30577	8.92E-04	2.7E-04	1.05E-03	2.85E-07	8.61E-04	2.45E-10	1.0E+06	2.5E-04
72	0.30571	8.92E-04	2.7E-04	1.05E-03	2.85E-07	8.61E-04	2.45E-10	1.0E+06	2.5E-04
73	0.30014	8.92E-04	2.7E-04	1.05E-03	2.80E-07	8.61E-04	2.41E-10	1.0E+06	2.4E-04
74	0.28993	8.92E-04	2.6E-04	1.05E-03	2.70E-07	8.61E-04	2.33E-10	1.0E+06	2.3E-04
75	0.27621	8.92E-04	2.5E-04	1.05E-03	2.58E-07	8.61E-04	2.22E-10	1.0E+06	2.2E-04
76	0.07463	8.92E-04	6.7E-05	1.05E-03	6.96E-08	8.61E-04	5.99E-11	1.0E+06	6.0E-05
77	0.07932	8.92E-04	7.1E-05	1.05E-03	7.40E-08	8.61E-04	6.37E-11	1.0E+06	6.4E-05
78	0.08151	8.92E-04	7.3E-05	1.05E-03	7.60E-08	8.61E-04	6.54E-11	1.0E+06	6.5E-05
79	0.12658	8.92E-04	1.1E-04	1.05E-03	1.18E-07	8.61E-04	1.02E-10	1.0E+06	1.0E-04
80	0.13618	8.92E-04	1.2E-04	1.05E-03	1.27E-07	8.61E-04	1.09E-10	1.0E+06	1.1E-04
81	0.14588	8.92E-04	1.3E-04	1.05E-03	1.36E-07	8.61E-04	1.17E-10	1.0E+06	1.2E-04
82	0.15543	8.92E-04	1.4E-04	1.05E-03	1.45E-07	8.61E-04	1.25E-10	1.0E+06	1.2E-04
83	0.16469	8.92E-04	1.5E-04	1.05E-03	1.54E-07	8.61E-04	1.32E-10	1.0E+06	1.3E-04
84	0.17368	8.92E-04	1.5E-04	1.05E-03	1.62E-07	8.61E-04	1.39E-10	1.0E+06	1.4E-04
85	0.18268	8.92E-04	1.6E-04	1.05E-03	1.70E-07	8.61E-04	1.47E-10	1.0E+06	1.5E-04
86	0.1932	8.92E-04	1.7E-04	1.05E-03	1.80E-07	8.61E-04	1.55E-10	1.0E+06	1.6E-04
87	0.20548	8.92E-04	1.8E-04	1.05E-03	1.92E-07	8.61E-04	1.65E-10	1.0E+06	1.6E-04
88	0.22069	8.92E-04	2.0E-04	1.05E-03	2.06E-07	8.61E-04	1.77E-10	1.0E+06	1.8E-04
89	0.2405	8.92E-04	2.1E-04	1.05E-03	2.24E-07	8.61E-04	1.93E-10	1.0E+06	1.9E-04
90	0.26479	8.92E-04	2.4E-04	1.05E-03	2.47E-07	8.61E-04	2.13E-10	1.0E+06	2.1E-04
91	0.29168	8.92E-04	2.6E-04	1.05E-03	2.72E-07	8.61E-04	2.34E-10	1.0E+06	2.3E-04
92	0.31792	8.92E-04	2.8E-04	1.05E-03	2.96E-07	8.61E-04	2.55E-10	1.0E+06	2.6E-04
93	0.34062	8.92E-04	3.0E-04	1.05E-03	3.18E-07	8.61E-04	2.73E-10	1.0E+06	2.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
94	0.35698	8.92E-04	3.2E-04	1.05E-03	3.33E-07	8.61E-04	2.87E-10	1.0E+06	2.9E-04
95	0.36527	8.92E-04	3.3E-04	1.05E-03	3.41E-07	8.61E-04	2.93E-10	1.0E+06	2.9E-04
96	0.36506	8.92E-04	3.3E-04	1.05E-03	3.40E-07	8.61E-04	2.93E-10	1.0E+06	2.9E-04
97	0.35705	8.92E-04	3.2E-04	1.05E-03	3.33E-07	8.61E-04	2.87E-10	1.0E+06	2.9E-04
98	0.34269	8.92E-04	3.1E-04	1.05E-03	3.20E-07	8.61E-04	2.75E-10	1.0E+06	2.8E-04
99	0.32376	8.92E-04	2.9E-04	1.05E-03	3.02E-07	8.61E-04	2.60E-10	1.0E+06	2.6E-04
100	0.30201	8.92E-04	2.7E-04	1.05E-03	2.82E-07	8.61E-04	2.42E-10	1.0E+06	2.4E-04
101	0.0812	8.92E-04	7.2E-05	1.05E-03	7.57E-08	8.61E-04	6.52E-11	1.0E+06	6.5E-05
102	0.08681	8.92E-04	7.7E-05	1.05E-03	8.09E-08	8.61E-04	6.97E-11	1.0E+06	7.0E-05
103	0.0899	8.92E-04	8.0E-05	1.05E-03	8.38E-08	8.61E-04	7.22E-11	1.0E+06	7.2E-05
104	0.14486	8.92E-04	1.3E-04	1.05E-03	1.35E-07	8.61E-04	1.16E-10	1.0E+06	1.2E-04
105	0.15745	8.92E-04	1.4E-04	1.05E-03	1.47E-07	8.61E-04	1.26E-10	1.0E+06	1.3E-04
106	0.17049	8.92E-04	1.5E-04	1.05E-03	1.59E-07	8.61E-04	1.37E-10	1.0E+06	1.4E-04
107	0.18358	8.92E-04	1.6E-04	1.05E-03	1.71E-07	8.61E-04	1.47E-10	1.0E+06	1.5E-04
108	0.19644	8.92E-04	1.8E-04	1.05E-03	1.83E-07	8.61E-04	1.58E-10	1.0E+06	1.6E-04
109	0.20894	8.92E-04	1.9E-04	1.05E-03	1.95E-07	8.61E-04	1.68E-10	1.0E+06	1.7E-04
110	0.2217	8.92E-04	2.0E-04	1.05E-03	2.07E-07	8.61E-04	1.78E-10	1.0E+06	1.8E-04
111	0.23684	8.92E-04	2.1E-04	1.05E-03	2.21E-07	8.61E-04	1.90E-10	1.0E+06	1.9E-04
112	0.2536	8.92E-04	2.3E-04	1.05E-03	2.36E-07	8.61E-04	2.04E-10	1.0E+06	2.0E-04
113	0.27594	8.92E-04	2.5E-04	1.05E-03	2.57E-07	8.61E-04	2.22E-10	1.0E+06	2.2E-04
114	0.30511	8.92E-04	2.7E-04	1.05E-03	2.84E-07	8.61E-04	2.45E-10	1.0E+06	2.4E-04
115	0.33987	8.92E-04	3.0E-04	1.05E-03	3.17E-07	8.61E-04	2.73E-10	1.0E+06	2.7E-04
116	0.37607	8.92E-04	3.4E-04	1.05E-03	3.51E-07	8.61E-04	3.02E-10	1.0E+06	3.0E-04
117	0.40843	8.92E-04	3.6E-04	1.05E-03	3.81E-07	8.61E-04	3.28E-10	1.0E+06	3.3E-04
118	0.43228	8.92E-04	3.9E-04	1.05E-03	4.03E-07	8.61E-04	3.47E-10	1.0E+06	3.5E-04
119	0.44443	8.92E-04	4.0E-04	1.05E-03	4.14E-07	8.61E-04	3.57E-10	1.0E+06	3.6E-04
120	0.44404	8.92E-04	4.0E-04	1.05E-03	4.14E-07	8.61E-04	3.56E-10	1.0E+06	3.6E-04
121	0.43226	8.92E-04	3.9E-04	1.05E-03	4.03E-07	8.61E-04	3.47E-10	1.0E+06	3.5E-04
122	0.41155	8.92E-04	3.7E-04	1.05E-03	3.84E-07	8.61E-04	3.30E-10	1.0E+06	3.3E-04
123	0.3848	8.92E-04	3.4E-04	1.05E-03	3.59E-07	8.61E-04	3.09E-10	1.0E+06	3.1E-04
124	0.35474	8.92E-04	3.2E-04	1.05E-03	3.31E-07	8.61E-04	2.85E-10	1.0E+06	2.8E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
125	0.08838	8.92E-04	7.9E-05	1.05E-03	8.24E-08	8.61E-04	7.10E-11	1.0E+06	7.1E-05
126	0.09507	8.92E-04	8.5E-05	1.05E-03	8.86E-08	8.61E-04	7.63E-11	1.0E+06	7.6E-05
127	0.09933	8.92E-04	8.9E-05	1.05E-03	9.26E-08	8.61E-04	7.97E-11	1.0E+06	8.0E-05
128	0.18405	8.92E-04	1.6E-04	1.05E-03	1.72E-07	8.61E-04	1.48E-10	1.0E+06	1.5E-04
129	0.2019	8.92E-04	1.8E-04	1.05E-03	1.88E-07	8.61E-04	1.62E-10	1.0E+06	1.6E-04
130	0.22032	8.92E-04	2.0E-04	1.05E-03	2.05E-07	8.61E-04	1.77E-10	1.0E+06	1.8E-04
131	0.23863	8.92E-04	2.1E-04	1.05E-03	2.22E-07	8.61E-04	1.92E-10	1.0E+06	1.9E-04
132	0.25658	8.92E-04	2.3E-04	1.05E-03	2.39E-07	8.61E-04	2.06E-10	1.0E+06	2.1E-04
133	0.27576	8.92E-04	2.5E-04	1.05E-03	2.57E-07	8.61E-04	2.21E-10	1.0E+06	2.2E-04
134	0.29664	8.92E-04	2.6E-04	1.05E-03	2.77E-07	8.61E-04	2.38E-10	1.0E+06	2.4E-04
135	0.32167	8.92E-04	2.9E-04	1.05E-03	3.00E-07	8.61E-04	2.58E-10	1.0E+06	2.6E-04
136	0.35588	8.92E-04	3.2E-04	1.05E-03	3.32E-07	8.61E-04	2.86E-10	1.0E+06	2.9E-04
137	0.40018	8.92E-04	3.6E-04	1.05E-03	3.73E-07	8.61E-04	3.21E-10	1.0E+06	3.2E-04
138	0.45042	8.92E-04	4.0E-04	1.05E-03	4.20E-07	8.61E-04	3.62E-10	1.0E+06	3.6E-04
139	0.49783	8.92E-04	4.4E-04	1.05E-03	4.64E-07	8.61E-04	4.00E-10	1.0E+06	4.0E-04
140	0.53403	8.92E-04	4.8E-04	1.05E-03	4.98E-07	8.61E-04	4.29E-10	1.0E+06	4.3E-04
141	0.55279	8.92E-04	4.9E-04	1.05E-03	5.15E-07	8.61E-04	4.44E-10	1.0E+06	4.4E-04
142	0.55223	8.92E-04	4.9E-04	1.05E-03	5.15E-07	8.61E-04	4.43E-10	1.0E+06	4.4E-04
143	0.53439	8.92E-04	4.8E-04	1.05E-03	4.98E-07	8.61E-04	4.29E-10	1.0E+06	4.3E-04
144	0.50358	8.92E-04	4.5E-04	1.05E-03	4.70E-07	8.61E-04	4.04E-10	1.0E+06	4.0E-04
145	0.46474	8.92E-04	4.1E-04	1.05E-03	4.33E-07	8.61E-04	3.73E-10	1.0E+06	3.7E-04
146	0.42225	8.92E-04	3.8E-04	1.05E-03	3.94E-07	8.61E-04	3.39E-10	1.0E+06	3.4E-04
147	0.09615	8.92E-04	8.6E-05	1.05E-03	8.96E-08	8.61E-04	7.72E-11	1.0E+06	7.7E-05
148	0.10418	8.92E-04	9.3E-05	1.05E-03	9.71E-08	8.61E-04	8.36E-11	1.0E+06	8.4E-05
149	0.11017	8.92E-04	9.8E-05	1.05E-03	1.03E-07	8.61E-04	8.84E-11	1.0E+06	8.8E-05
150	0.21781	8.92E-04	1.9E-04	1.05E-03	2.03E-07	8.61E-04	1.75E-10	1.0E+06	1.7E-04
151	0.24265	8.92E-04	2.2E-04	1.05E-03	2.26E-07	8.61E-04	1.95E-10	1.0E+06	1.9E-04
152	0.26918	8.92E-04	2.4E-04	1.05E-03	2.51E-07	8.61E-04	2.16E-10	1.0E+06	2.2E-04
153	0.29625	8.92E-04	2.6E-04	1.05E-03	2.76E-07	8.61E-04	2.38E-10	1.0E+06	2.4E-04
154	0.32308	8.92E-04	2.9E-04	1.05E-03	3.01E-07	8.61E-04	2.59E-10	1.0E+06	2.6E-04
155	0.35318	8.92E-04	3.2E-04	1.05E-03	3.29E-07	8.61E-04	2.84E-10	1.0E+06	2.8E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.38313	8.92E-04	3.4E-04	1.05E-03	3.57E-07	8.61E-04	3.08E-10	1.0E+06	3.1E-04
157	0.42244	8.92E-04	3.8E-04	1.05E-03	3.94E-07	8.61E-04	3.39E-10	1.0E+06	3.4E-04
158	0.47745	8.92E-04	4.3E-04	1.05E-03	4.45E-07	8.61E-04	3.83E-10	1.0E+06	3.8E-04
159	0.54663	8.92E-04	4.9E-04	1.05E-03	5.10E-07	8.61E-04	4.39E-10	1.0E+06	4.4E-04
160	0.61802	8.92E-04	5.5E-04	1.05E-03	5.76E-07	8.61E-04	4.96E-10	1.0E+06	5.0E-04
161	0.67523	8.92E-04	6.0E-04	1.05E-03	6.30E-07	8.61E-04	5.42E-10	1.0E+06	5.4E-04
162	0.70619	8.92E-04	6.3E-04	1.05E-03	6.58E-07	8.61E-04	5.67E-10	1.0E+06	5.7E-04
163	0.70581	8.92E-04	6.3E-04	1.05E-03	6.58E-07	8.61E-04	5.67E-10	1.0E+06	5.7E-04
164	0.67776	8.92E-04	6.0E-04	1.05E-03	6.32E-07	8.61E-04	5.44E-10	1.0E+06	5.4E-04
165	0.63017	8.92E-04	5.6E-04	1.05E-03	5.88E-07	8.61E-04	5.06E-10	1.0E+06	5.1E-04
166	0.57188	8.92E-04	5.1E-04	1.05E-03	5.33E-07	8.61E-04	4.59E-10	1.0E+06	4.6E-04
167	0.51016	8.92E-04	4.6E-04	1.05E-03	4.76E-07	8.61E-04	4.10E-10	1.0E+06	4.1E-04
168	0.45002	8.92E-04	4.0E-04	1.05E-03	4.20E-07	8.61E-04	3.61E-10	1.0E+06	3.6E-04
169	0.10446	8.92E-04	9.3E-05	1.05E-03	9.74E-08	8.61E-04	8.39E-11	1.0E+06	8.4E-05
170	0.11404	8.92E-04	1.0E-04	1.05E-03	1.06E-07	8.61E-04	9.16E-11	1.0E+06	9.2E-05
171	0.12249	8.92E-04	1.1E-04	1.05E-03	1.14E-07	8.61E-04	9.83E-11	1.0E+06	9.8E-05
172	0.13122	8.92E-04	1.2E-04	1.05E-03	1.22E-07	8.61E-04	1.05E-10	1.0E+06	1.1E-04
173	0.26128	8.92E-04	2.3E-04	1.05E-03	2.44E-07	8.61E-04	2.10E-10	1.0E+06	2.1E-04
174	0.29662	8.92E-04	2.6E-04	1.05E-03	2.77E-07	8.61E-04	2.38E-10	1.0E+06	2.4E-04
175	0.33607	8.92E-04	3.0E-04	1.05E-03	3.13E-07	8.61E-04	2.70E-10	1.0E+06	2.7E-04
176	0.37763	8.92E-04	3.4E-04	1.05E-03	3.52E-07	8.61E-04	3.03E-10	1.0E+06	3.0E-04
177	0.42097	8.92E-04	3.8E-04	1.05E-03	3.93E-07	8.61E-04	3.38E-10	1.0E+06	3.4E-04
178	0.46692	8.92E-04	4.2E-04	1.05E-03	4.35E-07	8.61E-04	3.75E-10	1.0E+06	3.7E-04
179	0.51481	8.92E-04	4.6E-04	1.05E-03	4.80E-07	8.61E-04	4.13E-10	1.0E+06	4.1E-04
180	0.58091	8.92E-04	5.2E-04	1.05E-03	5.42E-07	8.61E-04	4.66E-10	1.0E+06	4.7E-04
181	0.67381	8.92E-04	6.0E-04	1.05E-03	6.28E-07	8.61E-04	5.41E-10	1.0E+06	5.4E-04
182	0.783	8.92E-04	7.0E-04	1.05E-03	7.30E-07	8.61E-04	6.29E-10	1.0E+06	6.3E-04
183	0.71946	8.92E-04	6.4E-04	1.05E-03	6.71E-07	8.61E-04	5.78E-10	1.0E+06	5.8E-04
184	0.62689	8.92E-04	5.6E-04	1.05E-03	5.85E-07	8.61E-04	5.03E-10	1.0E+06	5.0E-04
185	0.12456	8.92E-04	1.1E-04	1.05E-03	1.16E-07	8.61E-04	1.00E-10	1.0E+06	1.0E-04
186	0.13586	8.92E-04	1.2E-04	1.05E-03	1.27E-07	8.61E-04	1.09E-10	1.0E+06	1.1E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
187	0.14663	8.92E-04	1.3E-04	1.05E-03	1.37E-07	8.61E-04	1.18E-10	1.0E+06	1.2E-04
188	0.31783	8.92E-04	2.8E-04	1.05E-03	2.96E-07	8.61E-04	2.55E-10	1.0E+06	2.6E-04
189	0.3694	8.92E-04	3.3E-04	1.05E-03	3.44E-07	8.61E-04	2.97E-10	1.0E+06	3.0E-04
190	0.42998	8.92E-04	3.8E-04	1.05E-03	4.01E-07	8.61E-04	3.45E-10	1.0E+06	3.5E-04
191	0.49744	8.92E-04	4.4E-04	1.05E-03	4.64E-07	8.61E-04	3.99E-10	1.0E+06	4.0E-04
192	0.57291	8.92E-04	5.1E-04	1.05E-03	5.34E-07	8.61E-04	4.60E-10	1.0E+06	4.6E-04
193	0.64634	8.92E-04	5.8E-04	1.05E-03	6.03E-07	8.61E-04	5.19E-10	1.0E+06	5.2E-04
194	0.72942	8.92E-04	6.5E-04	1.05E-03	6.80E-07	8.61E-04	5.86E-10	1.0E+06	5.9E-04
195	0.84914	8.92E-04	7.6E-04	1.05E-03	7.92E-07	8.61E-04	6.82E-10	1.0E+06	6.8E-04
196	1.0146	8.92E-04	9.1E-04	1.05E-03	9.46E-07	8.61E-04	8.15E-10	1.0E+06	8.1E-04
197	1.18332	8.92E-04	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.50E-10	1.0E+06	9.5E-04
198	0.14878	8.92E-04	1.3E-04	1.05E-03	1.39E-07	8.61E-04	1.19E-10	1.0E+06	1.2E-04
199	0.16446	8.92E-04	1.5E-04	1.05E-03	1.53E-07	8.61E-04	1.32E-10	1.0E+06	1.3E-04
200	0.16295	8.92E-04	1.5E-04	1.05E-03	1.52E-07	8.61E-04	1.31E-10	1.0E+06	1.3E-04
201	0.18327	8.92E-04	1.6E-04	1.05E-03	1.71E-07	8.61E-04	1.47E-10	1.0E+06	1.5E-04
202	0.20408	8.92E-04	1.8E-04	1.05E-03	1.90E-07	8.61E-04	1.64E-10	1.0E+06	1.6E-04
203	0.20188	8.92E-04	1.8E-04	1.05E-03	1.88E-07	8.61E-04	1.62E-10	1.0E+06	1.6E-04
204	0.23169	8.92E-04	2.1E-04	1.05E-03	2.16E-07	8.61E-04	1.86E-10	1.0E+06	1.9E-04
205	0.26577	8.92E-04	2.4E-04	1.05E-03	2.48E-07	8.61E-04	2.13E-10	1.0E+06	2.1E-04
206	0.25871	8.92E-04	2.3E-04	1.05E-03	2.41E-07	8.61E-04	2.08E-10	1.0E+06	2.1E-04
207	0.30266	8.92E-04	2.7E-04	1.05E-03	2.82E-07	8.61E-04	2.43E-10	1.0E+06	2.4E-04
208	0.35964	8.92E-04	3.2E-04	1.05E-03	3.35E-07	8.61E-04	2.89E-10	1.0E+06	2.9E-04
209	0.28787	8.92E-04	2.6E-04	1.05E-03	2.68E-07	8.61E-04	2.31E-10	1.0E+06	2.3E-04
210	0.34495	8.92E-04	3.1E-04	1.05E-03	3.22E-07	8.61E-04	2.77E-10	1.0E+06	2.8E-04
211	0.41495	8.92E-04	3.7E-04	1.05E-03	3.87E-07	8.61E-04	3.33E-10	1.0E+06	3.3E-04
212	0.39007	8.92E-04	3.5E-04	1.05E-03	3.64E-07	8.61E-04	3.13E-10	1.0E+06	3.1E-04
213	0.48349	8.92E-04	4.3E-04	1.05E-03	4.51E-07	8.61E-04	3.88E-10	1.0E+06	3.9E-04
214	0.60341	8.92E-04	5.4E-04	1.05E-03	5.63E-07	8.61E-04	4.84E-10	1.0E+06	4.8E-04
215	0.43888	8.92E-04	3.9E-04	1.05E-03	4.09E-07	8.61E-04	3.52E-10	1.0E+06	3.5E-04
216	0.55013	8.92E-04	4.9E-04	1.05E-03	5.13E-07	8.61E-04	4.42E-10	1.0E+06	4.4E-04
217	0.69589	8.92E-04	6.2E-04	1.05E-03	6.49E-07	8.61E-04	5.59E-10	1.0E+06	5.6E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
218	0.77234	8.92E-04	6.9E-04	1.05E-03	7.20E-07	8.61E-04	6.20E-10	1.0E+06	6.2E-04
219	1.0184	8.92E-04	9.1E-04	1.05E-03	9.50E-07	8.61E-04	8.18E-10	1.0E+06	8.2E-04
220	0.80422	8.92E-04	7.2E-04	1.05E-03	7.50E-07	8.61E-04	6.46E-10	1.0E+06	6.5E-04
221	1.02062	8.92E-04	9.1E-04	1.05E-03	9.52E-07	8.61E-04	8.19E-10	1.0E+06	8.2E-04
222	0.77495	8.92E-04	6.9E-04	1.05E-03	7.23E-07	8.61E-04	6.22E-10	1.0E+06	6.2E-04
223	0.9424	8.92E-04	8.4E-04	1.05E-03	8.79E-07	8.61E-04	7.57E-10	1.0E+06	7.6E-04
224	1.15827	8.92E-04	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.30E-10	1.0E+06	9.3E-04
225	0.81784	8.92E-04	7.3E-04	1.05E-03	7.63E-07	8.61E-04	6.57E-10	1.0E+06	6.6E-04
226	0.94502	8.92E-04	8.4E-04	1.05E-03	8.81E-07	8.61E-04	7.59E-10	1.0E+06	7.6E-04
227	0.14589	8.92E-04	1.3E-04	1.05E-03	1.36E-07	8.61E-04	1.17E-10	1.0E+06	1.2E-04
228	0.1298	8.92E-04	1.2E-04	1.05E-03	1.21E-07	8.61E-04	1.04E-10	1.0E+06	1.0E-04
229	0.11623	8.92E-04	1.0E-04	1.05E-03	1.08E-07	8.61E-04	9.33E-11	1.0E+06	9.3E-05
230	0.10469	8.92E-04	9.3E-05	1.05E-03	9.76E-08	8.61E-04	8.40E-11	1.0E+06	8.4E-05
231	0.13205	8.92E-04	1.2E-04	1.05E-03	1.23E-07	8.61E-04	1.06E-10	1.0E+06	1.1E-04
232	0.11846	8.92E-04	1.1E-04	1.05E-03	1.10E-07	8.61E-04	9.51E-11	1.0E+06	9.5E-05
233	0.10685	8.92E-04	9.5E-05	1.05E-03	9.96E-08	8.61E-04	8.58E-11	1.0E+06	8.6E-05
234	0.09686	8.92E-04	8.6E-05	1.05E-03	9.03E-08	8.61E-04	7.78E-11	1.0E+06	7.8E-05
235	0.11983	8.92E-04	1.1E-04	1.05E-03	1.12E-07	8.61E-04	9.62E-11	1.0E+06	9.6E-05
236	0.10834	8.92E-04	9.7E-05	1.05E-03	1.01E-07	8.61E-04	8.70E-11	1.0E+06	8.7E-05
237	0.09838	8.92E-04	8.8E-05	1.05E-03	9.17E-08	8.61E-04	7.90E-11	1.0E+06	7.9E-05
238	0.08973	8.92E-04	8.0E-05	1.05E-03	8.37E-08	8.61E-04	7.20E-11	1.0E+06	7.2E-05
239	0.94795	8.92E-04	8.5E-04	1.05E-03	8.84E-07	8.61E-04	7.61E-10	1.0E+06	7.6E-04
240	0.84034	8.92E-04	7.5E-04	1.05E-03	7.84E-07	8.61E-04	6.75E-10	1.0E+06	6.7E-04
241	0.74566	8.92E-04	6.7E-04	1.05E-03	6.95E-07	8.61E-04	5.99E-10	1.0E+06	6.0E-04
242	0.66293	8.92E-04	5.9E-04	1.05E-03	6.18E-07	8.61E-04	5.32E-10	1.0E+06	5.3E-04
243	0.80452	8.92E-04	7.2E-04	1.05E-03	7.50E-07	8.61E-04	6.46E-10	1.0E+06	6.5E-04
244	0.72278	8.92E-04	6.4E-04	1.05E-03	6.74E-07	8.61E-04	5.80E-10	1.0E+06	5.8E-04
245	0.64923	8.92E-04	5.8E-04	1.05E-03	6.05E-07	8.61E-04	5.21E-10	1.0E+06	5.2E-04
246	0.58356	8.92E-04	5.2E-04	1.05E-03	5.44E-07	8.61E-04	4.69E-10	1.0E+06	4.7E-04
247	0.69011	8.92E-04	6.2E-04	1.05E-03	6.43E-07	8.61E-04	5.54E-10	1.0E+06	5.5E-04
248	0.62698	8.92E-04	5.6E-04	1.05E-03	5.85E-07	8.61E-04	5.03E-10	1.0E+06	5.0E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
249	0.56909	8.92E-04	5.1E-04	1.05E-03	5.31E-07	8.61E-04	4.57E-10	1.0E+06	4.6E-04
250	0.51638	8.92E-04	4.6E-04	1.05E-03	4.81E-07	8.61E-04	4.15E-10	1.0E+06	4.1E-04
251	0.2892	8.92E-04	2.6E-04	1.05E-03	2.70E-07	8.61E-04	2.32E-10	1.0E+06	2.3E-04
252	0.26956	8.92E-04	2.4E-04	1.05E-03	2.51E-07	8.61E-04	2.16E-10	1.0E+06	2.2E-04
253	0.32104	8.92E-04	2.9E-04	1.05E-03	2.99E-07	8.61E-04	2.58E-10	1.0E+06	2.6E-04
254	0.30128	8.92E-04	2.7E-04	1.05E-03	2.81E-07	8.61E-04	2.42E-10	1.0E+06	2.4E-04
255	0.2646	8.92E-04	2.4E-04	1.05E-03	2.47E-07	8.61E-04	2.12E-10	1.0E+06	2.1E-04
256	0.2478	8.92E-04	2.2E-04	1.05E-03	2.31E-07	8.61E-04	1.99E-10	1.0E+06	2.0E-04
257	0.20399	8.92E-04	1.8E-04	1.05E-03	1.90E-07	8.61E-04	1.64E-10	1.0E+06	1.6E-04
258	0.29057	8.92E-04	2.6E-04	1.05E-03	2.71E-07	8.61E-04	2.33E-10	1.0E+06	2.3E-04
259	0.27395	8.92E-04	2.4E-04	1.05E-03	2.55E-07	8.61E-04	2.20E-10	1.0E+06	2.2E-04
260	0.25798	8.92E-04	2.3E-04	1.05E-03	2.41E-07	8.61E-04	2.07E-10	1.0E+06	2.1E-04
261	0.24278	8.92E-04	2.2E-04	1.05E-03	2.26E-07	8.61E-04	1.95E-10	1.0E+06	1.9E-04
262	0.22836	8.92E-04	2.0E-04	1.05E-03	2.13E-07	8.61E-04	1.83E-10	1.0E+06	1.8E-04
263	0.19017	8.92E-04	1.7E-04	1.05E-03	1.77E-07	8.61E-04	1.53E-10	1.0E+06	1.5E-04
264	0.24997	8.92E-04	2.2E-04	1.05E-03	2.33E-07	8.61E-04	2.01E-10	1.0E+06	2.0E-04
265	0.23641	8.92E-04	2.1E-04	1.05E-03	2.20E-07	8.61E-04	1.90E-10	1.0E+06	1.9E-04
266	0.22339	8.92E-04	2.0E-04	1.05E-03	2.08E-07	8.61E-04	1.79E-10	1.0E+06	1.8E-04
267	0.21095	8.92E-04	1.9E-04	1.05E-03	1.97E-07	8.61E-04	1.69E-10	1.0E+06	1.7E-04
268	0.17762	8.92E-04	1.6E-04	1.05E-03	1.66E-07	8.61E-04	1.43E-10	1.0E+06	1.4E-04
269	0.29722	8.92E-04	2.7E-04	1.05E-03	2.77E-07	8.61E-04	2.39E-10	1.0E+06	2.4E-04
270	0.24988	8.92E-04	2.2E-04	1.05E-03	2.33E-07	8.61E-04	2.01E-10	1.0E+06	2.0E-04
271	0.21305	8.92E-04	1.9E-04	1.05E-03	1.99E-07	8.61E-04	1.71E-10	1.0E+06	1.7E-04
272	0.18386	8.92E-04	1.6E-04	1.05E-03	1.71E-07	8.61E-04	1.48E-10	1.0E+06	1.5E-04
273	0.16039	8.92E-04	1.4E-04	1.05E-03	1.50E-07	8.61E-04	1.29E-10	1.0E+06	1.3E-04
274	0.14127	8.92E-04	1.3E-04	1.05E-03	1.32E-07	8.61E-04	1.13E-10	1.0E+06	1.1E-04
275	0.1255	8.92E-04	1.1E-04	1.05E-03	1.17E-07	8.61E-04	1.01E-10	1.0E+06	1.0E-04
276	0.2622	8.92E-04	2.3E-04	1.05E-03	2.44E-07	8.61E-04	2.11E-10	1.0E+06	2.1E-04
277	0.22223	8.92E-04	2.0E-04	1.05E-03	2.07E-07	8.61E-04	1.78E-10	1.0E+06	1.8E-04
278	0.19088	8.92E-04	1.7E-04	1.05E-03	1.78E-07	8.61E-04	1.53E-10	1.0E+06	1.5E-04
279	0.16585	8.92E-04	1.5E-04	1.05E-03	1.55E-07	8.61E-04	1.33E-10	1.0E+06	1.3E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 7 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
280	0.14558	8.92E-04	1.3E-04	1.05E-03	1.36E-07	8.61E-04	1.17E-10	1.0E+06	1.2E-04
281	0.12897	8.92E-04	1.2E-04	1.05E-03	1.20E-07	8.61E-04	1.04E-10	1.0E+06	1.0E-04
282	0.11516	8.92E-04	1.0E-04	1.05E-03	1.07E-07	8.61E-04	9.25E-11	1.0E+06	9.2E-05
283	0.23111	8.92E-04	2.1E-04	1.05E-03	2.15E-07	8.61E-04	1.86E-10	1.0E+06	1.9E-04
284	0.19775	8.92E-04	1.8E-04	1.05E-03	1.84E-07	8.61E-04	1.59E-10	1.0E+06	1.6E-04
285	0.17128	8.92E-04	1.5E-04	1.05E-03	1.60E-07	8.61E-04	1.38E-10	1.0E+06	1.4E-04
286	0.14993	8.92E-04	1.3E-04	1.05E-03	1.40E-07	8.61E-04	1.20E-10	1.0E+06	1.2E-04
287	0.13248	8.92E-04	1.2E-04	1.05E-03	1.24E-07	8.61E-04	1.06E-10	1.0E+06	1.1E-04
288	0.11804	8.92E-04	1.1E-04	1.05E-03	1.10E-07	8.61E-04	9.48E-11	1.0E+06	9.5E-05
289	0.10597	8.92E-04	9.5E-05	1.05E-03	9.88E-08	8.61E-04	8.51E-11	1.0E+06	8.5E-05
290	0.20491	8.92E-04	1.8E-04	1.05E-03	1.91E-07	8.61E-04	1.65E-10	1.0E+06	1.6E-04
291	0.17698	8.92E-04	1.6E-04	1.05E-03	1.65E-07	8.61E-04	1.42E-10	1.0E+06	1.4E-04
292	0.15454	8.92E-04	1.4E-04	1.05E-03	1.44E-07	8.61E-04	1.24E-10	1.0E+06	1.2E-04
293	0.13624	8.92E-04	1.2E-04	1.05E-03	1.27E-07	8.61E-04	1.09E-10	1.0E+06	1.1E-04
294	0.12114	8.92E-04	1.1E-04	1.05E-03	1.13E-07	8.61E-04	9.73E-11	1.0E+06	9.7E-05
295	0.10854	8.92E-04	9.7E-05	1.05E-03	1.01E-07	8.61E-04	8.71E-11	1.0E+06	8.7E-05
296	0.09793	8.92E-04	8.7E-05	1.05E-03	9.13E-08	8.61E-04	7.86E-11	1.0E+06	7.9E-05
297	0.18332	8.92E-04	1.6E-04	1.05E-03	1.71E-07	8.61E-04	1.47E-10	1.0E+06	1.5E-04
298	0.15967	8.92E-04	1.4E-04	1.05E-03	1.49E-07	8.61E-04	1.28E-10	1.0E+06	1.3E-04
299	0.14044	8.92E-04	1.3E-04	1.05E-03	1.31E-07	8.61E-04	1.13E-10	1.0E+06	1.1E-04
300	0.12462	8.92E-04	1.1E-04	1.05E-03	1.16E-07	8.61E-04	1.00E-10	1.0E+06	1.0E-04
301	0.11144	8.92E-04	9.9E-05	1.05E-03	1.04E-07	8.61E-04	8.95E-11	1.0E+06	8.9E-05
302	0.10036	8.92E-04	9.0E-05	1.05E-03	9.36E-08	8.61E-04	8.06E-11	1.0E+06	8.1E-05
303	0.09095	8.92E-04	8.1E-05	1.05E-03	8.48E-08	8.61E-04	7.30E-11	1.0E+06	7.3E-05
304	0.16534	8.92E-04	1.5E-04	1.05E-03	1.54E-07	8.61E-04	1.33E-10	1.0E+06	1.3E-04
305	0.14512	8.92E-04	1.3E-04	1.05E-03	1.35E-07	8.61E-04	1.17E-10	1.0E+06	1.2E-04
306	0.12851	8.92E-04	1.1E-04	1.05E-03	1.20E-07	8.61E-04	1.03E-10	1.0E+06	1.0E-04
307	0.1147	8.92E-04	1.0E-04	1.05E-03	1.07E-07	8.61E-04	9.21E-11	1.0E+06	9.2E-05
308	0.10311	8.92E-04	9.2E-05	1.05E-03	9.61E-08	8.61E-04	8.28E-11	1.0E+06	8.3E-05
309	0.09329	8.92E-04	8.3E-05	1.05E-03	8.70E-08	8.61E-04	7.49E-11	1.0E+06	7.5E-05
310	0.0849	8.92E-04	7.6E-05	1.05E-03	7.92E-08	8.61E-04	6.82E-11	1.0E+06	6.8E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.15009	8.92E-04	1.3E-04	1.05E-03	1.40E-07	8.61E-04	1.20E-10	1.0E+06	1.2E-04
312	0.13268	8.92E-04	1.2E-04	1.05E-03	1.24E-07	8.61E-04	1.07E-10	1.0E+06	1.1E-04
313	0.11824	8.92E-04	1.1E-04	1.05E-03	1.10E-07	8.61E-04	9.49E-11	1.0E+06	9.5E-05
314	0.10612	8.92E-04	9.5E-05	1.05E-03	9.89E-08	8.61E-04	8.52E-11	1.0E+06	8.5E-05
315	0.09586	8.92E-04	8.6E-05	1.05E-03	8.94E-08	8.61E-04	7.70E-11	1.0E+06	7.7E-05
316	0.08711	8.92E-04	7.8E-05	1.05E-03	8.12E-08	8.61E-04	6.99E-11	1.0E+06	7.0E-05
317	0.07957	8.92E-04	7.1E-05	1.05E-03	7.42E-08	8.61E-04	6.39E-11	1.0E+06	6.4E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Architectural Coating Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	1.04E-05
2	5	1.10E-05
3	5	1.12E-05
4	5	1.58E-05
5	5	1.66E-05
6	5	1.74E-05
7	5	1.81E-05
8	5	1.88E-05
9	5	1.95E-05
10	5	2.02E-05
11	5	2.10E-05
12	5	2.18E-05
13	5	2.30E-05
14	5	2.43E-05
15	5	2.60E-05
16	5	2.79E-05
17	5	3.01E-05
18	5	3.24E-05
19	5	3.46E-05
20	5	3.66E-05
21	5	3.82E-05
22	5	3.94E-05
23	5	4.00E-05
24	5	4.00E-05
25	5	3.95E-05
26	5	1.13E-05
27	5	1.19E-05
28	5	1.21E-05
29	5	1.77E-05
30	5	1.87E-05
31	5	1.97E-05

Max	Receptor #
0.00021	197

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
32	5	2.07E-05
33	5	2.16E-05
34	5	2.25E-05
35	5	2.34E-05
36	5	2.43E-05
37	5	2.55E-05
38	5	2.70E-05
39	5	2.88E-05
40	5	3.10E-05
41	5	3.37E-05
42	5	3.65E-05
43	5	3.93E-05
44	5	4.19E-05
45	5	4.41E-05
46	5	4.56E-05
47	5	4.64E-05
48	5	4.64E-05
49	5	4.57E-05
50	5	4.44E-05
51	5	1.23E-05
52	5	1.30E-05
53	5	1.32E-05
54	5	1.99E-05
55	5	2.12E-05
56	5	2.25E-05
57	5	2.38E-05
58	5	2.50E-05
59	5	2.62E-05
60	5	2.74E-05
61	5	2.87E-05
62	5	3.03E-05



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
63	5	3.23E-05
64	5	3.48E-05
65	5	3.78E-05
66	5	4.14E-05
67	5	4.50E-05
68	5	4.85E-05
69	5	5.14E-05
70	5	5.35E-05
71	5	5.46E-05
72	5	5.45E-05
73	5	5.35E-05
74	5	5.17E-05
75	5	4.93E-05
76	5	1.33E-05
77	5	1.42E-05
78	5	1.45E-05
79	5	2.26E-05
80	5	2.43E-05
81	5	2.60E-05
82	5	2.77E-05
83	5	2.94E-05
84	5	3.10E-05
85	5	3.26E-05
86	5	3.45E-05
87	5	3.67E-05
88	5	3.94E-05
89	5	4.29E-05
90	5	4.72E-05
91	5	5.20E-05
92	5	5.67E-05
93	5	6.08E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	6.37E-05
95	5	6.52E-05
96	5	6.51E-05
97	5	6.37E-05
98	5	6.11E-05
99	5	5.78E-05
100	5	5.39E-05
101	5	1.45E-05
102	5	1.55E-05
103	5	1.60E-05
104	5	2.58E-05
105	5	2.81E-05
106	5	3.04E-05
107	5	3.28E-05
108	5	3.50E-05
109	5	3.73E-05
110	5	3.96E-05
111	5	4.23E-05
112	5	4.52E-05
113	5	4.92E-05
114	5	5.44E-05
115	5	6.06E-05
116	5	6.71E-05
117	5	7.29E-05
118	5	7.71E-05
119	5	7.93E-05
120	5	7.92E-05
121	5	7.71E-05
122	5	7.34E-05
123	5	6.87E-05
124	5	6.33E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.58E-05
126	5	1.70E-05
127	5	1.77E-05
128	5	3.28E-05
129	5	3.60E-05
130	5	3.93E-05
131	5	4.26E-05
132	5	4.58E-05
133	5	4.92E-05
134	5	5.29E-05
135	5	5.74E-05
136	5	6.35E-05
137	5	7.14E-05
138	5	8.04E-05
139	5	8.88E-05
140	5	9.53E-05
141	5	9.86E-05
142	5	9.85E-05
143	5	9.53E-05
144	5	8.98E-05
145	5	8.29E-05
146	5	7.53E-05
147	5	1.72E-05
148	5	1.86E-05
149	5	1.97E-05
150	5	3.89E-05
151	5	4.33E-05
152	5	4.80E-05
153	5	5.29E-05
154	5	5.76E-05
155	5	6.30E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	6.84E-05
157	5	7.54E-05
158	5	8.52E-05
159	5	9.75E-05
160	5	1.10E-04
161	5	1.20E-04
162	5	1.26E-04
163	5	1.26E-04
164	5	1.21E-04
165	5	1.12E-04
166	5	1.02E-04
167	5	9.10E-05
168	5	8.03E-05
169	5	1.86E-05
170	5	2.03E-05
171	5	2.19E-05
172	5	2.34E-05
173	5	4.66E-05
174	5	5.29E-05
175	5	6.00E-05
176	5	6.74E-05
177	5	7.51E-05
178	5	8.33E-05
179	5	9.18E-05
180	5	1.04E-04
181	5	1.20E-04
182	5	1.40E-04
183	5	1.28E-04
184	5	1.12E-04
185	5	2.22E-05
186	5	2.42E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	2.62E-05
188	5	5.67E-05
189	5	6.59E-05
190	5	7.67E-05
191	5	8.87E-05
192	5	1.02E-04
193	5	1.15E-04
194	5	1.30E-04
195	5	1.51E-04
196	5	1.81E-04
197	5	2.11E-04
198	5	2.65E-05
199	5	2.93E-05
200	5	2.91E-05
201	5	3.27E-05
202	5	3.64E-05
203	5	3.60E-05
204	5	4.13E-05
205	5	4.74E-05
206	5	4.62E-05
207	5	5.40E-05
208	5	6.42E-05
209	5	5.14E-05
210	5	6.15E-05
211	5	7.40E-05
212	5	6.96E-05
213	5	8.63E-05
214	5	1.08E-04
215	5	7.83E-05
216	5	9.82E-05
217	5	1.24E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	1.38E-04
219	5	1.82E-04
220	5	1.43E-04
221	5	1.82E-04
222	5	1.38E-04
223	5	1.68E-04
224	5	2.07E-04
225	5	1.46E-04
226	5	1.69E-04
227	5	2.60E-05
228	5	2.32E-05
229	5	2.07E-05
230	5	1.87E-05
231	5	2.36E-05
232	5	2.11E-05
233	5	1.91E-05
234	5	1.73E-05
235	5	2.14E-05
236	5	1.93E-05
237	5	1.76E-05
238	5	1.60E-05
239	5	1.69E-04
240	5	1.50E-04
241	5	1.33E-04
242	5	1.18E-04
243	5	1.44E-04
244	5	1.29E-04
245	5	1.16E-04
246	5	1.04E-04
247	5	1.23E-04
248	5	1.12E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	1.02E-04
250	5	9.21E-05
251	5	5.16E-05
252	5	4.81E-05
253	5	5.73E-05
254	5	5.38E-05
255	5	4.72E-05
256	5	4.42E-05
257	5	3.64E-05
258	5	5.18E-05
259	5	4.89E-05
260	5	4.60E-05
261	5	4.33E-05
262	5	4.07E-05
263	5	3.39E-05
264	5	4.46E-05
265	5	4.22E-05
266	5	3.99E-05
267	5	3.76E-05
268	5	3.17E-05
269	5	5.30E-05
270	5	4.46E-05
271	5	3.80E-05
272	5	3.28E-05
273	5	2.86E-05
274	5	2.52E-05
275	5	2.24E-05
276	5	4.68E-05
277	5	3.96E-05
278	5	3.41E-05
279	5	2.96E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
280	5	2.60E-05
281	5	2.30E-05
282	5	2.05E-05
283	5	4.12E-05
284	5	3.53E-05
285	5	3.06E-05
286	5	2.67E-05
287	5	2.36E-05
288	5	2.11E-05
289	5	1.89E-05
290	5	3.66E-05
291	5	3.16E-05
292	5	2.76E-05
293	5	2.43E-05
294	5	2.16E-05
295	5	1.94E-05
296	5	1.75E-05
297	5	3.27E-05
298	5	2.85E-05
299	5	2.51E-05
300	5	2.22E-05
301	5	1.99E-05
302	5	1.79E-05
303	5	1.62E-05
304	5	2.95E-05
305	5	2.59E-05
306	5	2.29E-05
307	5	2.05E-05
308	5	1.84E-05
309	5	1.66E-05
310	5	1.51E-05



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 7 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	2.68E-05
312	5	2.37E-05
313	5	2.11E-05
314	5	1.89E-05
315	5	1.71E-05
316	5	1.55E-05
317	5	1.42E-05

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**9: Unmitigated Parcel 8 Risk**



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## **Unmitigated Construction Health Risk for Parcel 8**

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Parcel 8-A: Unmitigated Construction Health Risk for Parcel 8 - Assumptions

Parcel 8-B: Unmitigated - Parcel 8 - Emissions

Parcel 8-C: Unmitigated - Parcel 8 - Risk Summary

Parcel 8-D: Unmitigated - Parcel 8 - Site Preparation Risk

Parcel 8-E: Unmitigated - Parcel 8 - Grading Risk

Parcel 8-F: Unmitigated - Parcel 8 - Building Construction Risk

Parcel 8-G: Unmitigated - Parcel 8 - Paving Risk

Parcel 8-H: Unmitigated - Parcel 8 - Architectural Coating Risk



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Parcel 8-A: Unmitigated Construction Health Risk for Parcel 8 - Assumptions



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## Manning Ave. Annexation 2020-01 Project

### Unmitigated Construction Health Risk for Parcel 8 - Assumptions

Date: 4/28/2022

	3rd	0-2	2-16	>16	Units
DBR	361	1090	631	261	L/kg
A	1				no units
EF	0.95890411				years
Constant 1	0.000001				no units
CPF	1.1				mg/kg-day-1
ASF	10	10	3	1	no units
Site Preparation	0.00	0.005	0.00	0.00	years
Grading	0.00	0.011	0.00	0.00	years
Building Construction	0.00	0.548	0.00	0.00	years
Paving	0.00	0.027	0.00	0.00	years
Architectural Coating	0.00	0.027	0.00	0.00	years
AT	70				years
FAH	1	1	1	0.73	day
Constant 2	1,000,000				no units
Dose Constant	3.46E-04	1.05E-03	6.05E-04	2.50E-04	
Risk Constant	0.00E+00	8.61E-04	0.00E+00	0.00E+00	

*Source: OEHHA 2015*

Dose =

(Cair X DBR X A X EF X Constant 1)

Cair = concentration in air ( $\mu\text{g}/\text{m}^3$ )

DBR = daily breathing rate normalized to body weight (l/kg bod weight -day)

A = Inhalation adsorption factor (unitless)

EF = Exposure frequency (unitless), days/365 days

Constant 1 = micrograms to milligrams conversion, liters to cubic meters conversion

Cancer Risk =

Dose X CPF x ASF x (ED/AT) X FAH

Dose = Daily inhalation dose (mg/kg-day)

CPF = Inhalation cancer potency factor ( $\text{mg}/\text{kg}\text{-day}^{-1}$ )

ASF = Age sensitivity factor for a specified age group (unitless)

ED = Exposure duration (in years) for a specified age group

AT = Averaging time for lifetime cancer risk (years)

FAH = Fraction of time spent at home (unitless)

Risk per Million =

Cancer Risk X Constant 2

FAH

If school is within the 1 per million cancer bracket:

3rd to 2 years 1

2 to 16 1

16-30 0.73

If school is not within the 1 per million cancer bracket:

3rd to 2 years 0.85

2 to 16 0.72

16-30 0.73

*Source: OEHHA 2015*

**Onsite Concentrations**

	<b>Source ID</b>	<b>PM10 (lbs/day)</b>	<b>PM10 (gr/day)</b>	<b>PM10 (gr/sec)</b>	<b>Days</b>	<b>Years</b>
Site Preparation	P8A	0.51	230.15277	0.0063931	2	0.005
Grading	P8A	0.60	274.15123	0.0076153	4	0.011
Building Construction	P8B	0.51	233.37327	0.0064826	200	0.548
Paving	P8A	0.31	139.88789	0.0038858	10	0.027
Architectural Coating	P8B	0.07	32.11434	0.0008921	10	0.027

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Construction Health Risk for Parcel 8 - Assumptions**

**Sources**

P8A	Parcel 8	Site Preparation, grading, and paving
P8B	Parcel 8	Building Construction and Architectural Coating

Meteorological Data Fresno Airport 2013 - 2017. Supplied by SJVAPCD  
Elevation 101 M.

**Assumptions and Constants:**

- 365 days per year construction
- 453.59237 conversion from lbs to grams
- 10 hours per day construction
- 60 minutes per hour
- 60 seconds per minute
- 1 year construction per parcel
- 0-2 year age bin as conservative risk.

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Parcel 8-B: Unmitigated - Parcel 8 - Emissions



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**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Emissions**

	<b>PM10 Exhaust</b>	<b>days/phase</b>
Site Preparation	0.5074	2
Grading	0.6044	4
Building Construction	0.5145	200
Paving	0.3084	10
Architectural Coating	0.0708	10

Source: CalEEMod Title: Annexation 2020-01 Kings River Development Retail C Parcel #8  
CalEEMod Date: 4/28/2022

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Parcel 8-C: Unmitigated - Parcel 8 - Risk Summary



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**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
1	1.336E-03	3.35E-04	4.0E-04	3.50E-04	2.04E-04	4.81E-05
2	1.405E-03	3.52E-04	4.2E-04	3.68E-04	2.14E-04	5.06E-05
3	1.429E-03	3.59E-04	4.3E-04	3.74E-04	2.18E-04	5.15E-05
4	1.947E-03	4.86E-04	5.8E-04	5.17E-04	2.95E-04	7.11E-05
5	2.026E-03	5.05E-04	6.0E-04	5.39E-04	3.07E-04	7.42E-05
6	2.101E-03	5.23E-04	6.2E-04	5.60E-04	3.18E-04	7.71E-05
7	2.173E-03	5.41E-04	6.4E-04	5.80E-04	3.29E-04	7.98E-05
8	2.244E-03	5.58E-04	6.6E-04	6.00E-04	3.39E-04	8.25E-05
9	2.318E-03	5.76E-04	6.9E-04	6.20E-04	3.50E-04	8.53E-05
10	2.400E-03	5.96E-04	7.1E-04	6.42E-04	3.63E-04	8.84E-05
11	2.496E-03	6.20E-04	7.4E-04	6.68E-04	3.77E-04	9.19E-05
12	2.615E-03	6.50E-04	7.7E-04	7.00E-04	3.95E-04	9.64E-05
13	2.768E-03	6.87E-04	8.2E-04	7.42E-04	4.18E-04	1.02E-04
14	2.947E-03	7.31E-04	8.7E-04	7.91E-04	4.45E-04	1.09E-04
15	3.154E-03	7.82E-04	9.3E-04	8.49E-04	4.75E-04	1.17E-04
16	3.383E-03	8.38E-04	1.0E-03	9.13E-04	5.09E-04	1.26E-04
17	3.620E-03	8.95E-04	1.1E-03	9.80E-04	5.44E-04	1.35E-04
18	3.852E-03	9.52E-04	1.1E-03	1.04E-03	5.79E-04	1.44E-04
19	4.065E-03	1.00E-03	1.2E-03	1.10E-03	6.10E-04	1.52E-04
20	4.244E-03	1.05E-03	1.2E-03	1.15E-03	6.37E-04	1.58E-04
21	4.379E-03	1.08E-03	1.3E-03	1.19E-03	6.58E-04	1.63E-04
22	4.461E-03	1.10E-03	1.3E-03	1.21E-03	6.70E-04	1.66E-04
23	4.487E-03	1.11E-03	1.3E-03	1.21E-03	6.75E-04	1.67E-04
24	4.459E-03	1.11E-03	1.3E-03	1.20E-03	6.72E-04	1.65E-04
25	4.382E-03	1.09E-03	1.3E-03	1.18E-03	6.61E-04	1.62E-04
26	1.446E-03	3.63E-04	4.3E-04	3.79E-04	2.20E-04	5.21E-05
27	1.524E-03	3.82E-04	4.6E-04	4.00E-04	2.32E-04	5.50E-05
28	1.554E-03	3.90E-04	4.6E-04	4.07E-04	2.37E-04	5.60E-05
29	2.184E-03	5.44E-04	6.5E-04	5.81E-04	3.31E-04	7.99E-05
30	2.285E-03	5.69E-04	6.8E-04	6.09E-04	3.46E-04	8.38E-05

<b>Max</b>	<b>Receptor #</b>
0.048	224

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
31	2.381E-03	5.92E-04	7.1E-04	6.36E-04	3.60E-04	8.75E-05
32	2.473E-03	6.14E-04	7.3E-04	6.62E-04	3.73E-04	9.11E-05
33	2.563E-03	6.36E-04	7.6E-04	6.87E-04	3.87E-04	9.45E-05
34	2.656E-03	6.59E-04	7.9E-04	7.13E-04	4.01E-04	9.81E-05
35	2.761E-03	6.85E-04	8.2E-04	7.41E-04	4.16E-04	1.02E-04
36	2.885E-03	7.16E-04	8.5E-04	7.75E-04	4.35E-04	1.07E-04
37	3.047E-03	7.56E-04	9.0E-04	8.19E-04	4.59E-04	1.13E-04
38	3.249E-03	8.05E-04	9.6E-04	8.75E-04	4.90E-04	1.20E-04
39	3.484E-03	8.63E-04	1.0E-03	9.40E-04	5.24E-04	1.29E-04
40	3.753E-03	9.28E-04	1.1E-03	1.02E-03	5.64E-04	1.40E-04
41	4.046E-03	9.99E-04	1.2E-03	1.10E-03	6.07E-04	1.51E-04
42	4.336E-03	1.07E-03	1.3E-03	1.18E-03	6.50E-04	1.62E-04
43	4.608E-03	1.14E-03	1.4E-03	1.26E-03	6.91E-04	1.73E-04
44	4.840E-03	1.19E-03	1.4E-03	1.32E-03	7.25E-04	1.81E-04
45	5.015E-03	1.24E-03	1.5E-03	1.37E-03	7.52E-04	1.88E-04
46	5.121E-03	1.26E-03	1.5E-03	1.39E-03	7.68E-04	1.92E-04
47	5.153E-03	1.27E-03	1.5E-03	1.40E-03	7.74E-04	1.92E-04
48	5.113E-03	1.27E-03	1.5E-03	1.38E-03	7.69E-04	1.90E-04
49	5.009E-03	1.24E-03	1.5E-03	1.35E-03	7.55E-04	1.86E-04
50	4.851E-03	1.20E-03	1.4E-03	1.30E-03	7.32E-04	1.79E-04
51	1.572E-03	3.94E-04	4.7E-04	4.12E-04	2.40E-04	5.67E-05
52	1.662E-03	4.17E-04	5.0E-04	4.36E-04	2.53E-04	6.00E-05
53	1.700E-03	4.26E-04	5.1E-04	4.46E-04	2.59E-04	6.13E-05
54	2.470E-03	6.15E-04	7.3E-04	6.58E-04	3.74E-04	9.05E-05
55	2.599E-03	6.46E-04	7.7E-04	6.94E-04	3.93E-04	9.55E-05
56	2.723E-03	6.76E-04	8.1E-04	7.29E-04	4.11E-04	1.00E-04
57	2.842E-03	7.05E-04	8.4E-04	7.63E-04	4.29E-04	1.05E-04
58	2.958E-03	7.33E-04	8.7E-04	7.96E-04	4.46E-04	1.10E-04
59	3.080E-03	7.63E-04	9.1E-04	8.30E-04	4.64E-04	1.14E-04
60	3.217E-03	7.97E-04	9.5E-04	8.67E-04	4.84E-04	1.19E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
61	3.383E-03	8.38E-04	1.0E-03	9.12E-04	5.09E-04	1.25E-04
62	3.604E-03	8.92E-04	1.1E-03	9.73E-04	5.42E-04	1.34E-04
63	3.874E-03	9.58E-04	1.1E-03	1.05E-03	5.82E-04	1.44E-04
64	4.190E-03	1.04E-03	1.2E-03	1.14E-03	6.29E-04	1.56E-04
65	4.545E-03	1.12E-03	1.3E-03	1.24E-03	6.81E-04	1.70E-04
66	4.917E-03	1.21E-03	1.4E-03	1.34E-03	7.36E-04	1.85E-04
67	5.269E-03	1.30E-03	1.5E-03	1.44E-03	7.88E-04	1.98E-04
68	5.575E-03	1.37E-03	1.6E-03	1.53E-03	8.33E-04	2.10E-04
69	5.807E-03	1.43E-03	1.7E-03	1.59E-03	8.68E-04	2.19E-04
70	5.947E-03	1.46E-03	1.7E-03	1.62E-03	8.90E-04	2.24E-04
71	5.987E-03	1.48E-03	1.8E-03	1.63E-03	8.97E-04	2.24E-04
72	5.931E-03	1.46E-03	1.7E-03	1.61E-03	8.90E-04	2.21E-04
73	5.788E-03	1.43E-03	1.7E-03	1.56E-03	8.71E-04	2.15E-04
74	5.576E-03	1.38E-03	1.6E-03	1.50E-03	8.40E-04	2.06E-04
75	5.312E-03	1.32E-03	1.6E-03	1.42E-03	8.02E-04	1.96E-04
76	1.715E-03	4.30E-04	5.1E-04	4.50E-04	2.61E-04	6.19E-05
77	1.821E-03	4.56E-04	5.4E-04	4.78E-04	2.77E-04	6.58E-05
78	1.872E-03	4.69E-04	5.6E-04	4.91E-04	2.85E-04	6.76E-05
79	2.817E-03	7.01E-04	8.3E-04	7.51E-04	4.26E-04	1.03E-04
80	2.985E-03	7.42E-04	8.8E-04	7.99E-04	4.51E-04	1.10E-04
81	3.148E-03	7.81E-04	9.3E-04	8.46E-04	4.75E-04	1.16E-04
82	3.305E-03	8.19E-04	9.8E-04	8.91E-04	4.98E-04	1.23E-04
83	3.460E-03	8.56E-04	1.0E-03	9.35E-04	5.21E-04	1.29E-04
84	3.623E-03	8.96E-04	1.1E-03	9.80E-04	5.45E-04	1.35E-04
85	3.807E-03	9.41E-04	1.1E-03	1.03E-03	5.72E-04	1.42E-04
86	4.047E-03	1.00E-03	1.2E-03	1.10E-03	6.08E-04	1.51E-04
87	4.347E-03	1.07E-03	1.3E-03	1.18E-03	6.53E-04	1.62E-04
88	4.711E-03	1.16E-03	1.4E-03	1.28E-03	7.06E-04	1.76E-04
89	5.142E-03	1.27E-03	1.5E-03	1.40E-03	7.70E-04	1.93E-04
90	5.615E-03	1.38E-03	1.6E-03	1.54E-03	8.39E-04	2.12E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
91	6.079E-03	1.49E-03	1.8E-03	1.67E-03	9.07E-04	2.30E-04
92	6.491E-03	1.59E-03	1.9E-03	1.79E-03	9.68E-04	2.46E-04
93	6.808E-03	1.67E-03	2.0E-03	1.87E-03	1.02E-03	2.58E-04
94	6.998E-03	1.72E-03	2.0E-03	1.92E-03	1.04E-03	2.65E-04
95	7.051E-03	1.73E-03	2.1E-03	1.93E-03	1.05E-03	2.66E-04
96	6.970E-03	1.72E-03	2.0E-03	1.90E-03	1.04E-03	2.61E-04
97	6.772E-03	1.67E-03	2.0E-03	1.84E-03	1.02E-03	2.53E-04
98	6.482E-03	1.60E-03	1.9E-03	1.75E-03	9.75E-04	2.41E-04
99	6.128E-03	1.52E-03	1.8E-03	1.64E-03	9.24E-04	2.26E-04
100	5.735E-03	1.43E-03	1.7E-03	1.53E-03	8.67E-04	2.11E-04
101	1.877E-03	4.70E-04	5.6E-04	4.93E-04	2.86E-04	6.78E-05
102	2.003E-03	5.02E-04	6.0E-04	5.26E-04	3.05E-04	7.24E-05
103	2.073E-03	5.19E-04	6.2E-04	5.45E-04	3.16E-04	7.49E-05
104	3.243E-03	8.06E-04	9.6E-04	8.67E-04	4.90E-04	1.19E-04
105	3.467E-03	8.60E-04	1.0E-03	9.31E-04	5.23E-04	1.28E-04
106	3.686E-03	9.13E-04	1.1E-03	9.94E-04	5.55E-04	1.37E-04
107	3.899E-03	9.64E-04	1.1E-03	1.06E-03	5.86E-04	1.45E-04
108	4.110E-03	1.02E-03	1.2E-03	1.12E-03	6.17E-04	1.54E-04
109	4.331E-03	1.07E-03	1.3E-03	1.18E-03	6.50E-04	1.62E-04
110	4.589E-03	1.13E-03	1.3E-03	1.25E-03	6.88E-04	1.72E-04
111	4.934E-03	1.22E-03	1.4E-03	1.34E-03	7.39E-04	1.85E-04
112	5.347E-03	1.32E-03	1.6E-03	1.46E-03	8.01E-04	2.01E-04
113	5.865E-03	1.44E-03	1.7E-03	1.61E-03	8.77E-04	2.21E-04
114	6.464E-03	1.59E-03	1.9E-03	1.78E-03	9.64E-04	2.45E-04
115	7.087E-03	1.74E-03	2.1E-03	1.96E-03	1.06E-03	2.70E-04
116	7.651E-03	1.87E-03	2.2E-03	2.12E-03	1.14E-03	2.92E-04
117	8.095E-03	1.98E-03	2.4E-03	2.24E-03	1.20E-03	3.09E-04
118	8.365E-03	2.05E-03	2.4E-03	2.31E-03	1.24E-03	3.18E-04
119	8.436E-03	2.07E-03	2.5E-03	2.32E-03	1.26E-03	3.20E-04
120	8.318E-03	2.04E-03	2.4E-03	2.28E-03	1.24E-03	3.14E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
121	8.037E-03	1.98E-03	2.4E-03	2.19E-03	1.20E-03	3.01E-04
122	7.633E-03	1.89E-03	2.2E-03	2.07E-03	1.15E-03	2.84E-04
123	7.149E-03	1.77E-03	2.1E-03	1.92E-03	1.08E-03	2.65E-04
124	6.622E-03	1.65E-03	2.0E-03	1.77E-03	1.00E-03	2.44E-04
125	2.061E-03	5.17E-04	6.2E-04	5.41E-04	3.14E-04	7.44E-05
126	2.211E-03	5.54E-04	6.6E-04	5.81E-04	3.37E-04	8.00E-05
127	2.307E-03	5.78E-04	6.9E-04	6.06E-04	3.51E-04	8.34E-05
128	4.079E-03	1.01E-03	1.2E-03	1.10E-03	6.14E-04	1.51E-04
129	4.382E-03	1.08E-03	1.3E-03	1.19E-03	6.59E-04	1.63E-04
130	4.679E-03	1.15E-03	1.4E-03	1.27E-03	7.02E-04	1.75E-04
131	4.973E-03	1.23E-03	1.5E-03	1.36E-03	7.45E-04	1.87E-04
132	5.281E-03	1.30E-03	1.5E-03	1.44E-03	7.90E-04	1.99E-04
133	5.663E-03	1.39E-03	1.7E-03	1.55E-03	8.47E-04	2.13E-04
134	6.146E-03	1.51E-03	1.8E-03	1.68E-03	9.18E-04	2.32E-04
135	6.756E-03	1.66E-03	2.0E-03	1.86E-03	1.01E-03	2.56E-04
136	7.511E-03	1.84E-03	2.2E-03	2.08E-03	1.12E-03	2.86E-04
137	8.347E-03	2.04E-03	2.4E-03	2.32E-03	1.24E-03	3.19E-04
138	9.147E-03	2.23E-03	2.7E-03	2.55E-03	1.36E-03	3.51E-04
139	9.787E-03	2.38E-03	2.8E-03	2.74E-03	1.45E-03	3.76E-04
140	1.018E-02	2.48E-03	3.0E-03	2.84E-03	1.51E-03	3.91E-04
141	1.029E-02	2.51E-03	3.0E-03	2.86E-03	1.53E-03	3.93E-04
142	1.011E-02	2.48E-03	3.0E-03	2.79E-03	1.51E-03	3.84E-04
143	9.700E-03	2.39E-03	2.8E-03	2.66E-03	1.45E-03	3.66E-04
144	9.123E-03	2.25E-03	2.7E-03	2.48E-03	1.37E-03	3.41E-04
145	8.447E-03	2.09E-03	2.5E-03	2.28E-03	1.27E-03	3.14E-04
146	7.728E-03	1.92E-03	2.3E-03	2.07E-03	1.17E-03	2.85E-04
147	2.265E-03	5.68E-04	6.8E-04	5.94E-04	3.45E-04	8.17E-05
148	2.448E-03	6.13E-04	7.3E-04	6.43E-04	3.73E-04	8.85E-05
149	2.585E-03	6.48E-04	7.7E-04	6.79E-04	3.94E-04	9.35E-05
150	4.870E-03	1.21E-03	1.4E-03	1.32E-03	7.33E-04	1.81E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
151	5.300E-03	1.31E-03	1.6E-03	1.44E-03	7.95E-04	1.98E-04
152	5.726E-03	1.41E-03	1.7E-03	1.57E-03	8.57E-04	2.16E-04
153	6.151E-03	1.51E-03	1.8E-03	1.69E-03	9.18E-04	2.33E-04
154	6.598E-03	1.62E-03	1.9E-03	1.82E-03	9.84E-04	2.50E-04
155	7.185E-03	1.76E-03	2.1E-03	1.98E-03	1.07E-03	2.73E-04
156	7.892E-03	1.93E-03	2.3E-03	2.18E-03	1.17E-03	3.00E-04
157	8.825E-03	2.16E-03	2.6E-03	2.45E-03	1.31E-03	3.37E-04
158	9.949E-03	2.42E-03	2.9E-03	2.78E-03	1.47E-03	3.83E-04
159	1.110E-02	2.70E-03	3.2E-03	3.12E-03	1.64E-03	4.30E-04
160	1.206E-02	2.93E-03	3.5E-03	3.40E-03	1.78E-03	4.69E-04
161	1.267E-02	3.08E-03	3.7E-03	3.57E-03	1.87E-03	4.91E-04
162	1.283E-02	3.12E-03	3.7E-03	3.60E-03	1.90E-03	4.95E-04
163	1.256E-02	3.07E-03	3.7E-03	3.49E-03	1.86E-03	4.81E-04
164	1.194E-02	2.93E-03	3.5E-03	3.29E-03	1.78E-03	4.53E-04
165	1.110E-02	2.73E-03	3.3E-03	3.03E-03	1.66E-03	4.17E-04
166	1.013E-02	2.50E-03	3.0E-03	2.74E-03	1.52E-03	3.77E-04
167	9.126E-03	2.27E-03	2.7E-03	2.45E-03	1.38E-03	3.37E-04
168	8.154E-03	2.03E-03	2.4E-03	2.17E-03	1.23E-03	2.99E-04
169	2.492E-03	6.25E-04	7.4E-04	6.52E-04	3.80E-04	8.97E-05
170	2.715E-03	6.81E-04	8.1E-04	7.12E-04	4.14E-04	9.80E-05
171	2.912E-03	7.30E-04	8.7E-04	7.64E-04	4.43E-04	1.05E-04
172	3.110E-03	7.79E-04	9.3E-04	8.18E-04	4.73E-04	1.13E-04
173	5.912E-03	1.46E-03	1.7E-03	1.60E-03	8.88E-04	2.20E-04
174	6.543E-03	1.61E-03	1.9E-03	1.79E-03	9.79E-04	2.46E-04
175	7.182E-03	1.76E-03	2.1E-03	1.98E-03	1.07E-03	2.72E-04
176	7.819E-03	1.91E-03	2.3E-03	2.17E-03	1.16E-03	2.98E-04
177	8.519E-03	2.08E-03	2.5E-03	2.37E-03	1.27E-03	3.26E-04
178	9.404E-03	2.30E-03	2.7E-03	2.62E-03	1.40E-03	3.60E-04
179	1.053E-02	2.57E-03	3.1E-03	2.94E-03	1.56E-03	4.05E-04
180	1.202E-02	2.92E-03	3.5E-03	3.38E-03	1.77E-03	4.66E-04



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
181	1.370E-02	3.31E-03	3.9E-03	3.89E-03	2.01E-03	5.35E-04
182	1.521E-02	3.67E-03	4.4E-03	4.34E-03	2.23E-03	5.97E-04
183	1.235E-02	3.05E-03	3.6E-03	3.35E-03	1.85E-03	4.61E-04
184	1.092E-02	2.71E-03	3.2E-03	2.93E-03	1.65E-03	4.03E-04
185	3.011E-03	7.56E-04	9.0E-04	7.88E-04	4.59E-04	1.08E-04
186	3.282E-03	8.23E-04	9.8E-04	8.60E-04	5.00E-04	1.18E-04
187	3.533E-03	8.85E-04	1.1E-03	9.28E-04	5.38E-04	1.28E-04
188	7.312E-03	1.81E-03	2.2E-03	1.99E-03	1.10E-03	2.73E-04
189	8.272E-03	2.03E-03	2.4E-03	2.27E-03	1.24E-03	3.13E-04
190	9.276E-03	2.27E-03	2.7E-03	2.57E-03	1.38E-03	3.54E-04
191	1.030E-02	2.51E-03	3.0E-03	2.88E-03	1.52E-03	3.96E-04
192	1.147E-02	2.79E-03	3.3E-03	3.22E-03	1.69E-03	4.44E-04
193	1.286E-02	3.12E-03	3.7E-03	3.62E-03	1.90E-03	4.98E-04
194	1.478E-02	3.58E-03	4.3E-03	4.19E-03	2.17E-03	5.77E-04
195	1.723E-02	4.15E-03	4.9E-03	4.94E-03	2.52E-03	6.80E-04
196	1.969E-02	4.72E-03	5.6E-03	5.70E-03	2.87E-03	7.84E-04
197	2.140E-02	5.13E-03	6.1E-03	6.20E-03	3.12E-03	8.53E-04
198	3.663E-03	9.20E-04	1.1E-03	9.57E-04	5.59E-04	1.32E-04
199	4.045E-03	1.01E-03	1.2E-03	1.06E-03	6.17E-04	1.46E-04
200	4.100E-03	1.03E-03	1.2E-03	1.07E-03	6.27E-04	1.47E-04
201	4.617E-03	1.16E-03	1.4E-03	1.20E-03	7.05E-04	1.66E-04
202	5.140E-03	1.29E-03	1.5E-03	1.35E-03	7.84E-04	1.85E-04
203	5.217E-03	1.31E-03	1.6E-03	1.35E-03	7.98E-04	1.86E-04
204	6.013E-03	1.51E-03	1.8E-03	1.57E-03	9.19E-04	2.15E-04
205	6.919E-03	1.74E-03	2.1E-03	1.81E-03	1.06E-03	2.49E-04
206	6.910E-03	1.74E-03	2.1E-03	1.79E-03	1.06E-03	2.46E-04
207	8.163E-03	2.06E-03	2.4E-03	2.12E-03	1.25E-03	2.92E-04
208	9.797E-03	2.46E-03	2.9E-03	2.56E-03	1.50E-03	3.52E-04
209	7.867E-03	1.99E-03	2.4E-03	2.02E-03	1.21E-03	2.78E-04
210	9.597E-03	2.42E-03	2.9E-03	2.47E-03	1.47E-03	3.40E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
211	1.177E-02	2.97E-03	3.5E-03	3.04E-03	1.81E-03	4.18E-04
212	1.113E-02	2.82E-03	3.4E-03	2.85E-03	1.71E-03	3.92E-04
213	1.423E-02	3.60E-03	4.3E-03	3.64E-03	2.19E-03	5.01E-04
214	1.841E-02	4.66E-03	5.6E-03	4.71E-03	2.83E-03	6.48E-04
215	1.287E-02	3.27E-03	3.9E-03	3.27E-03	1.99E-03	4.51E-04
216	1.681E-02	4.28E-03	5.1E-03	4.26E-03	2.60E-03	5.86E-04
217	2.239E-02	5.71E-03	6.8E-03	5.64E-03	3.47E-03	7.76E-04
218	2.630E-02	6.77E-03	8.1E-03	6.45E-03	4.12E-03	8.88E-04
219	3.794E-02	9.86E-03	1.2E-02	9.09E-03	5.99E-03	1.25E-03
220	2.859E-02	7.45E-03	8.9E-03	6.79E-03	4.53E-03	9.35E-04
221	3.955E-02	1.04E-02	1.2E-02	9.09E-03	6.34E-03	1.25E-03
222	2.784E-02	7.33E-03	8.7E-03	6.44E-03	4.46E-03	8.86E-04
223	3.620E-02	9.64E-03	1.1E-02	8.10E-03	5.86E-03	1.11E-03
224	4.764E-02	1.29E-02	1.5E-02	1.02E-02	7.82E-03	1.41E-03
225	3.006E-02	8.03E-03	9.6E-03	6.67E-03	4.88E-03	9.19E-04
226	3.579E-02	9.64E-03	1.1E-02	7.75E-03	5.86E-03	1.07E-03
227	3.023E-03	7.68E-04	9.2E-04	7.67E-04	4.67E-04	1.06E-04
228	2.697E-03	6.85E-04	8.2E-04	6.86E-04	4.16E-04	9.43E-05
229	2.423E-03	6.15E-04	7.3E-04	6.17E-04	3.74E-04	8.49E-05
230	2.189E-03	5.55E-04	6.6E-04	5.58E-04	3.38E-04	7.68E-05
231	2.763E-03	7.02E-04	8.4E-04	7.01E-04	4.27E-04	9.65E-05
232	2.483E-03	6.31E-04	7.5E-04	6.31E-04	3.83E-04	8.68E-05
233	2.244E-03	5.70E-04	6.8E-04	5.71E-04	3.46E-04	7.86E-05
234	2.039E-03	5.17E-04	6.2E-04	5.19E-04	3.14E-04	7.15E-05
235	2.531E-03	6.43E-04	7.7E-04	6.42E-04	3.91E-04	8.83E-05
236	2.290E-03	5.82E-04	6.9E-04	5.82E-04	3.54E-04	8.00E-05
237	2.082E-03	5.29E-04	6.3E-04	5.30E-04	3.21E-04	7.29E-05
238	1.901E-03	4.83E-04	5.7E-04	4.84E-04	2.93E-04	6.66E-05
239	1.946E-02	5.05E-03	6.0E-03	4.68E-03	3.07E-03	6.45E-04
240	1.697E-02	4.39E-03	5.2E-03	4.12E-03	2.67E-03	5.67E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
241	1.490E-02	3.84E-03	4.6E-03	3.64E-03	2.34E-03	5.01E-04
242	1.316E-02	3.39E-03	4.0E-03	3.23E-03	2.06E-03	4.45E-04
243	1.691E-02	4.38E-03	5.2E-03	4.08E-03	2.66E-03	5.61E-04
244	1.493E-02	3.86E-03	4.6E-03	3.63E-03	2.35E-03	4.99E-04
245	1.324E-02	3.42E-03	4.1E-03	3.24E-03	2.08E-03	4.46E-04
246	1.180E-02	3.04E-03	3.6E-03	2.90E-03	1.85E-03	3.99E-04
247	1.480E-02	3.83E-03	4.6E-03	3.58E-03	2.33E-03	4.92E-04
248	1.321E-02	3.41E-03	4.1E-03	3.21E-03	2.07E-03	4.42E-04
249	1.183E-02	3.05E-03	3.6E-03	2.90E-03	1.85E-03	3.98E-04
250	1.063E-02	2.73E-03	3.3E-03	2.61E-03	1.66E-03	3.60E-04
251	6.162E-03	1.58E-03	1.9E-03	1.53E-03	9.60E-04	2.11E-04
252	5.710E-03	1.46E-03	1.7E-03	1.42E-03	8.88E-04	1.96E-04
253	7.106E-03	1.83E-03	2.2E-03	1.75E-03	1.11E-03	2.41E-04
254	6.592E-03	1.69E-03	2.0E-03	1.63E-03	1.03E-03	2.24E-04
255	5.689E-03	1.46E-03	1.7E-03	1.41E-03	8.86E-04	1.95E-04
256	5.294E-03	1.36E-03	1.6E-03	1.32E-03	8.24E-04	1.82E-04
257	4.310E-03	1.10E-03	1.3E-03	1.08E-03	6.69E-04	1.49E-04
258	6.484E-03	1.67E-03	2.0E-03	1.60E-03	1.01E-03	2.20E-04
259	6.045E-03	1.55E-03	1.8E-03	1.49E-03	9.44E-04	2.06E-04
260	5.638E-03	1.45E-03	1.7E-03	1.40E-03	8.79E-04	1.92E-04
261	5.263E-03	1.35E-03	1.6E-03	1.31E-03	8.19E-04	1.80E-04
262	4.917E-03	1.26E-03	1.5E-03	1.23E-03	7.65E-04	1.69E-04
263	4.045E-03	1.03E-03	1.2E-03	1.01E-03	6.28E-04	1.40E-04
264	5.557E-03	1.43E-03	1.7E-03	1.37E-03	8.67E-04	1.89E-04
265	5.206E-03	1.33E-03	1.6E-03	1.29E-03	8.11E-04	1.78E-04
266	4.879E-03	1.25E-03	1.5E-03	1.21E-03	7.60E-04	1.67E-04
267	4.575E-03	1.17E-03	1.4E-03	1.14E-03	7.12E-04	1.57E-04
268	3.801E-03	9.70E-04	1.2E-03	9.54E-04	5.90E-04	1.31E-04
269	5.780E-03	1.47E-03	1.7E-03	1.47E-03	8.93E-04	2.02E-04
270	4.935E-03	1.25E-03	1.5E-03	1.25E-03	7.62E-04	1.72E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Cancer Risk from Birth to 2 Years				
		Site Preparation	Grading	Building construction	Paving	Architectural Coating
271	4.263E-03	1.08E-03	1.3E-03	1.08E-03	6.59E-04	1.49E-04
272	3.720E-03	9.46E-04	1.1E-03	9.44E-04	5.75E-04	1.30E-04
273	3.277E-03	8.33E-04	9.9E-04	8.31E-04	5.06E-04	1.14E-04
274	2.910E-03	7.40E-04	8.8E-04	7.39E-04	4.50E-04	1.02E-04
275	2.604E-03	6.62E-04	7.9E-04	6.61E-04	4.02E-04	9.10E-05
276	5.184E-03	1.32E-03	1.6E-03	1.31E-03	8.02E-04	1.80E-04
277	4.450E-03	1.13E-03	1.3E-03	1.13E-03	6.88E-04	1.55E-04
278	3.864E-03	9.83E-04	1.2E-03	9.78E-04	5.97E-04	1.35E-04
279	3.389E-03	8.62E-04	1.0E-03	8.58E-04	5.24E-04	1.18E-04
280	2.999E-03	7.63E-04	9.1E-04	7.60E-04	4.63E-04	1.05E-04
281	2.676E-03	6.80E-04	8.1E-04	6.78E-04	4.13E-04	9.34E-05
282	2.404E-03	6.11E-04	7.3E-04	6.10E-04	3.71E-04	8.39E-05
283	4.628E-03	1.18E-03	1.4E-03	1.17E-03	7.16E-04	1.61E-04
284	4.001E-03	1.02E-03	1.2E-03	1.01E-03	6.19E-04	1.39E-04
285	3.497E-03	8.90E-04	1.1E-03	8.85E-04	5.41E-04	1.22E-04
286	3.085E-03	7.85E-04	9.3E-04	7.81E-04	4.77E-04	1.08E-04
287	2.745E-03	6.98E-04	8.3E-04	6.96E-04	4.24E-04	9.57E-05
288	2.461E-03	6.26E-04	7.5E-04	6.24E-04	3.80E-04	8.59E-05
289	2.222E-03	5.65E-04	6.7E-04	5.64E-04	3.43E-04	7.76E-05
290	4.136E-03	1.05E-03	1.3E-03	1.04E-03	6.40E-04	1.44E-04
291	3.605E-03	9.17E-04	1.1E-03	9.12E-04	5.58E-04	1.25E-04
292	3.172E-03	8.07E-04	9.6E-04	8.03E-04	4.90E-04	1.11E-04
293	2.816E-03	7.16E-04	8.5E-04	7.14E-04	4.35E-04	9.82E-05
294	2.520E-03	6.40E-04	7.6E-04	6.39E-04	3.89E-04	8.80E-05
295	2.270E-03	5.77E-04	6.9E-04	5.76E-04	3.51E-04	7.93E-05
296	2.059E-03	5.23E-04	6.2E-04	5.23E-04	3.18E-04	7.20E-05
297	3.719E-03	9.46E-04	1.1E-03	9.41E-04	5.75E-04	1.29E-04
298	3.265E-03	8.30E-04	9.9E-04	8.27E-04	5.05E-04	1.14E-04
299	2.892E-03	7.35E-04	8.8E-04	7.34E-04	4.47E-04	1.01E-04
300	2.583E-03	6.56E-04	7.8E-04	6.56E-04	3.99E-04	9.02E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
301	2.323E-03	5.90E-04	7.0E-04	5.90E-04	3.59E-04	8.12E-05
302	2.103E-03	5.34E-04	6.4E-04	5.35E-04	3.25E-04	7.36E-05
303	1.915E-03	4.86E-04	5.8E-04	4.87E-04	2.96E-04	6.70E-05
304	3.367E-03	8.56E-04	1.0E-03	8.54E-04	5.20E-04	1.18E-04
305	2.977E-03	7.56E-04	9.0E-04	7.56E-04	4.60E-04	1.04E-04
306	2.653E-03	6.74E-04	8.0E-04	6.74E-04	4.10E-04	9.28E-05
307	2.382E-03	6.05E-04	7.2E-04	6.06E-04	3.68E-04	8.34E-05
308	2.153E-03	5.46E-04	6.5E-04	5.48E-04	3.32E-04	7.54E-05
309	1.957E-03	4.97E-04	5.9E-04	4.98E-04	3.02E-04	6.86E-05
310	1.789E-03	4.54E-04	5.4E-04	4.56E-04	2.76E-04	6.27E-05
311	3.071E-03	7.80E-04	9.3E-04	7.80E-04	4.74E-04	1.07E-04
312	2.731E-03	6.93E-04	8.3E-04	6.95E-04	4.22E-04	9.56E-05
313	2.448E-03	6.21E-04	7.4E-04	6.23E-04	3.78E-04	8.58E-05
314	2.209E-03	5.60E-04	6.7E-04	5.63E-04	3.41E-04	7.74E-05
315	2.005E-03	5.09E-04	6.1E-04	5.11E-04	3.09E-04	7.03E-05
316	1.830E-03	4.64E-04	5.5E-04	4.67E-04	2.82E-04	6.42E-05
317	1.679E-03	4.26E-04	5.1E-04	4.28E-04	2.59E-04	5.89E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
1	2.969E-04	7.45E-05	8.87E-05	7.77E-05	4.53E-05	1.07E-05
2	3.121E-04	7.83E-05	9.33E-05	8.17E-05	4.76E-05	1.12E-05
3	3.176E-04	7.97E-05	9.49E-05	8.31E-05	4.84E-05	1.14E-05
4	4.327E-04	1.08E-04	1.29E-04	1.15E-04	6.56E-05	1.58E-05
5	4.503E-04	1.12E-04	1.34E-04	1.20E-04	6.82E-05	1.65E-05
6	4.670E-04	1.16E-04	1.38E-04	1.24E-04	7.07E-05	1.71E-05
7	4.830E-04	1.20E-04	1.43E-04	1.29E-04	7.30E-05	1.77E-05
8	4.988E-04	1.24E-04	1.48E-04	1.33E-04	7.54E-05	1.83E-05
9	5.151E-04	1.28E-04	1.53E-04	1.38E-04	7.78E-05	1.90E-05
10	5.333E-04	1.33E-04	1.58E-04	1.43E-04	8.06E-05	1.96E-05
11	5.547E-04	1.38E-04	1.64E-04	1.48E-04	8.38E-05	2.04E-05
12	5.811E-04	1.44E-04	1.72E-04	1.56E-04	8.78E-05	2.14E-05
13	6.150E-04	1.53E-04	1.82E-04	1.65E-04	9.28E-05	2.27E-05
14	6.550E-04	1.63E-04	1.94E-04	1.76E-04	9.88E-05	2.42E-05
15	7.009E-04	1.74E-04	2.07E-04	1.89E-04	1.06E-04	2.60E-05
16	7.518E-04	1.86E-04	2.22E-04	2.03E-04	1.13E-04	2.79E-05
17	8.045E-04	1.99E-04	2.37E-04	2.18E-04	1.21E-04	3.00E-05
18	8.560E-04	2.12E-04	2.52E-04	2.32E-04	1.29E-04	3.19E-05
19	9.033E-04	2.23E-04	2.66E-04	2.45E-04	1.36E-04	3.37E-05
20	9.431E-04	2.33E-04	2.78E-04	2.56E-04	1.42E-04	3.52E-05
21	9.730E-04	2.40E-04	2.86E-04	2.64E-04	1.46E-04	3.63E-05
22	9.913E-04	2.45E-04	2.92E-04	2.68E-04	1.49E-04	3.69E-05
23	9.972E-04	2.47E-04	2.94E-04	2.69E-04	1.50E-04	3.71E-05
24	9.910E-04	2.46E-04	2.93E-04	2.67E-04	1.49E-04	3.67E-05
25	9.738E-04	2.42E-04	2.88E-04	2.61E-04	1.47E-04	3.60E-05
26	3.214E-04	8.06E-05	9.60E-05	8.42E-05	4.90E-05	1.16E-05
27	3.388E-04	8.50E-05	1.01E-04	8.88E-05	5.16E-05	1.22E-05
28	3.454E-04	8.66E-05	1.03E-04	9.04E-05	5.27E-05	1.24E-05
29	4.854E-04	1.21E-04	1.44E-04	1.29E-04	7.35E-05	1.78E-05
30	5.077E-04	1.26E-04	1.51E-04	1.35E-04	7.68E-05	1.86E-05

Max	Receptor #
0.0106	224

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
31	5.291E-04	1.32E-04	1.57E-04	1.41E-04	8.00E-05	1.95E-05
32	5.495E-04	1.37E-04	1.63E-04	1.47E-04	8.30E-05	2.02E-05
33	5.695E-04	1.41E-04	1.68E-04	1.53E-04	8.60E-05	2.10E-05
34	5.903E-04	1.47E-04	1.75E-04	1.58E-04	8.91E-05	2.18E-05
35	6.135E-04	1.52E-04	1.81E-04	1.65E-04	9.25E-05	2.27E-05
36	6.411E-04	1.59E-04	1.89E-04	1.72E-04	9.67E-05	2.37E-05
37	6.772E-04	1.68E-04	2.00E-04	1.82E-04	1.02E-04	2.50E-05
38	7.221E-04	1.79E-04	2.13E-04	1.94E-04	1.09E-04	2.67E-05
39	7.741E-04	1.92E-04	2.28E-04	2.09E-04	1.17E-04	2.87E-05
40	8.340E-04	2.06E-04	2.46E-04	2.26E-04	1.25E-04	3.10E-05
41	8.992E-04	2.22E-04	2.65E-04	2.44E-04	1.35E-04	3.36E-05
42	9.636E-04	2.38E-04	2.83E-04	2.62E-04	1.44E-04	3.61E-05
43	1.024E-03	2.53E-04	3.01E-04	2.79E-04	1.53E-04	3.84E-05
44	1.076E-03	2.65E-04	3.16E-04	2.93E-04	1.61E-04	4.03E-05
45	1.115E-03	2.75E-04	3.27E-04	3.03E-04	1.67E-04	4.18E-05
46	1.138E-03	2.81E-04	3.35E-04	3.09E-04	1.71E-04	4.26E-05
47	1.145E-03	2.83E-04	3.37E-04	3.10E-04	1.72E-04	4.27E-05
48	1.136E-03	2.81E-04	3.35E-04	3.07E-04	1.71E-04	4.23E-05
49	1.113E-03	2.76E-04	3.29E-04	3.00E-04	1.68E-04	4.13E-05
50	1.078E-03	2.68E-04	3.19E-04	2.89E-04	1.63E-04	3.98E-05
51	3.493E-04	8.76E-05	1.04E-04	9.16E-05	5.32E-05	1.26E-05
52	3.694E-04	9.26E-05	1.10E-04	9.69E-05	5.63E-05	1.33E-05
53	3.778E-04	9.47E-05	1.13E-04	9.90E-05	5.76E-05	1.36E-05
54	5.489E-04	1.37E-04	1.63E-04	1.46E-04	8.31E-05	2.01E-05
55	5.775E-04	1.44E-04	1.71E-04	1.54E-04	8.73E-05	2.12E-05
56	6.050E-04	1.50E-04	1.79E-04	1.62E-04	9.13E-05	2.23E-05
57	6.315E-04	1.57E-04	1.87E-04	1.70E-04	9.52E-05	2.33E-05
58	6.575E-04	1.63E-04	1.94E-04	1.77E-04	9.91E-05	2.43E-05
59	6.845E-04	1.70E-04	2.02E-04	1.84E-04	1.03E-04	2.54E-05
60	7.150E-04	1.77E-04	2.11E-04	1.93E-04	1.08E-04	2.65E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
61	7.517E-04	1.86E-04	2.22E-04	2.03E-04	1.13E-04	2.79E-05
62	8.010E-04	1.98E-04	2.36E-04	2.16E-04	1.21E-04	2.97E-05
63	8.609E-04	2.13E-04	2.54E-04	2.33E-04	1.29E-04	3.20E-05
64	9.311E-04	2.30E-04	2.74E-04	2.52E-04	1.40E-04	3.47E-05
65	1.010E-03	2.49E-04	2.97E-04	2.75E-04	1.51E-04	3.78E-05
66	1.093E-03	2.69E-04	3.21E-04	2.98E-04	1.64E-04	4.11E-05
67	1.171E-03	2.88E-04	3.43E-04	3.20E-04	1.75E-04	4.41E-05
68	1.239E-03	3.05E-04	3.63E-04	3.39E-04	1.85E-04	4.67E-05
69	1.290E-03	3.18E-04	3.78E-04	3.53E-04	1.93E-04	4.86E-05
70	1.322E-03	3.25E-04	3.88E-04	3.61E-04	1.98E-04	4.97E-05
71	1.331E-03	3.28E-04	3.91E-04	3.62E-04	1.99E-04	4.99E-05
72	1.318E-03	3.25E-04	3.88E-04	3.58E-04	1.98E-04	4.92E-05
73	1.286E-03	3.18E-04	3.79E-04	3.48E-04	1.93E-04	4.78E-05
74	1.239E-03	3.07E-04	3.66E-04	3.33E-04	1.87E-04	4.59E-05
75	1.181E-03	2.93E-04	3.49E-04	3.16E-04	1.78E-04	4.35E-05
76	3.811E-04	9.55E-05	1.14E-04	1.00E-04	5.81E-05	1.38E-05
77	4.046E-04	1.01E-04	1.21E-04	1.06E-04	6.16E-05	1.46E-05
78	4.159E-04	1.04E-04	1.24E-04	1.09E-04	6.34E-05	1.50E-05
79	6.259E-04	1.56E-04	1.86E-04	1.67E-04	9.47E-05	2.30E-05
80	6.634E-04	1.65E-04	1.96E-04	1.78E-04	1.00E-04	2.44E-05
81	6.995E-04	1.74E-04	2.07E-04	1.88E-04	1.05E-04	2.59E-05
82	7.345E-04	1.82E-04	2.17E-04	1.98E-04	1.11E-04	2.72E-05
83	7.690E-04	1.90E-04	2.27E-04	2.08E-04	1.16E-04	2.86E-05
84	8.050E-04	1.99E-04	2.37E-04	2.18E-04	1.21E-04	3.00E-05
85	8.459E-04	2.09E-04	2.49E-04	2.29E-04	1.27E-04	3.15E-05
86	8.994E-04	2.22E-04	2.65E-04	2.44E-04	1.35E-04	3.35E-05
87	9.659E-04	2.39E-04	2.84E-04	2.62E-04	1.45E-04	3.61E-05
88	1.047E-03	2.58E-04	3.08E-04	2.85E-04	1.57E-04	3.92E-05
89	1.143E-03	2.81E-04	3.35E-04	3.12E-04	1.71E-04	4.29E-05
90	1.248E-03	3.07E-04	3.65E-04	3.42E-04	1.86E-04	4.71E-05



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
91	1.351E-03	3.32E-04	3.95E-04	3.72E-04	2.02E-04	5.11E-05
92	1.442E-03	3.54E-04	4.22E-04	3.97E-04	2.15E-04	5.47E-05
93	1.513E-03	3.71E-04	4.42E-04	4.17E-04	2.26E-04	5.73E-05
94	1.555E-03	3.82E-04	4.55E-04	4.27E-04	2.32E-04	5.88E-05
95	1.567E-03	3.85E-04	4.59E-04	4.29E-04	2.34E-04	5.90E-05
96	1.549E-03	3.82E-04	4.55E-04	4.22E-04	2.32E-04	5.81E-05
97	1.505E-03	3.72E-04	4.43E-04	4.08E-04	2.26E-04	5.62E-05
98	1.440E-03	3.57E-04	4.25E-04	3.89E-04	2.17E-04	5.35E-05
99	1.362E-03	3.38E-04	4.03E-04	3.65E-04	2.05E-04	5.03E-05
100	1.274E-03	3.17E-04	3.78E-04	3.40E-04	1.93E-04	4.68E-05
101	4.172E-04	1.05E-04	1.25E-04	1.09E-04	6.35E-05	1.51E-05
102	4.451E-04	1.11E-04	1.33E-04	1.17E-04	6.78E-05	1.61E-05
103	4.608E-04	1.15E-04	1.38E-04	1.21E-04	7.02E-05	1.67E-05
104	7.206E-04	1.79E-04	2.13E-04	1.93E-04	1.09E-04	2.65E-05
105	7.705E-04	1.91E-04	2.28E-04	2.07E-04	1.16E-04	2.85E-05
106	8.192E-04	2.03E-04	2.42E-04	2.21E-04	1.23E-04	3.04E-05
107	8.666E-04	2.14E-04	2.55E-04	2.35E-04	1.30E-04	3.23E-05
108	9.135E-04	2.26E-04	2.69E-04	2.48E-04	1.37E-04	3.41E-05
109	9.624E-04	2.38E-04	2.83E-04	2.62E-04	1.44E-04	3.60E-05
110	1.020E-03	2.52E-04	3.00E-04	2.77E-04	1.53E-04	3.82E-05
111	1.096E-03	2.70E-04	3.22E-04	2.99E-04	1.64E-04	4.11E-05
112	1.188E-03	2.93E-04	3.49E-04	3.24E-04	1.78E-04	4.46E-05
113	1.303E-03	3.21E-04	3.82E-04	3.57E-04	1.95E-04	4.91E-05
114	1.436E-03	3.53E-04	4.20E-04	3.95E-04	2.14E-04	5.44E-05
115	1.575E-03	3.86E-04	4.59E-04	4.35E-04	2.34E-04	5.99E-05
116	1.700E-03	4.16E-04	4.95E-04	4.71E-04	2.53E-04	6.49E-05
117	1.799E-03	4.40E-04	5.24E-04	4.99E-04	2.67E-04	6.86E-05
118	1.859E-03	4.55E-04	5.42E-04	5.14E-04	2.77E-04	7.08E-05
119	1.875E-03	4.60E-04	5.48E-04	5.17E-04	2.79E-04	7.11E-05
120	1.848E-03	4.54E-04	5.41E-04	5.07E-04	2.76E-04	6.97E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
121	1.786E-03	4.40E-04	5.24E-04	4.87E-04	2.68E-04	6.70E-05
122	1.696E-03	4.19E-04	5.00E-04	4.59E-04	2.55E-04	6.32E-05
123	1.589E-03	3.94E-04	4.69E-04	4.27E-04	2.39E-04	5.88E-05
124	1.472E-03	3.66E-04	4.36E-04	3.94E-04	2.22E-04	5.42E-05
125	4.579E-04	1.15E-04	1.37E-04	1.20E-04	6.98E-05	1.65E-05
126	4.914E-04	1.23E-04	1.47E-04	1.29E-04	7.48E-05	1.78E-05
127	5.127E-04	1.28E-04	1.53E-04	1.35E-04	7.81E-05	1.85E-05
128	9.065E-04	2.25E-04	2.68E-04	2.44E-04	1.37E-04	3.36E-05
129	9.738E-04	2.41E-04	2.87E-04	2.64E-04	1.46E-04	3.63E-05
130	1.040E-03	2.57E-04	3.06E-04	2.83E-04	1.56E-04	3.89E-05
131	1.105E-03	2.72E-04	3.24E-04	3.02E-04	1.65E-04	4.15E-05
132	1.174E-03	2.89E-04	3.44E-04	3.21E-04	1.76E-04	4.42E-05
133	1.258E-03	3.10E-04	3.69E-04	3.44E-04	1.88E-04	4.74E-05
134	1.366E-03	3.36E-04	4.00E-04	3.74E-04	2.04E-04	5.15E-05
135	1.501E-03	3.69E-04	4.39E-04	4.13E-04	2.24E-04	5.68E-05
136	1.669E-03	4.09E-04	4.87E-04	4.62E-04	2.48E-04	6.35E-05
137	1.855E-03	4.53E-04	5.40E-04	5.16E-04	2.75E-04	7.10E-05
138	2.033E-03	4.96E-04	5.90E-04	5.68E-04	3.01E-04	7.81E-05
139	2.175E-03	5.30E-04	6.31E-04	6.08E-04	3.22E-04	8.37E-05
140	2.263E-03	5.52E-04	6.57E-04	6.31E-04	3.35E-04	8.68E-05
141	2.286E-03	5.59E-04	6.66E-04	6.35E-04	3.40E-04	8.73E-05
142	2.247E-03	5.51E-04	6.56E-04	6.20E-04	3.35E-04	8.53E-05
143	2.156E-03	5.30E-04	6.31E-04	5.90E-04	3.22E-04	8.13E-05
144	2.027E-03	5.00E-04	5.96E-04	5.51E-04	3.04E-04	7.58E-05
145	1.877E-03	4.65E-04	5.54E-04	5.06E-04	2.83E-04	6.97E-05
146	1.717E-03	4.27E-04	5.08E-04	4.60E-04	2.59E-04	6.33E-05
147	5.034E-04	1.26E-04	1.50E-04	1.32E-04	7.67E-05	1.82E-05
148	5.441E-04	1.36E-04	1.62E-04	1.43E-04	8.28E-05	1.97E-05
149	5.745E-04	1.44E-04	1.71E-04	1.51E-04	8.75E-05	2.08E-05
150	1.082E-03	2.68E-04	3.19E-04	2.92E-04	1.63E-04	4.02E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
151	1.178E-03	2.91E-04	3.46E-04	3.20E-04	1.77E-04	4.41E-05
152	1.273E-03	3.13E-04	3.73E-04	3.48E-04	1.90E-04	4.79E-05
153	1.367E-03	3.36E-04	4.00E-04	3.76E-04	2.04E-04	5.17E-05
154	1.466E-03	3.60E-04	4.29E-04	4.04E-04	2.19E-04	5.56E-05
155	1.597E-03	3.91E-04	4.66E-04	4.40E-04	2.38E-04	6.06E-05
156	1.754E-03	4.30E-04	5.12E-04	4.85E-04	2.61E-04	6.67E-05
157	1.961E-03	4.79E-04	5.71E-04	5.45E-04	2.91E-04	7.50E-05
158	2.211E-03	5.38E-04	6.41E-04	6.19E-04	3.27E-04	8.51E-05
159	2.467E-03	5.99E-04	7.14E-04	6.94E-04	3.64E-04	9.56E-05
160	2.681E-03	6.50E-04	7.75E-04	7.57E-04	3.95E-04	1.04E-04
161	2.815E-03	6.83E-04	8.14E-04	7.93E-04	4.15E-04	1.09E-04
162	2.851E-03	6.94E-04	8.27E-04	7.99E-04	4.22E-04	1.10E-04
163	2.791E-03	6.82E-04	8.12E-04	7.76E-04	4.14E-04	1.07E-04
164	2.654E-03	6.51E-04	7.75E-04	7.31E-04	3.96E-04	1.01E-04
165	2.466E-03	6.07E-04	7.23E-04	6.73E-04	3.69E-04	9.26E-05
166	2.251E-03	5.57E-04	6.63E-04	6.09E-04	3.38E-04	8.38E-05
167	2.028E-03	5.03E-04	6.00E-04	5.44E-04	3.06E-04	7.49E-05
168	1.812E-03	4.51E-04	5.38E-04	4.82E-04	2.74E-04	6.64E-05
169	5.538E-04	1.39E-04	1.66E-04	1.45E-04	8.45E-05	1.99E-05
170	6.033E-04	1.51E-04	1.80E-04	1.58E-04	9.19E-05	2.18E-05
171	6.471E-04	1.62E-04	1.93E-04	1.70E-04	9.86E-05	2.34E-05
172	6.911E-04	1.73E-04	2.06E-04	1.82E-04	1.05E-04	2.50E-05
173	1.314E-03	3.25E-04	3.87E-04	3.56E-04	1.97E-04	4.90E-05
174	1.454E-03	3.58E-04	4.26E-04	3.97E-04	2.18E-04	5.47E-05
175	1.596E-03	3.92E-04	4.66E-04	4.39E-04	2.38E-04	6.05E-05
176	1.738E-03	4.25E-04	5.07E-04	4.81E-04	2.58E-04	6.62E-05
177	1.893E-03	4.63E-04	5.51E-04	5.26E-04	2.81E-04	7.24E-05
178	2.090E-03	5.10E-04	6.08E-04	5.82E-04	3.10E-04	8.00E-05
179	2.340E-03	5.70E-04	6.79E-04	6.54E-04	3.47E-04	8.99E-05
180	2.671E-03	6.49E-04	7.73E-04	7.52E-04	3.94E-04	1.03E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
181	3.045E-03	7.36E-04	8.77E-04	8.65E-04	4.48E-04	1.19E-04
182	3.380E-03	8.15E-04	9.71E-04	9.65E-04	4.96E-04	1.33E-04
183	2.744E-03	6.78E-04	8.07E-04	7.44E-04	4.12E-04	1.02E-04
184	2.426E-03	6.02E-04	7.17E-04	6.52E-04	3.66E-04	8.97E-05
185	6.692E-04	1.68E-04	2.00E-04	1.75E-04	1.02E-04	2.41E-05
186	7.293E-04	1.83E-04	2.18E-04	1.91E-04	1.11E-04	2.63E-05
187	7.852E-04	1.97E-04	2.34E-04	2.06E-04	1.20E-04	2.84E-05
188	1.625E-03	4.01E-04	4.78E-04	4.41E-04	2.44E-04	6.07E-05
189	1.838E-03	4.52E-04	5.38E-04	5.05E-04	2.75E-04	6.95E-05
190	2.061E-03	5.04E-04	6.00E-04	5.72E-04	3.06E-04	7.87E-05
191	2.288E-03	5.57E-04	6.64E-04	6.40E-04	3.39E-04	8.81E-05
192	2.549E-03	6.20E-04	7.38E-04	7.16E-04	3.77E-04	9.86E-05
193	2.858E-03	6.94E-04	8.27E-04	8.05E-04	4.22E-04	1.11E-04
194	3.284E-03	7.95E-04	9.47E-04	9.31E-04	4.83E-04	1.28E-04
195	3.829E-03	9.22E-04	1.10E-03	1.10E-03	5.60E-04	1.51E-04
196	4.376E-03	1.05E-03	1.25E-03	1.27E-03	6.38E-04	1.74E-04
197	4.756E-03	1.14E-03	1.36E-03	1.38E-03	6.93E-04	1.89E-04
198	8.141E-04	2.04E-04	2.44E-04	2.13E-04	1.24E-04	2.93E-05
199	8.988E-04	2.25E-04	2.69E-04	2.35E-04	1.37E-04	3.24E-05
200	9.111E-04	2.29E-04	2.73E-04	2.37E-04	1.39E-04	3.26E-05
201	1.026E-03	2.58E-04	3.07E-04	2.68E-04	1.57E-04	3.68E-05
202	1.142E-03	2.87E-04	3.41E-04	2.99E-04	1.74E-04	4.12E-05
203	1.159E-03	2.92E-04	3.48E-04	3.01E-04	1.77E-04	4.14E-05
204	1.336E-03	3.36E-04	4.00E-04	3.48E-04	2.04E-04	4.79E-05
205	1.538E-03	3.86E-04	4.60E-04	4.02E-04	2.35E-04	5.53E-05
206	1.535E-03	3.87E-04	4.61E-04	3.97E-04	2.35E-04	5.46E-05
207	1.814E-03	4.57E-04	5.44E-04	4.71E-04	2.78E-04	6.48E-05
208	2.177E-03	5.47E-04	6.52E-04	5.68E-04	3.33E-04	7.81E-05
209	1.748E-03	4.42E-04	5.26E-04	4.49E-04	2.69E-04	6.19E-05
210	2.133E-03	5.39E-04	6.42E-04	5.49E-04	3.27E-04	7.56E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
211	2.616E-03	6.60E-04	7.86E-04	6.75E-04	4.01E-04	9.29E-05
212	2.474E-03	6.27E-04	7.46E-04	6.33E-04	3.81E-04	8.71E-05
213	3.162E-03	8.01E-04	9.54E-04	8.09E-04	4.87E-04	1.11E-04
214	4.091E-03	1.04E-03	1.23E-03	1.05E-03	6.30E-04	1.44E-04
215	2.860E-03	7.26E-04	8.65E-04	7.28E-04	4.41E-04	1.00E-04
216	3.736E-03	9.50E-04	1.13E-03	9.46E-04	5.78E-04	1.30E-04
217	4.975E-03	1.27E-03	1.51E-03	1.25E-03	7.71E-04	1.72E-04
218	5.845E-03	1.51E-03	1.79E-03	1.43E-03	9.15E-04	1.97E-04
219	8.432E-03	2.19E-03	2.61E-03	2.02E-03	1.33E-03	2.78E-04
220	6.353E-03	1.66E-03	1.97E-03	1.51E-03	1.01E-03	2.08E-04
221	8.789E-03	2.32E-03	2.76E-03	2.02E-03	1.41E-03	2.78E-04
222	6.187E-03	1.63E-03	1.94E-03	1.43E-03	9.90E-04	1.97E-04
223	8.045E-03	2.14E-03	2.55E-03	1.80E-03	1.30E-03	2.48E-04
224	1.059E-02	2.86E-03	3.40E-03	2.27E-03	1.74E-03	3.13E-04
225	6.680E-03	1.78E-03	2.12E-03	1.48E-03	1.08E-03	2.04E-04
226	7.953E-03	2.14E-03	2.55E-03	1.72E-03	1.30E-03	2.37E-04
227	6.718E-04	1.71E-04	2.03E-04	1.70E-04	1.04E-04	2.35E-05
228	5.994E-04	1.52E-04	1.81E-04	1.52E-04	9.25E-05	2.10E-05
229	5.384E-04	1.37E-04	1.63E-04	1.37E-04	8.31E-05	1.89E-05
230	4.865E-04	1.23E-04	1.47E-04	1.24E-04	7.50E-05	1.71E-05
231	6.140E-04	1.56E-04	1.86E-04	1.56E-04	9.49E-05	2.14E-05
232	5.518E-04	1.40E-04	1.67E-04	1.40E-04	8.52E-05	1.93E-05
233	4.987E-04	1.27E-04	1.51E-04	1.27E-04	7.69E-05	1.75E-05
234	4.531E-04	1.15E-04	1.37E-04	1.15E-04	6.99E-05	1.59E-05
235	5.624E-04	1.43E-04	1.70E-04	1.43E-04	8.69E-05	1.96E-05
236	5.089E-04	1.29E-04	1.54E-04	1.29E-04	7.86E-05	1.78E-05
237	4.626E-04	1.17E-04	1.40E-04	1.18E-04	7.14E-05	1.62E-05
238	4.225E-04	1.07E-04	1.28E-04	1.08E-04	6.52E-05	1.48E-05
239	4.325E-03	1.12E-03	1.34E-03	1.04E-03	6.82E-04	1.43E-04
240	3.772E-03	9.76E-04	1.16E-03	9.15E-04	5.93E-04	1.26E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
241	3.310E-03	8.54E-04	1.02E-03	8.09E-04	5.19E-04	1.11E-04
242	2.923E-03	7.52E-04	8.96E-04	7.18E-04	4.57E-04	9.89E-05
243	3.758E-03	9.74E-04	1.16E-03	9.07E-04	5.92E-04	1.25E-04
244	3.318E-03	8.58E-04	1.02E-03	8.07E-04	5.21E-04	1.11E-04
245	2.943E-03	7.59E-04	9.04E-04	7.20E-04	4.61E-04	9.91E-05
246	2.623E-03	6.75E-04	8.04E-04	6.45E-04	4.10E-04	8.88E-05
247	3.288E-03	8.52E-04	1.01E-03	7.95E-04	5.18E-04	1.09E-04
248	2.935E-03	7.58E-04	9.03E-04	7.14E-04	4.61E-04	9.83E-05
249	2.628E-03	6.77E-04	8.07E-04	6.43E-04	4.12E-04	8.85E-05
250	2.361E-03	6.07E-04	7.24E-04	5.81E-04	3.69E-04	8.00E-05
251	1.369E-03	3.51E-04	4.18E-04	3.40E-04	2.13E-04	4.68E-05
252	1.269E-03	3.25E-04	3.87E-04	3.16E-04	1.97E-04	4.35E-05
253	1.579E-03	4.06E-04	4.84E-04	3.88E-04	2.47E-04	5.35E-05
254	1.465E-03	3.76E-04	4.48E-04	3.62E-04	2.29E-04	4.98E-05
255	1.264E-03	3.24E-04	3.86E-04	3.14E-04	1.97E-04	4.32E-05
256	1.176E-03	3.01E-04	3.59E-04	2.93E-04	1.83E-04	4.03E-05
257	9.578E-04	2.45E-04	2.91E-04	2.40E-04	1.49E-04	3.31E-05
258	1.441E-03	3.71E-04	4.41E-04	3.55E-04	2.25E-04	4.88E-05
259	1.343E-03	3.45E-04	4.11E-04	3.32E-04	2.10E-04	4.57E-05
260	1.253E-03	3.21E-04	3.83E-04	3.11E-04	1.95E-04	4.27E-05
261	1.169E-03	3.00E-04	3.57E-04	2.91E-04	1.82E-04	4.00E-05
262	1.093E-03	2.80E-04	3.33E-04	2.72E-04	1.70E-04	3.75E-05
263	8.988E-04	2.29E-04	2.73E-04	2.26E-04	1.39E-04	3.10E-05
264	1.235E-03	3.17E-04	3.78E-04	3.05E-04	1.93E-04	4.20E-05
265	1.157E-03	2.97E-04	3.53E-04	2.87E-04	1.80E-04	3.95E-05
266	1.084E-03	2.78E-04	3.31E-04	2.70E-04	1.69E-04	3.71E-05
267	1.017E-03	2.60E-04	3.10E-04	2.54E-04	1.58E-04	3.49E-05
268	8.447E-04	2.16E-04	2.57E-04	2.12E-04	1.31E-04	2.92E-05
269	1.284E-03	3.26E-04	3.89E-04	3.26E-04	1.98E-04	4.49E-05
270	1.097E-03	2.79E-04	3.32E-04	2.78E-04	1.69E-04	3.83E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
271	9.473E-04	2.41E-04	2.87E-04	2.40E-04	1.46E-04	3.31E-05
272	8.267E-04	2.10E-04	2.50E-04	2.10E-04	1.28E-04	2.89E-05
273	7.282E-04	1.85E-04	2.20E-04	1.85E-04	1.12E-04	2.54E-05
274	6.468E-04	1.64E-04	1.96E-04	1.64E-04	9.99E-05	2.26E-05
275	5.788E-04	1.47E-04	1.75E-04	1.47E-04	8.94E-05	2.02E-05
276	1.152E-03	2.93E-04	3.49E-04	2.91E-04	1.78E-04	4.01E-05
277	9.889E-04	2.52E-04	3.00E-04	2.50E-04	1.53E-04	3.44E-05
278	8.587E-04	2.18E-04	2.60E-04	2.17E-04	1.33E-04	2.99E-05
279	7.531E-04	1.92E-04	2.28E-04	1.91E-04	1.16E-04	2.62E-05
280	6.664E-04	1.69E-04	2.02E-04	1.69E-04	1.03E-04	2.32E-05
281	5.946E-04	1.51E-04	1.80E-04	1.51E-04	9.19E-05	2.07E-05
282	5.343E-04	1.36E-04	1.62E-04	1.36E-04	8.25E-05	1.87E-05
283	1.028E-03	2.62E-04	3.12E-04	2.60E-04	1.59E-04	3.57E-05
284	8.891E-04	2.26E-04	2.70E-04	2.25E-04	1.38E-04	3.09E-05
285	7.771E-04	1.98E-04	2.36E-04	1.97E-04	1.20E-04	2.71E-05
286	6.856E-04	1.74E-04	2.08E-04	1.74E-04	1.06E-04	2.39E-05
287	6.101E-04	1.55E-04	1.85E-04	1.55E-04	9.43E-05	2.13E-05
288	5.470E-04	1.39E-04	1.66E-04	1.39E-04	8.45E-05	1.91E-05
289	4.938E-04	1.25E-04	1.49E-04	1.25E-04	7.63E-05	1.72E-05
290	9.192E-04	2.34E-04	2.79E-04	2.32E-04	1.42E-04	3.19E-05
291	8.010E-04	2.04E-04	2.43E-04	2.03E-04	1.24E-04	2.79E-05
292	7.049E-04	1.79E-04	2.14E-04	1.78E-04	1.09E-04	2.46E-05
293	6.258E-04	1.59E-04	1.90E-04	1.59E-04	9.67E-05	2.18E-05
294	5.599E-04	1.42E-04	1.70E-04	1.42E-04	8.65E-05	1.95E-05
295	5.046E-04	1.28E-04	1.53E-04	1.28E-04	7.79E-05	1.76E-05
296	4.575E-04	1.16E-04	1.38E-04	1.16E-04	7.06E-05	1.60E-05
297	8.265E-04	2.10E-04	2.50E-04	2.09E-04	1.28E-04	2.88E-05
298	7.256E-04	1.85E-04	2.20E-04	1.84E-04	1.12E-04	2.53E-05
299	6.427E-04	1.63E-04	1.95E-04	1.63E-04	9.93E-05	2.24E-05
300	5.740E-04	1.46E-04	1.74E-04	1.46E-04	8.87E-05	2.01E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
301	5.163E-04	1.31E-04	1.56E-04	1.31E-04	7.97E-05	1.81E-05
302	4.674E-04	1.19E-04	1.41E-04	1.19E-04	7.21E-05	1.64E-05
303	4.256E-04	1.08E-04	1.29E-04	1.08E-04	6.57E-05	1.49E-05
304	7.483E-04	1.90E-04	2.27E-04	1.90E-04	1.16E-04	2.61E-05
305	6.615E-04	1.68E-04	2.00E-04	1.68E-04	1.02E-04	2.31E-05
306	5.896E-04	1.50E-04	1.78E-04	1.50E-04	9.10E-05	2.06E-05
307	5.294E-04	1.34E-04	1.60E-04	1.35E-04	8.17E-05	1.85E-05
308	4.784E-04	1.21E-04	1.45E-04	1.22E-04	7.38E-05	1.68E-05
309	4.350E-04	1.10E-04	1.32E-04	1.11E-04	6.71E-05	1.52E-05
310	3.977E-04	1.01E-04	1.20E-04	1.01E-04	6.13E-05	1.39E-05
311	6.825E-04	1.73E-04	2.06E-04	1.73E-04	1.05E-04	2.39E-05
312	6.070E-04	1.54E-04	1.84E-04	1.54E-04	9.37E-05	2.12E-05
313	5.440E-04	1.38E-04	1.64E-04	1.38E-04	8.39E-05	1.91E-05
314	4.909E-04	1.25E-04	1.48E-04	1.25E-04	7.57E-05	1.72E-05
315	4.456E-04	1.13E-04	1.35E-04	1.14E-04	6.87E-05	1.56E-05
316	4.067E-04	1.03E-04	1.23E-04	1.04E-04	6.27E-05	1.43E-05
317	3.731E-04	9.46E-05	1.13E-04	9.52E-05	5.75E-05	1.31E-05



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Parcel 8-D: Unmitigated - Parcel 8 - Site Preparation Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

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**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose			Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Risk	Constant	Risk	Constant 2		
1	0.05827	6.39E-03	3.7E-04	1.05E-03	3.89E-07	8.61E-04	3.35E-10	1.0E+06	3.4E-04	5	
2	0.06124	6.39E-03	3.9E-04	1.05E-03	4.09E-07	8.61E-04	3.52E-10	1.0E+06	3.5E-04	5	
3	0.06233	6.39E-03	4.0E-04	1.05E-03	4.16E-07	8.61E-04	3.59E-10	1.0E+06	3.6E-04	5	
4	0.08442	6.39E-03	5.4E-04	1.05E-03	5.64E-07	8.61E-04	4.86E-10	1.0E+06	4.9E-04	5	
5	0.08775	6.39E-03	5.6E-04	1.05E-03	5.86E-07	8.61E-04	5.05E-10	1.0E+06	5.0E-04	5	
6	0.09093	6.39E-03	5.8E-04	1.05E-03	6.08E-07	8.61E-04	5.23E-10	1.0E+06	5.2E-04	5	
7	0.09397	6.39E-03	6.0E-04	1.05E-03	6.28E-07	8.61E-04	5.41E-10	1.0E+06	5.4E-04	5	
8	0.097	6.39E-03	6.2E-04	1.05E-03	6.48E-07	8.61E-04	5.58E-10	1.0E+06	5.6E-04	5	
9	0.10015	6.39E-03	6.4E-04	1.05E-03	6.69E-07	8.61E-04	5.76E-10	1.0E+06	5.8E-04	5	
10	0.10366	6.39E-03	6.6E-04	1.05E-03	6.93E-07	8.61E-04	5.96E-10	1.0E+06	6.0E-04	5	
11	0.1078	6.39E-03	6.9E-04	1.05E-03	7.20E-07	8.61E-04	6.20E-10	1.0E+06	6.2E-04	5	
12	0.11292	6.39E-03	7.2E-04	1.05E-03	7.55E-07	8.61E-04	6.50E-10	1.0E+06	6.5E-04	5	
13	0.11945	6.39E-03	7.6E-04	1.05E-03	7.98E-07	8.61E-04	6.87E-10	1.0E+06	6.9E-04	5	
14	0.12711	6.39E-03	8.1E-04	1.05E-03	8.49E-07	8.61E-04	7.31E-10	1.0E+06	7.3E-04	5	
15	0.13589	6.39E-03	8.7E-04	1.05E-03	9.08E-07	8.61E-04	7.82E-10	1.0E+06	7.8E-04	5	
16	0.14559	6.39E-03	9.3E-04	1.05E-03	9.73E-07	8.61E-04	8.38E-10	1.0E+06	8.4E-04	5	
17	0.15558	6.39E-03	9.9E-04	1.05E-03	1.04E-06	8.61E-04	8.95E-10	1.0E+06	9.0E-04	5	
18	0.16543	6.39E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.52E-10	1.0E+06	9.5E-04	5	
19	0.1745	6.39E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.00E-09	1.0E+06	1.0E-03	5	
20	0.1822	6.39E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03	5	
21	0.18805	6.39E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03	5	
22	0.1917	6.39E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03	5	
23	0.19303	6.39E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03	5	
24	0.19207	6.39E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03	5	
25	0.189	6.39E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03	5	
26	0.06305	6.39E-03	4.0E-04	1.05E-03	4.21E-07	8.61E-04	3.63E-10	1.0E+06	3.6E-04	5	
27	0.06644	6.39E-03	4.2E-04	1.05E-03	4.44E-07	8.61E-04	3.82E-10	1.0E+06	3.8E-04	5	
28	0.06776	6.39E-03	4.3E-04	1.05E-03	4.53E-07	8.61E-04	3.90E-10	1.0E+06	3.9E-04	5	
29	0.09463	6.39E-03	6.0E-04	1.05E-03	6.32E-07	8.61E-04	5.44E-10	1.0E+06	5.4E-04	5	
30	0.09885	6.39E-03	6.3E-04	1.05E-03	6.61E-07	8.61E-04	5.69E-10	1.0E+06	5.7E-04	5	
31	0.1029	6.39E-03	6.6E-04	1.05E-03	6.88E-07	8.61E-04	5.92E-10	1.0E+06	5.9E-04	5	

Max	Receptor #
0.013	224

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
32	0.10678	6.39E-03	6.8E-04	1.05E-03	7.14E-07	8.61E-04	6.14E-10	1.0E+06	6.1E-04	5
33	0.1106	6.39E-03	7.1E-04	1.05E-03	7.39E-07	8.61E-04	6.36E-10	1.0E+06	6.4E-04	5
34	0.11459	6.39E-03	7.3E-04	1.05E-03	7.66E-07	8.61E-04	6.59E-10	1.0E+06	6.6E-04	5
35	0.11907	6.39E-03	7.6E-04	1.05E-03	7.96E-07	8.61E-04	6.85E-10	1.0E+06	6.9E-04	5
36	0.12441	6.39E-03	8.0E-04	1.05E-03	8.31E-07	8.61E-04	7.16E-10	1.0E+06	7.2E-04	5
37	0.13137	6.39E-03	8.4E-04	1.05E-03	8.78E-07	8.61E-04	7.56E-10	1.0E+06	7.6E-04	5
38	0.13999	6.39E-03	8.9E-04	1.05E-03	9.35E-07	8.61E-04	8.05E-10	1.0E+06	8.1E-04	5
39	0.14994	6.39E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.63E-10	1.0E+06	8.6E-04	5
40	0.16134	6.39E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.28E-10	1.0E+06	9.3E-04	5
41	0.17369	6.39E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.99E-10	1.0E+06	1.0E-03	5
42	0.18592	6.39E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03	5
43	0.19748	6.39E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03	5
44	0.2074	6.39E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03	5
45	0.21496	6.39E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03	5
46	0.21966	6.39E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03	5
47	0.22129	6.39E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03	5
48	0.21989	6.39E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03	5
49	0.21576	6.39E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03	5
50	0.2093	6.39E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03	5
51	0.06849	6.39E-03	4.4E-04	1.05E-03	4.58E-07	8.61E-04	3.94E-10	1.0E+06	3.9E-04	5
52	0.07241	6.39E-03	4.6E-04	1.05E-03	4.84E-07	8.61E-04	4.17E-10	1.0E+06	4.2E-04	5
53	0.07409	6.39E-03	4.7E-04	1.05E-03	4.95E-07	8.61E-04	4.26E-10	1.0E+06	4.3E-04	5
54	0.10691	6.39E-03	6.8E-04	1.05E-03	7.14E-07	8.61E-04	6.15E-10	1.0E+06	6.2E-04	5
55	0.11233	6.39E-03	7.2E-04	1.05E-03	7.51E-07	8.61E-04	6.46E-10	1.0E+06	6.5E-04	5
56	0.11753	6.39E-03	7.5E-04	1.05E-03	7.85E-07	8.61E-04	6.76E-10	1.0E+06	6.8E-04	5
57	0.12255	6.39E-03	7.8E-04	1.05E-03	8.19E-07	8.61E-04	7.05E-10	1.0E+06	7.1E-04	5
58	0.12748	6.39E-03	8.1E-04	1.05E-03	8.52E-07	8.61E-04	7.33E-10	1.0E+06	7.3E-04	5
59	0.13267	6.39E-03	8.5E-04	1.05E-03	8.87E-07	8.61E-04	7.63E-10	1.0E+06	7.6E-04	5
60	0.13854	6.39E-03	8.9E-04	1.05E-03	9.26E-07	8.61E-04	7.97E-10	1.0E+06	8.0E-04	5
61	0.14563	6.39E-03	9.3E-04	1.05E-03	9.73E-07	8.61E-04	8.38E-10	1.0E+06	8.4E-04	5
62	0.1551	6.39E-03	9.9E-04	1.05E-03	1.04E-06	8.61E-04	8.92E-10	1.0E+06	8.9E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
63	0.16656	6.39E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.58E-10	1.0E+06	9.6E-04	5
64	0.1799	6.39E-03	1.2E-03	1.05E-03	1.20E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03	5
65	0.19486	6.39E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03	5
66	0.21047	6.39E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03	5
67	0.22529	6.39E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03	5
68	0.23831	6.39E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03	5
69	0.24832	6.39E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03	5
70	0.25453	6.39E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03	5
71	0.25658	6.39E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03	5
72	0.25457	6.39E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03	5
73	0.24893	6.39E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03	5
74	0.24029	6.39E-03	1.5E-03	1.05E-03	1.61E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03	5
75	0.22939	6.39E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03	5
76	0.07471	6.39E-03	4.8E-04	1.05E-03	4.99E-07	8.61E-04	4.30E-10	1.0E+06	4.3E-04	5
77	0.07927	6.39E-03	5.1E-04	1.05E-03	5.30E-07	8.61E-04	4.56E-10	1.0E+06	4.6E-04	5
78	0.08153	6.39E-03	5.2E-04	1.05E-03	5.45E-07	8.61E-04	4.69E-10	1.0E+06	4.7E-04	5
79	0.12182	6.39E-03	7.8E-04	1.05E-03	8.14E-07	8.61E-04	7.01E-10	1.0E+06	7.0E-04	5
80	0.12889	6.39E-03	8.2E-04	1.05E-03	8.61E-07	8.61E-04	7.42E-10	1.0E+06	7.4E-04	5
81	0.1357	6.39E-03	8.7E-04	1.05E-03	9.07E-07	8.61E-04	7.81E-10	1.0E+06	7.8E-04	5
82	0.14229	6.39E-03	9.1E-04	1.05E-03	9.51E-07	8.61E-04	8.19E-10	1.0E+06	8.2E-04	5
83	0.14884	6.39E-03	9.5E-04	1.05E-03	9.95E-07	8.61E-04	8.56E-10	1.0E+06	8.6E-04	5
84	0.15573	6.39E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.96E-10	1.0E+06	9.0E-04	5
85	0.1636	6.39E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.41E-10	1.0E+06	9.4E-04	5
86	0.17387	6.39E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	1.00E-09	1.0E+06	1.0E-03	5
87	0.18661	6.39E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03	5
88	0.20202	6.39E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03	5
89	0.22015	6.39E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03	5
90	0.23995	6.39E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03	5
91	0.25935	6.39E-03	1.7E-03	1.05E-03	1.73E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03	5
92	0.27675	6.39E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03	5
93	0.29032	6.39E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
94	0.29874	6.39E-03	1.9E-03	1.05E-03	2.00E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03	5
95	0.30144	6.39E-03	1.9E-03	1.05E-03	2.01E-06	8.61E-04	1.73E-09	1.0E+06	1.7E-03	5
96	0.29854	6.39E-03	1.9E-03	1.05E-03	1.99E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03	5
97	0.29071	6.39E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03	5
98	0.27894	6.39E-03	1.8E-03	1.05E-03	1.86E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03	5
99	0.26434	6.39E-03	1.7E-03	1.05E-03	1.77E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03	5
100	0.24797	6.39E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03	5
101	0.08177	6.39E-03	5.2E-04	1.05E-03	5.46E-07	8.61E-04	4.70E-10	1.0E+06	4.7E-04	5
102	0.08719	6.39E-03	5.6E-04	1.05E-03	5.83E-07	8.61E-04	5.02E-10	1.0E+06	5.0E-04	5
103	0.09028	6.39E-03	5.8E-04	1.05E-03	6.03E-07	8.61E-04	5.19E-10	1.0E+06	5.2E-04	5
104	0.14013	6.39E-03	9.0E-04	1.05E-03	9.36E-07	8.61E-04	8.06E-10	1.0E+06	8.1E-04	5
105	0.14953	6.39E-03	9.6E-04	1.05E-03	9.99E-07	8.61E-04	8.60E-10	1.0E+06	8.6E-04	5
106	0.15868	6.39E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.13E-10	1.0E+06	9.1E-04	5
107	0.16757	6.39E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.64E-10	1.0E+06	9.6E-04	5
108	0.17643	6.39E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03	5
109	0.18576	6.39E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03	5
110	0.19677	6.39E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03	5
111	0.21144	6.39E-03	1.4E-03	1.05E-03	1.41E-06	8.61E-04	1.22E-09	1.0E+06	1.2E-03	5
112	0.22895	6.39E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03	5
113	0.25068	6.39E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03	5
114	0.2757	6.39E-03	1.8E-03	1.05E-03	1.84E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03	5
115	0.30169	6.39E-03	1.9E-03	1.05E-03	2.02E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03	5
116	0.32523	6.39E-03	2.1E-03	1.05E-03	2.17E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03	5
117	0.34413	6.39E-03	2.2E-03	1.05E-03	2.30E-06	8.61E-04	1.98E-09	1.0E+06	2.0E-03	5
118	0.35593	6.39E-03	2.3E-03	1.05E-03	2.38E-06	8.61E-04	2.05E-09	1.0E+06	2.0E-03	5
119	0.35963	6.39E-03	2.3E-03	1.05E-03	2.40E-06	8.61E-04	2.07E-09	1.0E+06	2.1E-03	5
120	0.3554	6.39E-03	2.3E-03	1.05E-03	2.37E-06	8.61E-04	2.04E-09	1.0E+06	2.0E-03	5
121	0.34432	6.39E-03	2.2E-03	1.05E-03	2.30E-06	8.61E-04	1.98E-09	1.0E+06	2.0E-03	5
122	0.32796	6.39E-03	2.1E-03	1.05E-03	2.19E-06	8.61E-04	1.89E-09	1.0E+06	1.9E-03	5
123	0.30803	6.39E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03	5
124	0.28613	6.39E-03	1.8E-03	1.05E-03	1.91E-06	8.61E-04	1.65E-09	1.0E+06	1.6E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
125	0.08977	6.39E-03	5.7E-04	1.05E-03	6.00E-07	8.61E-04	5.17E-10	1.0E+06	5.2E-04	5
126	0.09625	6.39E-03	6.2E-04	1.05E-03	6.43E-07	8.61E-04	5.54E-10	1.0E+06	5.5E-04	5
127	0.10044	6.39E-03	6.4E-04	1.05E-03	6.71E-07	8.61E-04	5.78E-10	1.0E+06	5.8E-04	5
128	0.1757	6.39E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03	5
129	0.1883	6.39E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03	5
130	0.20065	6.39E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.15E-09	1.0E+06	1.2E-03	5
131	0.21291	6.39E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03	5
132	0.22593	6.39E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03	5
133	0.24214	6.39E-03	1.5E-03	1.05E-03	1.62E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03	5
134	0.26264	6.39E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03	5
135	0.28827	6.39E-03	1.8E-03	1.05E-03	1.93E-06	8.61E-04	1.66E-09	1.0E+06	1.7E-03	5
136	0.3197	6.39E-03	2.0E-03	1.05E-03	2.14E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03	5
137	0.35438	6.39E-03	2.3E-03	1.05E-03	2.37E-06	8.61E-04	2.04E-09	1.0E+06	2.0E-03	5
138	0.38758	6.39E-03	2.5E-03	1.05E-03	2.59E-06	8.61E-04	2.23E-09	1.0E+06	2.2E-03	5
139	0.41444	6.39E-03	2.6E-03	1.05E-03	2.77E-06	8.61E-04	2.38E-09	1.0E+06	2.4E-03	5
140	0.43163	6.39E-03	2.8E-03	1.05E-03	2.88E-06	8.61E-04	2.48E-09	1.0E+06	2.5E-03	5
141	0.43697	6.39E-03	2.8E-03	1.05E-03	2.92E-06	8.61E-04	2.51E-09	1.0E+06	2.5E-03	5
142	0.43069	6.39E-03	2.8E-03	1.05E-03	2.88E-06	8.61E-04	2.48E-09	1.0E+06	2.5E-03	5
143	0.41461	6.39E-03	2.7E-03	1.05E-03	2.77E-06	8.61E-04	2.39E-09	1.0E+06	2.4E-03	5
144	0.39132	6.39E-03	2.5E-03	1.05E-03	2.61E-06	8.61E-04	2.25E-09	1.0E+06	2.3E-03	5
145	0.36354	6.39E-03	2.3E-03	1.05E-03	2.43E-06	8.61E-04	2.09E-09	1.0E+06	2.1E-03	5
146	0.33368	6.39E-03	2.1E-03	1.05E-03	2.23E-06	8.61E-04	1.92E-09	1.0E+06	1.9E-03	5
147	0.09873	6.39E-03	6.3E-04	1.05E-03	6.60E-07	8.61E-04	5.68E-10	1.0E+06	5.7E-04	5
148	0.1066	6.39E-03	6.8E-04	1.05E-03	7.12E-07	8.61E-04	6.13E-10	1.0E+06	6.1E-04	5
149	0.11254	6.39E-03	7.2E-04	1.05E-03	7.52E-07	8.61E-04	6.48E-10	1.0E+06	6.5E-04	5
150	0.20949	6.39E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03	5
151	0.22729	6.39E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03	5
152	0.24493	6.39E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03	5
153	0.26255	6.39E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03	5
154	0.28137	6.39E-03	1.8E-03	1.05E-03	1.88E-06	8.61E-04	1.62E-09	1.0E+06	1.6E-03	5
155	0.30617	6.39E-03	2.0E-03	1.05E-03	2.05E-06	8.61E-04	1.76E-09	1.0E+06	1.8E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
156	0.33597	6.39E-03	2.1E-03	1.05E-03	2.24E-06	8.61E-04	1.93E-09	1.0E+06	1.9E-03	5
157	0.37479	6.39E-03	2.4E-03	1.05E-03	2.50E-06	8.61E-04	2.16E-09	1.0E+06	2.2E-03	5
158	0.42114	6.39E-03	2.7E-03	1.05E-03	2.81E-06	8.61E-04	2.42E-09	1.0E+06	2.4E-03	5
159	0.46867	6.39E-03	3.0E-03	1.05E-03	3.13E-06	8.61E-04	2.70E-09	1.0E+06	2.7E-03	5
160	0.50852	6.39E-03	3.3E-03	1.05E-03	3.40E-06	8.61E-04	2.93E-09	1.0E+06	2.9E-03	5
161	0.53453	6.39E-03	3.4E-03	1.05E-03	3.57E-06	8.61E-04	3.08E-09	1.0E+06	3.1E-03	5
162	0.54276	6.39E-03	3.5E-03	1.05E-03	3.63E-06	8.61E-04	3.12E-09	1.0E+06	3.1E-03	5
163	0.53323	6.39E-03	3.4E-03	1.05E-03	3.56E-06	8.61E-04	3.07E-09	1.0E+06	3.1E-03	5
164	0.50915	6.39E-03	3.3E-03	1.05E-03	3.40E-06	8.61E-04	2.93E-09	1.0E+06	2.9E-03	5
165	0.47502	6.39E-03	3.0E-03	1.05E-03	3.17E-06	8.61E-04	2.73E-09	1.0E+06	2.7E-03	5
166	0.43534	6.39E-03	2.8E-03	1.05E-03	2.91E-06	8.61E-04	2.50E-09	1.0E+06	2.5E-03	5
167	0.39378	6.39E-03	2.5E-03	1.05E-03	2.63E-06	8.61E-04	2.27E-09	1.0E+06	2.3E-03	5
168	0.35302	6.39E-03	2.3E-03	1.05E-03	2.36E-06	8.61E-04	2.03E-09	1.0E+06	2.0E-03	5
169	0.10868	6.39E-03	6.9E-04	1.05E-03	7.26E-07	8.61E-04	6.25E-10	1.0E+06	6.3E-04	5
170	0.11828	6.39E-03	7.6E-04	1.05E-03	7.90E-07	8.61E-04	6.81E-10	1.0E+06	6.8E-04	5
171	0.12681	6.39E-03	8.1E-04	1.05E-03	8.47E-07	8.61E-04	7.30E-10	1.0E+06	7.3E-04	5
172	0.13532	6.39E-03	8.7E-04	1.05E-03	9.04E-07	8.61E-04	7.79E-10	1.0E+06	7.8E-04	5
173	0.25397	6.39E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03	5
174	0.28001	6.39E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03	5
175	0.30627	6.39E-03	2.0E-03	1.05E-03	2.05E-06	8.61E-04	1.76E-09	1.0E+06	1.8E-03	5
176	0.33256	6.39E-03	2.1E-03	1.05E-03	2.22E-06	8.61E-04	1.91E-09	1.0E+06	1.9E-03	5
177	0.36181	6.39E-03	2.3E-03	1.05E-03	2.42E-06	8.61E-04	2.08E-09	1.0E+06	2.1E-03	5
178	0.39905	6.39E-03	2.6E-03	1.05E-03	2.67E-06	8.61E-04	2.30E-09	1.0E+06	2.3E-03	5
179	0.44601	6.39E-03	2.9E-03	1.05E-03	2.98E-06	8.61E-04	2.57E-09	1.0E+06	2.6E-03	5
180	0.50722	6.39E-03	3.2E-03	1.05E-03	3.39E-06	8.61E-04	2.92E-09	1.0E+06	2.9E-03	5
181	0.57587	6.39E-03	3.7E-03	1.05E-03	3.85E-06	8.61E-04	3.31E-09	1.0E+06	3.3E-03	5
182	0.63769	6.39E-03	4.1E-03	1.05E-03	4.26E-06	8.61E-04	3.67E-09	1.0E+06	3.7E-03	5
183	0.53008	6.39E-03	3.4E-03	1.05E-03	3.54E-06	8.61E-04	3.05E-09	1.0E+06	3.0E-03	5
184	0.47086	6.39E-03	3.0E-03	1.05E-03	3.15E-06	8.61E-04	2.71E-09	1.0E+06	2.7E-03	5
185	0.13132	6.39E-03	8.4E-04	1.05E-03	8.77E-07	8.61E-04	7.56E-10	1.0E+06	7.6E-04	5
186	0.14304	6.39E-03	9.1E-04	1.05E-03	9.56E-07	8.61E-04	8.23E-10	1.0E+06	8.2E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
187	0.15384	6.39E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.85E-10	1.0E+06	8.9E-04	5
188	0.31372	6.39E-03	2.0E-03	1.05E-03	2.10E-06	8.61E-04	1.81E-09	1.0E+06	1.8E-03	5
189	0.35324	6.39E-03	2.3E-03	1.05E-03	2.36E-06	8.61E-04	2.03E-09	1.0E+06	2.0E-03	5
190	0.39417	6.39E-03	2.5E-03	1.05E-03	2.63E-06	8.61E-04	2.27E-09	1.0E+06	2.3E-03	5
191	0.4359	6.39E-03	2.8E-03	1.05E-03	2.91E-06	8.61E-04	2.51E-09	1.0E+06	2.5E-03	5
192	0.48463	6.39E-03	3.1E-03	1.05E-03	3.24E-06	8.61E-04	2.79E-09	1.0E+06	2.8E-03	5
193	0.54273	6.39E-03	3.5E-03	1.05E-03	3.63E-06	8.61E-04	3.12E-09	1.0E+06	3.1E-03	5
194	0.6216	6.39E-03	4.0E-03	1.05E-03	4.15E-06	8.61E-04	3.58E-09	1.0E+06	3.6E-03	5
195	0.72088	6.39E-03	4.6E-03	1.05E-03	4.82E-06	8.61E-04	4.15E-09	1.0E+06	4.1E-03	5
196	0.82033	6.39E-03	5.2E-03	1.05E-03	5.48E-06	8.61E-04	4.72E-09	1.0E+06	4.7E-03	5
197	0.89124	6.39E-03	5.7E-03	1.05E-03	5.96E-06	8.61E-04	5.13E-09	1.0E+06	5.1E-03	5
198	0.15988	6.39E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.20E-10	1.0E+06	9.2E-04	5
199	0.1763	6.39E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03	5
200	0.17924	6.39E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03	5
201	0.20157	6.39E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03	5
202	0.22409	6.39E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03	5
203	0.2283	6.39E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03	5
204	0.26277	6.39E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03	5
205	0.30179	6.39E-03	1.9E-03	1.05E-03	2.02E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03	5
206	0.30281	6.39E-03	1.9E-03	1.05E-03	2.02E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03	5
207	0.35725	6.39E-03	2.3E-03	1.05E-03	2.39E-06	8.61E-04	2.06E-09	1.0E+06	2.1E-03	5
208	0.42786	6.39E-03	2.7E-03	1.05E-03	2.86E-06	8.61E-04	2.46E-09	1.0E+06	2.5E-03	5
209	0.3456	6.39E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03	5
210	0.42137	6.39E-03	2.7E-03	1.05E-03	2.82E-06	8.61E-04	2.42E-09	1.0E+06	2.4E-03	5
211	0.51626	6.39E-03	3.3E-03	1.05E-03	3.45E-06	8.61E-04	2.97E-09	1.0E+06	3.0E-03	5
212	0.49	6.39E-03	3.1E-03	1.05E-03	3.27E-06	8.61E-04	2.82E-09	1.0E+06	2.8E-03	5
213	0.62649	6.39E-03	4.0E-03	1.05E-03	4.19E-06	8.61E-04	3.60E-09	1.0E+06	3.6E-03	5
214	0.81046	6.39E-03	5.2E-03	1.05E-03	5.42E-06	8.61E-04	4.66E-09	1.0E+06	4.7E-03	5
215	0.56797	6.39E-03	3.6E-03	1.05E-03	3.80E-06	8.61E-04	3.27E-09	1.0E+06	3.3E-03	5
216	0.74312	6.39E-03	4.8E-03	1.05E-03	4.97E-06	8.61E-04	4.28E-09	1.0E+06	4.3E-03	5
217	0.99196	6.39E-03	6.3E-03	1.05E-03	6.63E-06	8.61E-04	5.71E-09	1.0E+06	5.7E-03	5



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
218	1.17731	6.39E-03	7.5E-03	1.05E-03	7.87E-06	8.61E-04	6.77E-09	1.0E+06	6.8E-03	5
219	1.71387	6.39E-03	1.1E-02	1.05E-03	1.15E-05	8.61E-04	9.86E-09	1.0E+06	9.9E-03	5
220	1.29532	6.39E-03	8.3E-03	1.05E-03	8.66E-06	8.61E-04	7.45E-09	1.0E+06	7.5E-03	5
221	1.81345	6.39E-03	1.2E-02	1.05E-03	1.21E-05	8.61E-04	1.04E-08	1.0E+06	1.0E-02	5
222	1.27391	6.39E-03	8.1E-03	1.05E-03	8.51E-06	8.61E-04	7.33E-09	1.0E+06	7.3E-03	5
223	1.67545	6.39E-03	1.1E-02	1.05E-03	1.12E-05	8.61E-04	9.64E-09	1.0E+06	9.6E-03	5
224	2.23486	6.39E-03	1.4E-02	1.05E-03	1.49E-05	8.61E-04	1.29E-08	1.0E+06	1.3E-02	5
225	1.39489	6.39E-03	8.9E-03	1.05E-03	9.32E-06	8.61E-04	8.03E-09	1.0E+06	8.0E-03	5
226	1.67498	6.39E-03	1.1E-02	1.05E-03	1.12E-05	8.61E-04	9.64E-09	1.0E+06	9.6E-03	5
227	0.13351	6.39E-03	8.5E-04	1.05E-03	8.92E-07	8.61E-04	7.68E-10	1.0E+06	7.7E-04	5
228	0.11905	6.39E-03	7.6E-04	1.05E-03	7.96E-07	8.61E-04	6.85E-10	1.0E+06	6.8E-04	5
229	0.10687	6.39E-03	6.8E-04	1.05E-03	7.14E-07	8.61E-04	6.15E-10	1.0E+06	6.1E-04	5
230	0.09652	6.39E-03	6.2E-04	1.05E-03	6.45E-07	8.61E-04	5.55E-10	1.0E+06	5.6E-04	5
231	0.12206	6.39E-03	7.8E-04	1.05E-03	8.16E-07	8.61E-04	7.02E-10	1.0E+06	7.0E-04	5
232	0.10961	6.39E-03	7.0E-04	1.05E-03	7.32E-07	8.61E-04	6.31E-10	1.0E+06	6.3E-04	5
233	0.09901	6.39E-03	6.3E-04	1.05E-03	6.62E-07	8.61E-04	5.70E-10	1.0E+06	5.7E-04	5
234	0.08991	6.39E-03	5.7E-04	1.05E-03	6.01E-07	8.61E-04	5.17E-10	1.0E+06	5.2E-04	5
235	0.11181	6.39E-03	7.1E-04	1.05E-03	7.47E-07	8.61E-04	6.43E-10	1.0E+06	6.4E-04	5
236	0.1011	6.39E-03	6.5E-04	1.05E-03	6.76E-07	8.61E-04	5.82E-10	1.0E+06	5.8E-04	5
237	0.09186	6.39E-03	5.9E-04	1.05E-03	6.14E-07	8.61E-04	5.29E-10	1.0E+06	5.3E-04	5
238	0.08386	6.39E-03	5.4E-04	1.05E-03	5.60E-07	8.61E-04	4.83E-10	1.0E+06	4.8E-04	5
239	0.87752	6.39E-03	5.6E-03	1.05E-03	5.86E-06	8.61E-04	5.05E-09	1.0E+06	5.0E-03	5
240	0.76296	6.39E-03	4.9E-03	1.05E-03	5.10E-06	8.61E-04	4.39E-09	1.0E+06	4.4E-03	5
241	0.6679	6.39E-03	4.3E-03	1.05E-03	4.46E-06	8.61E-04	3.84E-09	1.0E+06	3.8E-03	5
242	0.58852	6.39E-03	3.8E-03	1.05E-03	3.93E-06	8.61E-04	3.39E-09	1.0E+06	3.4E-03	5
243	0.76196	6.39E-03	4.9E-03	1.05E-03	5.09E-06	8.61E-04	4.38E-09	1.0E+06	4.4E-03	5
244	0.67084	6.39E-03	4.3E-03	1.05E-03	4.48E-06	8.61E-04	3.86E-09	1.0E+06	3.9E-03	5
245	0.59359	6.39E-03	3.8E-03	1.05E-03	3.97E-06	8.61E-04	3.42E-09	1.0E+06	3.4E-03	5
246	0.52788	6.39E-03	3.4E-03	1.05E-03	3.53E-06	8.61E-04	3.04E-09	1.0E+06	3.0E-03	5
247	0.66622	6.39E-03	4.3E-03	1.05E-03	4.45E-06	8.61E-04	3.83E-09	1.0E+06	3.8E-03	5
248	0.59307	6.39E-03	3.8E-03	1.05E-03	3.96E-06	8.61E-04	3.41E-09	1.0E+06	3.4E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
249	0.52983	6.39E-03	3.4E-03	1.05E-03	3.54E-06	8.61E-04	3.05E-09	1.0E+06	3.0E-03	5
250	0.47508	6.39E-03	3.0E-03	1.05E-03	3.17E-06	8.61E-04	2.73E-09	1.0E+06	2.7E-03	5
251	0.27447	6.39E-03	1.8E-03	1.05E-03	1.83E-06	8.61E-04	1.58E-09	1.0E+06	1.6E-03	5
252	0.25406	6.39E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03	5
253	0.31777	6.39E-03	2.0E-03	1.05E-03	2.12E-06	8.61E-04	1.83E-09	1.0E+06	1.8E-03	5
254	0.29435	6.39E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03	5
255	0.25336	6.39E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03	5
256	0.23553	6.39E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03	5
257	0.19125	6.39E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03	5
258	0.28986	6.39E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03	5
259	0.26984	6.39E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.6E-03	5
260	0.25132	6.39E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.45E-09	1.0E+06	1.4E-03	5
261	0.23433	6.39E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03	5
262	0.21873	6.39E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03	5
263	0.17947	6.39E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03	5
264	0.24799	6.39E-03	1.6E-03	1.05E-03	1.66E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03	5
265	0.23201	6.39E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.33E-09	1.0E+06	1.3E-03	5
266	0.21719	6.39E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.2E-03	5
267	0.20349	6.39E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03	5
268	0.16865	6.39E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.70E-10	1.0E+06	9.7E-04	5
269	0.2553	6.39E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03	5
270	0.21802	6.39E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.25E-09	1.0E+06	1.3E-03	5
271	0.18833	6.39E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03	5
272	0.16435	6.39E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.46E-10	1.0E+06	9.5E-04	5
273	0.14474	6.39E-03	9.3E-04	1.05E-03	9.67E-07	8.61E-04	8.33E-10	1.0E+06	8.3E-04	5
274	0.12855	6.39E-03	8.2E-04	1.05E-03	8.59E-07	8.61E-04	7.40E-10	1.0E+06	7.4E-04	5
275	0.11502	6.39E-03	7.4E-04	1.05E-03	7.69E-07	8.61E-04	6.62E-10	1.0E+06	6.6E-04	5
276	0.22935	6.39E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03	5
277	0.19682	6.39E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03	5
278	0.17085	6.39E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.83E-10	1.0E+06	9.8E-04	5
279	0.1498	6.39E-03	9.6E-04	1.05E-03	1.00E-06	8.61E-04	8.62E-10	1.0E+06	8.6E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
280	0.13253	6.39E-03	8.5E-04	1.05E-03	8.86E-07	8.61E-04	7.63E-10	1.0E+06	7.6E-04	5
281	0.11822	6.39E-03	7.6E-04	1.05E-03	7.90E-07	8.61E-04	6.80E-10	1.0E+06	6.8E-04	5
282	0.10621	6.39E-03	6.8E-04	1.05E-03	7.10E-07	8.61E-04	6.11E-10	1.0E+06	6.1E-04	5
283	0.20484	6.39E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03	5
284	0.17701	6.39E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03	5
285	0.15465	6.39E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.90E-10	1.0E+06	8.9E-04	5
286	0.13639	6.39E-03	8.7E-04	1.05E-03	9.11E-07	8.61E-04	7.85E-10	1.0E+06	7.8E-04	5
287	0.12132	6.39E-03	7.8E-04	1.05E-03	8.11E-07	8.61E-04	6.98E-10	1.0E+06	7.0E-04	5
288	0.10874	6.39E-03	7.0E-04	1.05E-03	7.27E-07	8.61E-04	6.26E-10	1.0E+06	6.3E-04	5
289	0.09814	6.39E-03	6.3E-04	1.05E-03	6.56E-07	8.61E-04	5.65E-10	1.0E+06	5.6E-04	5
290	0.18305	6.39E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03	5
291	0.15943	6.39E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.17E-10	1.0E+06	9.2E-04	5
292	0.14024	6.39E-03	9.0E-04	1.05E-03	9.37E-07	8.61E-04	8.07E-10	1.0E+06	8.1E-04	5
293	0.12445	6.39E-03	8.0E-04	1.05E-03	8.32E-07	8.61E-04	7.16E-10	1.0E+06	7.2E-04	5
294	0.11131	6.39E-03	7.1E-04	1.05E-03	7.44E-07	8.61E-04	6.40E-10	1.0E+06	6.4E-04	5
295	0.10027	6.39E-03	6.4E-04	1.05E-03	6.70E-07	8.61E-04	5.77E-10	1.0E+06	5.8E-04	5
296	0.0909	6.39E-03	5.8E-04	1.05E-03	6.07E-07	8.61E-04	5.23E-10	1.0E+06	5.2E-04	5
297	0.16446	6.39E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.46E-10	1.0E+06	9.5E-04	5
298	0.14431	6.39E-03	9.2E-04	1.05E-03	9.64E-07	8.61E-04	8.30E-10	1.0E+06	8.3E-04	5
299	0.12778	6.39E-03	8.2E-04	1.05E-03	8.54E-07	8.61E-04	7.35E-10	1.0E+06	7.4E-04	5
300	0.11407	6.39E-03	7.3E-04	1.05E-03	7.62E-07	8.61E-04	6.56E-10	1.0E+06	6.6E-04	5
301	0.10257	6.39E-03	6.6E-04	1.05E-03	6.85E-07	8.61E-04	5.90E-10	1.0E+06	5.9E-04	5
302	0.09283	6.39E-03	5.9E-04	1.05E-03	6.20E-07	8.61E-04	5.34E-10	1.0E+06	5.3E-04	5
303	0.08451	6.39E-03	5.4E-04	1.05E-03	5.65E-07	8.61E-04	4.86E-10	1.0E+06	4.9E-04	5
304	0.14877	6.39E-03	9.5E-04	1.05E-03	9.94E-07	8.61E-04	8.56E-10	1.0E+06	8.6E-04	5
305	0.13146	6.39E-03	8.4E-04	1.05E-03	8.78E-07	8.61E-04	7.56E-10	1.0E+06	7.6E-04	5
306	0.11712	6.39E-03	7.5E-04	1.05E-03	7.83E-07	8.61E-04	6.74E-10	1.0E+06	6.7E-04	5
307	0.10512	6.39E-03	6.7E-04	1.05E-03	7.02E-07	8.61E-04	6.05E-10	1.0E+06	6.0E-04	5
308	0.09498	6.39E-03	6.1E-04	1.05E-03	6.35E-07	8.61E-04	5.46E-10	1.0E+06	5.5E-04	5
309	0.08634	6.39E-03	5.5E-04	1.05E-03	5.77E-07	8.61E-04	4.97E-10	1.0E+06	5.0E-04	5
310	0.07891	6.39E-03	5.0E-04	1.05E-03	5.27E-07	8.61E-04	4.54E-10	1.0E+06	4.5E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			Risk/ Million	REL
				Constant	Dose	Risk	Risk	Constant 2		
311	0.13557	6.39E-03	8.7E-04	1.05E-03	9.06E-07	8.61E-04	7.80E-10	1.0E+06	7.8E-04	5
312	0.12053	6.39E-03	7.7E-04	1.05E-03	8.05E-07	8.61E-04	6.93E-10	1.0E+06	6.9E-04	5
313	0.10799	6.39E-03	6.9E-04	1.05E-03	7.22E-07	8.61E-04	6.21E-10	1.0E+06	6.2E-04	5
314	0.09741	6.39E-03	6.2E-04	1.05E-03	6.51E-07	8.61E-04	5.60E-10	1.0E+06	5.6E-04	5
315	0.0884	6.39E-03	5.7E-04	1.05E-03	5.91E-07	8.61E-04	5.09E-10	1.0E+06	5.1E-04	5
316	0.08067	6.39E-03	5.2E-04	1.05E-03	5.39E-07	8.61E-04	4.64E-10	1.0E+06	4.6E-04	5
317	0.07399	6.39E-03	4.7E-04	1.05E-03	4.94E-07	8.61E-04	4.26E-10	1.0E+06	4.3E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk**

<b>Chronic Non Cancer Risk</b>	
<b>Receptor #</b>	<b>HI</b>
1	7.45E-05
2	7.83E-05
3	7.97E-05
4	1.08E-04
5	1.12E-04
6	1.16E-04
7	1.20E-04
8	1.24E-04
9	1.28E-04
10	1.33E-04
11	1.38E-04
12	1.44E-04
13	1.53E-04
14	1.63E-04
15	1.74E-04
16	1.86E-04
17	1.99E-04
18	2.12E-04
19	2.23E-04
20	2.33E-04
21	2.40E-04
22	2.45E-04
23	2.47E-04
24	2.46E-04
25	2.42E-04
26	8.06E-05
27	8.50E-05
28	8.66E-05
29	1.21E-04
30	1.26E-04
31	1.32E-04

<b>Max</b>	<b>Receptor #</b>
0.003	224

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
32	1.37E-04
33	1.41E-04
34	1.47E-04
35	1.52E-04
36	1.59E-04
37	1.68E-04
38	1.79E-04
39	1.92E-04
40	2.06E-04
41	2.22E-04
42	2.38E-04
43	2.53E-04
44	2.65E-04
45	2.75E-04
46	2.81E-04
47	2.83E-04
48	2.81E-04
49	2.76E-04
50	2.68E-04
51	8.76E-05
52	9.26E-05
53	9.47E-05
54	1.37E-04
55	1.44E-04
56	1.50E-04
57	1.57E-04
58	1.63E-04
59	1.70E-04
60	1.77E-04
61	1.86E-04
62	1.98E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
63	2.13E-04
64	2.30E-04
65	2.49E-04
66	2.69E-04
67	2.88E-04
68	3.05E-04
69	3.18E-04
70	3.25E-04
71	3.28E-04
72	3.25E-04
73	3.18E-04
74	3.07E-04
75	2.93E-04
76	9.55E-05
77	1.01E-04
78	1.04E-04
79	1.56E-04
80	1.65E-04
81	1.74E-04
82	1.82E-04
83	1.90E-04
84	1.99E-04
85	2.09E-04
86	2.22E-04
87	2.39E-04
88	2.58E-04
89	2.81E-04
90	3.07E-04
91	3.32E-04
92	3.54E-04
93	3.71E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
94	3.82E-04
95	3.85E-04
96	3.82E-04
97	3.72E-04
98	3.57E-04
99	3.38E-04
100	3.17E-04
101	1.05E-04
102	1.11E-04
103	1.15E-04
104	1.79E-04
105	1.91E-04
106	2.03E-04
107	2.14E-04
108	2.26E-04
109	2.38E-04
110	2.52E-04
111	2.70E-04
112	2.93E-04
113	3.21E-04
114	3.53E-04
115	3.86E-04
116	4.16E-04
117	4.40E-04
118	4.55E-04
119	4.60E-04
120	4.54E-04
121	4.40E-04
122	4.19E-04
123	3.94E-04
124	3.66E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
125	1.15E-04
126	1.23E-04
127	1.28E-04
128	2.25E-04
129	2.41E-04
130	2.57E-04
131	2.72E-04
132	2.89E-04
133	3.10E-04
134	3.36E-04
135	3.69E-04
136	4.09E-04
137	4.53E-04
138	4.96E-04
139	5.30E-04
140	5.52E-04
141	5.59E-04
142	5.51E-04
143	5.30E-04
144	5.00E-04
145	4.65E-04
146	4.27E-04
147	1.26E-04
148	1.36E-04
149	1.44E-04
150	2.68E-04
151	2.91E-04
152	3.13E-04
153	3.36E-04
154	3.60E-04
155	3.91E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
156	4.30E-04
157	4.79E-04
158	5.38E-04
159	5.99E-04
160	6.50E-04
161	6.83E-04
162	6.94E-04
163	6.82E-04
164	6.51E-04
165	6.07E-04
166	5.57E-04
167	5.03E-04
168	4.51E-04
169	1.39E-04
170	1.51E-04
171	1.62E-04
172	1.73E-04
173	3.25E-04
174	3.58E-04
175	3.92E-04
176	4.25E-04
177	4.63E-04
178	5.10E-04
179	5.70E-04
180	6.49E-04
181	7.36E-04
182	8.15E-04
183	6.78E-04
184	6.02E-04
185	1.68E-04
186	1.83E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
187	1.97E-04
188	4.01E-04
189	4.52E-04
190	5.04E-04
191	5.57E-04
192	6.20E-04
193	6.94E-04
194	7.95E-04
195	9.22E-04
196	1.05E-03
197	1.14E-03
198	2.04E-04
199	2.25E-04
200	2.29E-04
201	2.58E-04
202	2.87E-04
203	2.92E-04
204	3.36E-04
205	3.86E-04
206	3.87E-04
207	4.57E-04
208	5.47E-04
209	4.42E-04
210	5.39E-04
211	6.60E-04
212	6.27E-04
213	8.01E-04
214	1.04E-03
215	7.26E-04
216	9.50E-04
217	1.27E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
218	1.51E-03
219	2.19E-03
220	1.66E-03
221	2.32E-03
222	1.63E-03
223	2.14E-03
224	2.86E-03
225	1.78E-03
226	2.14E-03
227	1.71E-04
228	1.52E-04
229	1.37E-04
230	1.23E-04
231	1.56E-04
232	1.40E-04
233	1.27E-04
234	1.15E-04
235	1.43E-04
236	1.29E-04
237	1.17E-04
238	1.07E-04
239	1.12E-03
240	9.76E-04
241	8.54E-04
242	7.52E-04
243	9.74E-04
244	8.58E-04
245	7.59E-04
246	6.75E-04
247	8.52E-04
248	7.58E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
249	6.77E-04
250	6.07E-04
251	3.51E-04
252	3.25E-04
253	4.06E-04
254	3.76E-04
255	3.24E-04
256	3.01E-04
257	2.45E-04
258	3.71E-04
259	3.45E-04
260	3.21E-04
261	3.00E-04
262	2.80E-04
263	2.29E-04
264	3.17E-04
265	2.97E-04
266	2.78E-04
267	2.60E-04
268	2.16E-04
269	3.26E-04
270	2.79E-04
271	2.41E-04
272	2.10E-04
273	1.85E-04
274	1.64E-04
275	1.47E-04
276	2.93E-04
277	2.52E-04
278	2.18E-04
279	1.92E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
280	1.69E-04
281	1.51E-04
282	1.36E-04
283	2.62E-04
284	2.26E-04
285	1.98E-04
286	1.74E-04
287	1.55E-04
288	1.39E-04
289	1.25E-04
290	2.34E-04
291	2.04E-04
292	1.79E-04
293	1.59E-04
294	1.42E-04
295	1.28E-04
296	1.16E-04
297	2.10E-04
298	1.85E-04
299	1.63E-04
300	1.46E-04
301	1.31E-04
302	1.19E-04
303	1.08E-04
304	1.90E-04
305	1.68E-04
306	1.50E-04
307	1.34E-04
308	1.21E-04
309	1.10E-04
310	1.01E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Site Preparation Risk**

*Chronic Non Cancer Risk*

Receptor #	HI
311	1.73E-04
312	1.54E-04
313	1.38E-04
314	1.25E-04
315	1.13E-04
316	1.03E-04
317	9.46E-05

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Parcel 8-E: Unmitigated - Parcel 8 - Grading Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05827	7.62E-03	4.4E-04	1.05E-03	4.64E-07	8.61E-04	3.99E-10	1.0E+06	4.0E-04
2	0.06124	7.62E-03	4.7E-04	1.05E-03	4.87E-07	8.61E-04	4.20E-10	1.0E+06	4.2E-04
3	0.06233	7.62E-03	4.7E-04	1.05E-03	4.96E-07	8.61E-04	4.27E-10	1.0E+06	4.3E-04
4	0.08442	7.62E-03	6.4E-04	1.05E-03	6.72E-07	8.61E-04	5.79E-10	1.0E+06	5.8E-04
5	0.08775	7.62E-03	6.7E-04	1.05E-03	6.98E-07	8.61E-04	6.01E-10	1.0E+06	6.0E-04
6	0.09093	7.62E-03	6.9E-04	1.05E-03	7.24E-07	8.61E-04	6.23E-10	1.0E+06	6.2E-04
7	0.09397	7.62E-03	7.2E-04	1.05E-03	7.48E-07	8.61E-04	6.44E-10	1.0E+06	6.4E-04
8	0.097	7.62E-03	7.4E-04	1.05E-03	7.72E-07	8.61E-04	6.65E-10	1.0E+06	6.6E-04
9	0.10015	7.62E-03	7.6E-04	1.05E-03	7.97E-07	8.61E-04	6.86E-10	1.0E+06	6.9E-04
10	0.10366	7.62E-03	7.9E-04	1.05E-03	8.25E-07	8.61E-04	7.10E-10	1.0E+06	7.1E-04
11	0.1078	7.62E-03	8.2E-04	1.05E-03	8.58E-07	8.61E-04	7.39E-10	1.0E+06	7.4E-04
12	0.11292	7.62E-03	8.6E-04	1.05E-03	8.99E-07	8.61E-04	7.74E-10	1.0E+06	7.7E-04
13	0.11945	7.62E-03	9.1E-04	1.05E-03	9.51E-07	8.61E-04	8.19E-10	1.0E+06	8.2E-04
14	0.12711	7.62E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.71E-10	1.0E+06	8.7E-04
15	0.13589	7.62E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.31E-10	1.0E+06	9.3E-04
16	0.14559	7.62E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.98E-10	1.0E+06	1.0E-03
17	0.15558	7.62E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
18	0.16543	7.62E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
19	0.1745	7.62E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
20	0.1822	7.62E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.2E-03
21	0.18805	7.62E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
22	0.1917	7.62E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
23	0.19303	7.62E-03	1.5E-03	1.05E-03	1.54E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
24	0.19207	7.62E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
25	0.189	7.62E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
26	0.06305	7.62E-03	4.8E-04	1.05E-03	5.02E-07	8.61E-04	4.32E-10	1.0E+06	4.3E-04
27	0.06644	7.62E-03	5.1E-04	1.05E-03	5.29E-07	8.61E-04	4.55E-10	1.0E+06	4.6E-04
28	0.06776	7.62E-03	5.2E-04	1.05E-03	5.39E-07	8.61E-04	4.64E-10	1.0E+06	4.6E-04
29	0.09463	7.62E-03	7.2E-04	1.05E-03	7.53E-07	8.61E-04	6.49E-10	1.0E+06	6.5E-04
30	0.09885	7.62E-03	7.5E-04	1.05E-03	7.87E-07	8.61E-04	6.77E-10	1.0E+06	6.8E-04
31	0.1029	7.62E-03	7.8E-04	1.05E-03	8.19E-07	8.61E-04	7.05E-10	1.0E+06	7.1E-04

<b>Max</b>	<b>Receptor #</b>
0.015	224

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
32	0.10678	7.62E-03	8.1E-04	1.05E-03	8.50E-07	8.61E-04	7.32E-10	1.0E+06	7.3E-04
33	0.1106	7.62E-03	8.4E-04	1.05E-03	8.80E-07	8.61E-04	7.58E-10	1.0E+06	7.6E-04
34	0.11459	7.62E-03	8.7E-04	1.05E-03	9.12E-07	8.61E-04	7.85E-10	1.0E+06	7.9E-04
35	0.11907	7.62E-03	9.1E-04	1.05E-03	9.48E-07	8.61E-04	8.16E-10	1.0E+06	8.2E-04
36	0.12441	7.62E-03	9.5E-04	1.05E-03	9.90E-07	8.61E-04	8.53E-10	1.0E+06	8.5E-04
37	0.13137	7.62E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.00E-10	1.0E+06	9.0E-04
38	0.13999	7.62E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.59E-10	1.0E+06	9.6E-04
39	0.14994	7.62E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
40	0.16134	7.62E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
41	0.17369	7.62E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
42	0.18592	7.62E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
43	0.19748	7.62E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.4E-03
44	0.2074	7.62E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03
45	0.21496	7.62E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03
46	0.21966	7.62E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
47	0.22129	7.62E-03	1.7E-03	1.05E-03	1.76E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
48	0.21989	7.62E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
49	0.21576	7.62E-03	1.6E-03	1.05E-03	1.72E-06	8.61E-04	1.48E-09	1.0E+06	1.5E-03
50	0.2093	7.62E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.43E-09	1.0E+06	1.4E-03
51	0.06849	7.62E-03	5.2E-04	1.05E-03	5.45E-07	8.61E-04	4.69E-10	1.0E+06	4.7E-04
52	0.07241	7.62E-03	5.5E-04	1.05E-03	5.76E-07	8.61E-04	4.96E-10	1.0E+06	5.0E-04
53	0.07409	7.62E-03	5.6E-04	1.05E-03	5.90E-07	8.61E-04	5.08E-10	1.0E+06	5.1E-04
54	0.10691	7.62E-03	8.1E-04	1.05E-03	8.51E-07	8.61E-04	7.33E-10	1.0E+06	7.3E-04
55	0.11233	7.62E-03	8.6E-04	1.05E-03	8.94E-07	8.61E-04	7.70E-10	1.0E+06	7.7E-04
56	0.11753	7.62E-03	9.0E-04	1.05E-03	9.35E-07	8.61E-04	8.06E-10	1.0E+06	8.1E-04
57	0.12255	7.62E-03	9.3E-04	1.05E-03	9.75E-07	8.61E-04	8.40E-10	1.0E+06	8.4E-04
58	0.12748	7.62E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.74E-10	1.0E+06	8.7E-04
59	0.13267	7.62E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.09E-10	1.0E+06	9.1E-04
60	0.13854	7.62E-03	1.1E-03	1.05E-03	1.10E-06	8.61E-04	9.50E-10	1.0E+06	9.5E-04
61	0.14563	7.62E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	9.98E-10	1.0E+06	1.0E-03
62	0.1551	7.62E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.16656	7.62E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
64	0.1799	7.62E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
65	0.19486	7.62E-03	1.5E-03	1.05E-03	1.55E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
66	0.21047	7.62E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03
67	0.22529	7.62E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03
68	0.23831	7.62E-03	1.8E-03	1.05E-03	1.90E-06	8.61E-04	1.63E-09	1.0E+06	1.6E-03
69	0.24832	7.62E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03
70	0.25453	7.62E-03	1.9E-03	1.05E-03	2.03E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03
71	0.25658	7.62E-03	2.0E-03	1.05E-03	2.04E-06	8.61E-04	1.76E-09	1.0E+06	1.8E-03
72	0.25457	7.62E-03	1.9E-03	1.05E-03	2.03E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03
73	0.24893	7.62E-03	1.9E-03	1.05E-03	1.98E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03
74	0.24029	7.62E-03	1.8E-03	1.05E-03	1.91E-06	8.61E-04	1.65E-09	1.0E+06	1.6E-03
75	0.22939	7.62E-03	1.7E-03	1.05E-03	1.83E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03
76	0.07471	7.62E-03	5.7E-04	1.05E-03	5.95E-07	8.61E-04	5.12E-10	1.0E+06	5.1E-04
77	0.07927	7.62E-03	6.0E-04	1.05E-03	6.31E-07	8.61E-04	5.43E-10	1.0E+06	5.4E-04
78	0.08153	7.62E-03	6.2E-04	1.05E-03	6.49E-07	8.61E-04	5.59E-10	1.0E+06	5.6E-04
79	0.12182	7.62E-03	9.3E-04	1.05E-03	9.70E-07	8.61E-04	8.35E-10	1.0E+06	8.3E-04
80	0.12889	7.62E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.83E-10	1.0E+06	8.8E-04
81	0.1357	7.62E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.30E-10	1.0E+06	9.3E-04
82	0.14229	7.62E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.75E-10	1.0E+06	9.8E-04
83	0.14884	7.62E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
84	0.15573	7.62E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
85	0.1636	7.62E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
86	0.17387	7.62E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
87	0.18661	7.62E-03	1.4E-03	1.05E-03	1.49E-06	8.61E-04	1.28E-09	1.0E+06	1.3E-03
88	0.20202	7.62E-03	1.5E-03	1.05E-03	1.61E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
89	0.22015	7.62E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
90	0.23995	7.62E-03	1.8E-03	1.05E-03	1.91E-06	8.61E-04	1.64E-09	1.0E+06	1.6E-03
91	0.25935	7.62E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
92	0.27675	7.62E-03	2.1E-03	1.05E-03	2.20E-06	8.61E-04	1.90E-09	1.0E+06	1.9E-03
93	0.29032	7.62E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.29874	7.62E-03	2.3E-03	1.05E-03	2.38E-06	8.61E-04	2.05E-09	1.0E+06	2.0E-03
95	0.30144	7.62E-03	2.3E-03	1.05E-03	2.40E-06	8.61E-04	2.07E-09	1.0E+06	2.1E-03
96	0.29854	7.62E-03	2.3E-03	1.05E-03	2.38E-06	8.61E-04	2.05E-09	1.0E+06	2.0E-03
97	0.29071	7.62E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03
98	0.27894	7.62E-03	2.1E-03	1.05E-03	2.22E-06	8.61E-04	1.91E-09	1.0E+06	1.9E-03
99	0.26434	7.62E-03	2.0E-03	1.05E-03	2.10E-06	8.61E-04	1.81E-09	1.0E+06	1.8E-03
100	0.24797	7.62E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03
101	0.08177	7.62E-03	6.2E-04	1.05E-03	6.51E-07	8.61E-04	5.60E-10	1.0E+06	5.6E-04
102	0.08719	7.62E-03	6.6E-04	1.05E-03	6.94E-07	8.61E-04	5.98E-10	1.0E+06	6.0E-04
103	0.09028	7.62E-03	6.9E-04	1.05E-03	7.19E-07	8.61E-04	6.19E-10	1.0E+06	6.2E-04
104	0.14013	7.62E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.60E-10	1.0E+06	9.6E-04
105	0.14953	7.62E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
106	0.15868	7.62E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
107	0.16757	7.62E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03
108	0.17643	7.62E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
109	0.18576	7.62E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
110	0.19677	7.62E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03
111	0.21144	7.62E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.45E-09	1.0E+06	1.4E-03
112	0.22895	7.62E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03
113	0.25068	7.62E-03	1.9E-03	1.05E-03	2.00E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03
114	0.2757	7.62E-03	2.1E-03	1.05E-03	2.19E-06	8.61E-04	1.89E-09	1.0E+06	1.9E-03
115	0.30169	7.62E-03	2.3E-03	1.05E-03	2.40E-06	8.61E-04	2.07E-09	1.0E+06	2.1E-03
116	0.32523	7.62E-03	2.5E-03	1.05E-03	2.59E-06	8.61E-04	2.23E-09	1.0E+06	2.2E-03
117	0.34413	7.62E-03	2.6E-03	1.05E-03	2.74E-06	8.61E-04	2.36E-09	1.0E+06	2.4E-03
118	0.35593	7.62E-03	2.7E-03	1.05E-03	2.83E-06	8.61E-04	2.44E-09	1.0E+06	2.4E-03
119	0.35963	7.62E-03	2.7E-03	1.05E-03	2.86E-06	8.61E-04	2.46E-09	1.0E+06	2.5E-03
120	0.3554	7.62E-03	2.7E-03	1.05E-03	2.83E-06	8.61E-04	2.44E-09	1.0E+06	2.4E-03
121	0.34432	7.62E-03	2.6E-03	1.05E-03	2.74E-06	8.61E-04	2.36E-09	1.0E+06	2.4E-03
122	0.32796	7.62E-03	2.5E-03	1.05E-03	2.61E-06	8.61E-04	2.25E-09	1.0E+06	2.2E-03
123	0.30803	7.62E-03	2.3E-03	1.05E-03	2.45E-06	8.61E-04	2.11E-09	1.0E+06	2.1E-03
124	0.28613	7.62E-03	2.2E-03	1.05E-03	2.28E-06	8.61E-04	1.96E-09	1.0E+06	2.0E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
125	0.08977	7.62E-03	6.8E-04	1.05E-03	7.15E-07	8.61E-04	6.15E-10	1.0E+06	6.2E-04
126	0.09625	7.62E-03	7.3E-04	1.05E-03	7.66E-07	8.61E-04	6.60E-10	1.0E+06	6.6E-04
127	0.10044	7.62E-03	7.6E-04	1.05E-03	7.99E-07	8.61E-04	6.88E-10	1.0E+06	6.9E-04
128	0.1757	7.62E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
129	0.1883	7.62E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
130	0.20065	7.62E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
131	0.21291	7.62E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
132	0.22593	7.62E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.5E-03
133	0.24214	7.62E-03	1.8E-03	1.05E-03	1.93E-06	8.61E-04	1.66E-09	1.0E+06	1.7E-03
134	0.26264	7.62E-03	2.0E-03	1.05E-03	2.09E-06	8.61E-04	1.80E-09	1.0E+06	1.8E-03
135	0.28827	7.62E-03	2.2E-03	1.05E-03	2.29E-06	8.61E-04	1.98E-09	1.0E+06	2.0E-03
136	0.3197	7.62E-03	2.4E-03	1.05E-03	2.54E-06	8.61E-04	2.19E-09	1.0E+06	2.2E-03
137	0.35438	7.62E-03	2.7E-03	1.05E-03	2.82E-06	8.61E-04	2.43E-09	1.0E+06	2.4E-03
138	0.38758	7.62E-03	3.0E-03	1.05E-03	3.08E-06	8.61E-04	2.66E-09	1.0E+06	2.7E-03
139	0.41444	7.62E-03	3.2E-03	1.05E-03	3.30E-06	8.61E-04	2.84E-09	1.0E+06	2.8E-03
140	0.43163	7.62E-03	3.3E-03	1.05E-03	3.44E-06	8.61E-04	2.96E-09	1.0E+06	3.0E-03
141	0.43697	7.62E-03	3.3E-03	1.05E-03	3.48E-06	8.61E-04	2.99E-09	1.0E+06	3.0E-03
142	0.43069	7.62E-03	3.3E-03	1.05E-03	3.43E-06	8.61E-04	2.95E-09	1.0E+06	3.0E-03
143	0.41461	7.62E-03	3.2E-03	1.05E-03	3.30E-06	8.61E-04	2.84E-09	1.0E+06	2.8E-03
144	0.39132	7.62E-03	3.0E-03	1.05E-03	3.11E-06	8.61E-04	2.68E-09	1.0E+06	2.7E-03
145	0.36354	7.62E-03	2.8E-03	1.05E-03	2.89E-06	8.61E-04	2.49E-09	1.0E+06	2.5E-03
146	0.33368	7.62E-03	2.5E-03	1.05E-03	2.66E-06	8.61E-04	2.29E-09	1.0E+06	2.3E-03
147	0.09873	7.62E-03	7.5E-04	1.05E-03	7.86E-07	8.61E-04	6.77E-10	1.0E+06	6.8E-04
148	0.1066	7.62E-03	8.1E-04	1.05E-03	8.48E-07	8.61E-04	7.31E-10	1.0E+06	7.3E-04
149	0.11254	7.62E-03	8.6E-04	1.05E-03	8.96E-07	8.61E-04	7.71E-10	1.0E+06	7.7E-04
150	0.20949	7.62E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03
151	0.22729	7.62E-03	1.7E-03	1.05E-03	1.81E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03
152	0.24493	7.62E-03	1.9E-03	1.05E-03	1.95E-06	8.61E-04	1.68E-09	1.0E+06	1.7E-03
153	0.26255	7.62E-03	2.0E-03	1.05E-03	2.09E-06	8.61E-04	1.80E-09	1.0E+06	1.8E-03
154	0.28137	7.62E-03	2.1E-03	1.05E-03	2.24E-06	8.61E-04	1.93E-09	1.0E+06	1.9E-03
155	0.30617	7.62E-03	2.3E-03	1.05E-03	2.44E-06	8.61E-04	2.10E-09	1.0E+06	2.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
156	0.33597	7.62E-03	2.6E-03	1.05E-03	2.67E-06	8.61E-04	2.30E-09	1.0E+06	2.3E-03
157	0.37479	7.62E-03	2.9E-03	1.05E-03	2.98E-06	8.61E-04	2.57E-09	1.0E+06	2.6E-03
158	0.42114	7.62E-03	3.2E-03	1.05E-03	3.35E-06	8.61E-04	2.89E-09	1.0E+06	2.9E-03
159	0.46867	7.62E-03	3.6E-03	1.05E-03	3.73E-06	8.61E-04	3.21E-09	1.0E+06	3.2E-03
160	0.50852	7.62E-03	3.9E-03	1.05E-03	4.05E-06	8.61E-04	3.49E-09	1.0E+06	3.5E-03
161	0.53453	7.62E-03	4.1E-03	1.05E-03	4.25E-06	8.61E-04	3.66E-09	1.0E+06	3.7E-03
162	0.54276	7.62E-03	4.1E-03	1.05E-03	4.32E-06	8.61E-04	3.72E-09	1.0E+06	3.7E-03
163	0.53323	7.62E-03	4.1E-03	1.05E-03	4.24E-06	8.61E-04	3.65E-09	1.0E+06	3.7E-03
164	0.50915	7.62E-03	3.9E-03	1.05E-03	4.05E-06	8.61E-04	3.49E-09	1.0E+06	3.5E-03
165	0.47502	7.62E-03	3.6E-03	1.05E-03	3.78E-06	8.61E-04	3.26E-09	1.0E+06	3.3E-03
166	0.43534	7.62E-03	3.3E-03	1.05E-03	3.47E-06	8.61E-04	2.98E-09	1.0E+06	3.0E-03
167	0.39378	7.62E-03	3.0E-03	1.05E-03	3.13E-06	8.61E-04	2.70E-09	1.0E+06	2.7E-03
168	0.35302	7.62E-03	2.7E-03	1.05E-03	2.81E-06	8.61E-04	2.42E-09	1.0E+06	2.4E-03
169	0.10868	7.62E-03	8.3E-04	1.05E-03	8.65E-07	8.61E-04	7.45E-10	1.0E+06	7.4E-04
170	0.11828	7.62E-03	9.0E-04	1.05E-03	9.41E-07	8.61E-04	8.11E-10	1.0E+06	8.1E-04
171	0.12681	7.62E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.69E-10	1.0E+06	8.7E-04
172	0.13532	7.62E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.27E-10	1.0E+06	9.3E-04
173	0.25397	7.62E-03	1.9E-03	1.05E-03	2.02E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03
174	0.28001	7.62E-03	2.1E-03	1.05E-03	2.23E-06	8.61E-04	1.92E-09	1.0E+06	1.9E-03
175	0.30627	7.62E-03	2.3E-03	1.05E-03	2.44E-06	8.61E-04	2.10E-09	1.0E+06	2.1E-03
176	0.33256	7.62E-03	2.5E-03	1.05E-03	2.65E-06	8.61E-04	2.28E-09	1.0E+06	2.3E-03
177	0.36181	7.62E-03	2.8E-03	1.05E-03	2.88E-06	8.61E-04	2.48E-09	1.0E+06	2.5E-03
178	0.39905	7.62E-03	3.0E-03	1.05E-03	3.18E-06	8.61E-04	2.73E-09	1.0E+06	2.7E-03
179	0.44601	7.62E-03	3.4E-03	1.05E-03	3.55E-06	8.61E-04	3.06E-09	1.0E+06	3.1E-03
180	0.50722	7.62E-03	3.9E-03	1.05E-03	4.04E-06	8.61E-04	3.48E-09	1.0E+06	3.5E-03
181	0.57587	7.62E-03	4.4E-03	1.05E-03	4.58E-06	8.61E-04	3.95E-09	1.0E+06	3.9E-03
182	0.63769	7.62E-03	4.9E-03	1.05E-03	5.08E-06	8.61E-04	4.37E-09	1.0E+06	4.4E-03
183	0.53008	7.62E-03	4.0E-03	1.05E-03	4.22E-06	8.61E-04	3.63E-09	1.0E+06	3.6E-03
184	0.47086	7.62E-03	3.6E-03	1.05E-03	3.75E-06	8.61E-04	3.23E-09	1.0E+06	3.2E-03
185	0.13132	7.62E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.00E-10	1.0E+06	9.0E-04
186	0.14304	7.62E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.80E-10	1.0E+06	9.8E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
187	0.15384	7.62E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03
188	0.31372	7.62E-03	2.4E-03	1.05E-03	2.50E-06	8.61E-04	2.15E-09	1.0E+06	2.2E-03
189	0.35324	7.62E-03	2.7E-03	1.05E-03	2.81E-06	8.61E-04	2.42E-09	1.0E+06	2.4E-03
190	0.39417	7.62E-03	3.0E-03	1.05E-03	3.14E-06	8.61E-04	2.70E-09	1.0E+06	2.7E-03
191	0.4359	7.62E-03	3.3E-03	1.05E-03	3.47E-06	8.61E-04	2.99E-09	1.0E+06	3.0E-03
192	0.48463	7.62E-03	3.7E-03	1.05E-03	3.86E-06	8.61E-04	3.32E-09	1.0E+06	3.3E-03
193	0.54273	7.62E-03	4.1E-03	1.05E-03	4.32E-06	8.61E-04	3.72E-09	1.0E+06	3.7E-03
194	0.6216	7.62E-03	4.7E-03	1.05E-03	4.95E-06	8.61E-04	4.26E-09	1.0E+06	4.3E-03
195	0.72088	7.62E-03	5.5E-03	1.05E-03	5.74E-06	8.61E-04	4.94E-09	1.0E+06	4.9E-03
196	0.82033	7.62E-03	6.2E-03	1.05E-03	6.53E-06	8.61E-04	5.62E-09	1.0E+06	5.6E-03
197	0.89124	7.62E-03	6.8E-03	1.05E-03	7.09E-06	8.61E-04	6.11E-09	1.0E+06	6.1E-03
198	0.15988	7.62E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
199	0.1763	7.62E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
200	0.17924	7.62E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
201	0.20157	7.62E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
202	0.22409	7.62E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03
203	0.2283	7.62E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03
204	0.26277	7.62E-03	2.0E-03	1.05E-03	2.09E-06	8.61E-04	1.80E-09	1.0E+06	1.8E-03
205	0.30179	7.62E-03	2.3E-03	1.05E-03	2.40E-06	8.61E-04	2.07E-09	1.0E+06	2.1E-03
206	0.30281	7.62E-03	2.3E-03	1.05E-03	2.41E-06	8.61E-04	2.08E-09	1.0E+06	2.1E-03
207	0.35725	7.62E-03	2.7E-03	1.05E-03	2.84E-06	8.61E-04	2.45E-09	1.0E+06	2.4E-03
208	0.42786	7.62E-03	3.3E-03	1.05E-03	3.41E-06	8.61E-04	2.93E-09	1.0E+06	2.9E-03
209	0.3456	7.62E-03	2.6E-03	1.05E-03	2.75E-06	8.61E-04	2.37E-09	1.0E+06	2.4E-03
210	0.42137	7.62E-03	3.2E-03	1.05E-03	3.35E-06	8.61E-04	2.89E-09	1.0E+06	2.9E-03
211	0.51626	7.62E-03	3.9E-03	1.05E-03	4.11E-06	8.61E-04	3.54E-09	1.0E+06	3.5E-03
212	0.49	7.62E-03	3.7E-03	1.05E-03	3.90E-06	8.61E-04	3.36E-09	1.0E+06	3.4E-03
213	0.62649	7.62E-03	4.8E-03	1.05E-03	4.99E-06	8.61E-04	4.29E-09	1.0E+06	4.3E-03
214	0.81046	7.62E-03	6.2E-03	1.05E-03	6.45E-06	8.61E-04	5.55E-09	1.0E+06	5.6E-03
215	0.56797	7.62E-03	4.3E-03	1.05E-03	4.52E-06	8.61E-04	3.89E-09	1.0E+06	3.9E-03
216	0.74312	7.62E-03	5.7E-03	1.05E-03	5.91E-06	8.61E-04	5.09E-09	1.0E+06	5.1E-03
217	0.99196	7.62E-03	7.6E-03	1.05E-03	7.90E-06	8.61E-04	6.80E-09	1.0E+06	6.8E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
218	1.17731	7.62E-03	9.0E-03	1.05E-03	9.37E-06	8.61E-04	8.07E-09	1.0E+06	8.1E-03
219	1.71387	7.62E-03	1.3E-02	1.05E-03	1.36E-05	8.61E-04	1.17E-08	1.0E+06	1.2E-02
220	1.29532	7.62E-03	9.9E-03	1.05E-03	1.03E-05	8.61E-04	8.88E-09	1.0E+06	8.9E-03
221	1.81345	7.62E-03	1.4E-02	1.05E-03	1.44E-05	8.61E-04	1.24E-08	1.0E+06	1.2E-02
222	1.27391	7.62E-03	9.7E-03	1.05E-03	1.01E-05	8.61E-04	8.73E-09	1.0E+06	8.7E-03
223	1.67545	7.62E-03	1.3E-02	1.05E-03	1.33E-05	8.61E-04	1.15E-08	1.0E+06	1.1E-02
224	2.23486	7.62E-03	1.7E-02	1.05E-03	1.78E-05	8.61E-04	1.53E-08	1.0E+06	1.5E-02
225	1.39489	7.62E-03	1.1E-02	1.05E-03	1.11E-05	8.61E-04	9.56E-09	1.0E+06	9.6E-03
226	1.67498	7.62E-03	1.3E-02	1.05E-03	1.33E-05	8.61E-04	1.15E-08	1.0E+06	1.1E-02
227	0.13351	7.62E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.15E-10	1.0E+06	9.2E-04
228	0.11905	7.62E-03	9.1E-04	1.05E-03	9.48E-07	8.61E-04	8.16E-10	1.0E+06	8.2E-04
229	0.10687	7.62E-03	8.1E-04	1.05E-03	8.51E-07	8.61E-04	7.32E-10	1.0E+06	7.3E-04
230	0.09652	7.62E-03	7.4E-04	1.05E-03	7.68E-07	8.61E-04	6.62E-10	1.0E+06	6.6E-04
231	0.12206	7.62E-03	9.3E-04	1.05E-03	9.72E-07	8.61E-04	8.37E-10	1.0E+06	8.4E-04
232	0.10961	7.62E-03	8.3E-04	1.05E-03	8.72E-07	8.61E-04	7.51E-10	1.0E+06	7.5E-04
233	0.09901	7.62E-03	7.5E-04	1.05E-03	7.88E-07	8.61E-04	6.79E-10	1.0E+06	6.8E-04
234	0.08991	7.62E-03	6.8E-04	1.05E-03	7.16E-07	8.61E-04	6.16E-10	1.0E+06	6.2E-04
235	0.11181	7.62E-03	8.5E-04	1.05E-03	8.90E-07	8.61E-04	7.66E-10	1.0E+06	7.7E-04
236	0.1011	7.62E-03	7.7E-04	1.05E-03	8.05E-07	8.61E-04	6.93E-10	1.0E+06	6.9E-04
237	0.09186	7.62E-03	7.0E-04	1.05E-03	7.31E-07	8.61E-04	6.30E-10	1.0E+06	6.3E-04
238	0.08386	7.62E-03	6.4E-04	1.05E-03	6.67E-07	8.61E-04	5.75E-10	1.0E+06	5.7E-04
239	0.87752	7.62E-03	6.7E-03	1.05E-03	6.98E-06	8.61E-04	6.01E-09	1.0E+06	6.0E-03
240	0.76296	7.62E-03	5.8E-03	1.05E-03	6.07E-06	8.61E-04	5.23E-09	1.0E+06	5.2E-03
241	0.6679	7.62E-03	5.1E-03	1.05E-03	5.32E-06	8.61E-04	4.58E-09	1.0E+06	4.6E-03
242	0.58852	7.62E-03	4.5E-03	1.05E-03	4.68E-06	8.61E-04	4.03E-09	1.0E+06	4.0E-03
243	0.76196	7.62E-03	5.8E-03	1.05E-03	6.06E-06	8.61E-04	5.22E-09	1.0E+06	5.2E-03
244	0.67084	7.62E-03	5.1E-03	1.05E-03	5.34E-06	8.61E-04	4.60E-09	1.0E+06	4.6E-03
245	0.59359	7.62E-03	4.5E-03	1.05E-03	4.72E-06	8.61E-04	4.07E-09	1.0E+06	4.1E-03
246	0.52788	7.62E-03	4.0E-03	1.05E-03	4.20E-06	8.61E-04	3.62E-09	1.0E+06	3.6E-03
247	0.66622	7.62E-03	5.1E-03	1.05E-03	5.30E-06	8.61E-04	4.57E-09	1.0E+06	4.6E-03
248	0.59307	7.62E-03	4.5E-03	1.05E-03	4.72E-06	8.61E-04	4.06E-09	1.0E+06	4.1E-03



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
249	0.52983	7.62E-03	4.0E-03	1.05E-03	4.22E-06	8.61E-04	3.63E-09	1.0E+06	3.6E-03
250	0.47508	7.62E-03	3.6E-03	1.05E-03	3.78E-06	8.61E-04	3.26E-09	1.0E+06	3.3E-03
251	0.27447	7.62E-03	2.1E-03	1.05E-03	2.18E-06	8.61E-04	1.88E-09	1.0E+06	1.9E-03
252	0.25406	7.62E-03	1.9E-03	1.05E-03	2.02E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03
253	0.31777	7.62E-03	2.4E-03	1.05E-03	2.53E-06	8.61E-04	2.18E-09	1.0E+06	2.2E-03
254	0.29435	7.62E-03	2.2E-03	1.05E-03	2.34E-06	8.61E-04	2.02E-09	1.0E+06	2.0E-03
255	0.25336	7.62E-03	1.9E-03	1.05E-03	2.02E-06	8.61E-04	1.74E-09	1.0E+06	1.7E-03
256	0.23553	7.62E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03
257	0.19125	7.62E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
258	0.28986	7.62E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03
259	0.26984	7.62E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.8E-03
260	0.25132	7.62E-03	1.9E-03	1.05E-03	2.00E-06	8.61E-04	1.72E-09	1.0E+06	1.7E-03
261	0.23433	7.62E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03
262	0.21873	7.62E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03
263	0.17947	7.62E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
264	0.24799	7.62E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.70E-09	1.0E+06	1.7E-03
265	0.23201	7.62E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03
266	0.21719	7.62E-03	1.7E-03	1.05E-03	1.73E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03
267	0.20349	7.62E-03	1.5E-03	1.05E-03	1.62E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03
268	0.16865	7.62E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
269	0.2553	7.62E-03	1.9E-03	1.05E-03	2.03E-06	8.61E-04	1.75E-09	1.0E+06	1.7E-03
270	0.21802	7.62E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03
271	0.18833	7.62E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
272	0.16435	7.62E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
273	0.14474	7.62E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.92E-10	1.0E+06	9.9E-04
274	0.12855	7.62E-03	9.8E-04	1.05E-03	1.02E-06	8.61E-04	8.81E-10	1.0E+06	8.8E-04
275	0.11502	7.62E-03	8.8E-04	1.05E-03	9.16E-07	8.61E-04	7.88E-10	1.0E+06	7.9E-04
276	0.22935	7.62E-03	1.7E-03	1.05E-03	1.83E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03
277	0.19682	7.62E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03
278	0.17085	7.62E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
279	0.1498	7.62E-03	1.1E-03	1.05E-03	1.19E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
280	0.13253	7.62E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.08E-10	1.0E+06	9.1E-04
281	0.11822	7.62E-03	9.0E-04	1.05E-03	9.41E-07	8.61E-04	8.10E-10	1.0E+06	8.1E-04
282	0.10621	7.62E-03	8.1E-04	1.05E-03	8.45E-07	8.61E-04	7.28E-10	1.0E+06	7.3E-04
283	0.20484	7.62E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
284	0.17701	7.62E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
285	0.15465	7.62E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
286	0.13639	7.62E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.35E-10	1.0E+06	9.3E-04
287	0.12132	7.62E-03	9.2E-04	1.05E-03	9.66E-07	8.61E-04	8.31E-10	1.0E+06	8.3E-04
288	0.10874	7.62E-03	8.3E-04	1.05E-03	8.66E-07	8.61E-04	7.45E-10	1.0E+06	7.5E-04
289	0.09814	7.62E-03	7.5E-04	1.05E-03	7.81E-07	8.61E-04	6.73E-10	1.0E+06	6.7E-04
290	0.18305	7.62E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.25E-09	1.0E+06	1.3E-03
291	0.15943	7.62E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.09E-09	1.0E+06	1.1E-03
292	0.14024	7.62E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.61E-10	1.0E+06	9.6E-04
293	0.12445	7.62E-03	9.5E-04	1.05E-03	9.91E-07	8.61E-04	8.53E-10	1.0E+06	8.5E-04
294	0.11131	7.62E-03	8.5E-04	1.05E-03	8.86E-07	8.61E-04	7.63E-10	1.0E+06	7.6E-04
295	0.10027	7.62E-03	7.6E-04	1.05E-03	7.98E-07	8.61E-04	6.87E-10	1.0E+06	6.9E-04
296	0.0909	7.62E-03	6.9E-04	1.05E-03	7.24E-07	8.61E-04	6.23E-10	1.0E+06	6.2E-04
297	0.16446	7.62E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
298	0.14431	7.62E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.89E-10	1.0E+06	9.9E-04
299	0.12778	7.62E-03	9.7E-04	1.05E-03	1.02E-06	8.61E-04	8.76E-10	1.0E+06	8.8E-04
300	0.11407	7.62E-03	8.7E-04	1.05E-03	9.08E-07	8.61E-04	7.82E-10	1.0E+06	7.8E-04
301	0.10257	7.62E-03	7.8E-04	1.05E-03	8.16E-07	8.61E-04	7.03E-10	1.0E+06	7.0E-04
302	0.09283	7.62E-03	7.1E-04	1.05E-03	7.39E-07	8.61E-04	6.36E-10	1.0E+06	6.4E-04
303	0.08451	7.62E-03	6.4E-04	1.05E-03	6.73E-07	8.61E-04	5.79E-10	1.0E+06	5.8E-04
304	0.14877	7.62E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
305	0.13146	7.62E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.01E-10	1.0E+06	9.0E-04
306	0.11712	7.62E-03	8.9E-04	1.05E-03	9.32E-07	8.61E-04	8.03E-10	1.0E+06	8.0E-04
307	0.10512	7.62E-03	8.0E-04	1.05E-03	8.37E-07	8.61E-04	7.20E-10	1.0E+06	7.2E-04
308	0.09498	7.62E-03	7.2E-04	1.05E-03	7.56E-07	8.61E-04	6.51E-10	1.0E+06	6.5E-04
309	0.08634	7.62E-03	6.6E-04	1.05E-03	6.87E-07	8.61E-04	5.92E-10	1.0E+06	5.9E-04
310	0.07891	7.62E-03	6.0E-04	1.05E-03	6.28E-07	8.61E-04	5.41E-10	1.0E+06	5.4E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.13557	7.62E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.29E-10	1.0E+06	9.3E-04
312	0.12053	7.62E-03	9.2E-04	1.05E-03	9.59E-07	8.61E-04	8.26E-10	1.0E+06	8.3E-04
313	0.10799	7.62E-03	8.2E-04	1.05E-03	8.60E-07	8.61E-04	7.40E-10	1.0E+06	7.4E-04
314	0.09741	7.62E-03	7.4E-04	1.05E-03	7.75E-07	8.61E-04	6.68E-10	1.0E+06	6.7E-04
315	0.0884	7.62E-03	6.7E-04	1.05E-03	7.04E-07	8.61E-04	6.06E-10	1.0E+06	6.1E-04
316	0.08067	7.62E-03	6.1E-04	1.05E-03	6.42E-07	8.61E-04	5.53E-10	1.0E+06	5.5E-04
317	0.07399	7.62E-03	5.6E-04	1.05E-03	5.89E-07	8.61E-04	5.07E-10	1.0E+06	5.1E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Grading Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	8.87E-05
2	5	9.33E-05
3	5	9.49E-05
4	5	1.29E-04
5	5	1.34E-04
6	5	1.38E-04
7	5	1.43E-04
8	5	1.48E-04
9	5	1.53E-04
10	5	1.58E-04
11	5	1.64E-04
12	5	1.72E-04
13	5	1.82E-04
14	5	1.94E-04
15	5	2.07E-04
16	5	2.22E-04
17	5	2.37E-04
18	5	2.52E-04
19	5	2.66E-04
20	5	2.78E-04
21	5	2.86E-04
22	5	2.92E-04
23	5	2.94E-04
24	5	2.93E-04
25	5	2.88E-04
26	5	9.60E-05
27	5	1.01E-04
28	5	1.03E-04
29	5	1.44E-04
30	5	1.51E-04
31	5	1.57E-04

Max	Receptor #
0.003	224

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	1.63E-04
33	5	1.68E-04
34	5	1.75E-04
35	5	1.81E-04
36	5	1.89E-04
37	5	2.00E-04
38	5	2.13E-04
39	5	2.28E-04
40	5	2.46E-04
41	5	2.65E-04
42	5	2.83E-04
43	5	3.01E-04
44	5	3.16E-04
45	5	3.27E-04
46	5	3.35E-04
47	5	3.37E-04
48	5	3.35E-04
49	5	3.29E-04
50	5	3.19E-04
51	5	1.04E-04
52	5	1.10E-04
53	5	1.13E-04
54	5	1.63E-04
55	5	1.71E-04
56	5	1.79E-04
57	5	1.87E-04
58	5	1.94E-04
59	5	2.02E-04
60	5	2.11E-04
61	5	2.22E-04
62	5	2.36E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	2.54E-04
64	5	2.74E-04
65	5	2.97E-04
66	5	3.21E-04
67	5	3.43E-04
68	5	3.63E-04
69	5	3.78E-04
70	5	3.88E-04
71	5	3.91E-04
72	5	3.88E-04
73	5	3.79E-04
74	5	3.66E-04
75	5	3.49E-04
76	5	1.14E-04
77	5	1.21E-04
78	5	1.24E-04
79	5	1.86E-04
80	5	1.96E-04
81	5	2.07E-04
82	5	2.17E-04
83	5	2.27E-04
84	5	2.37E-04
85	5	2.49E-04
86	5	2.65E-04
87	5	2.84E-04
88	5	3.08E-04
89	5	3.35E-04
90	5	3.65E-04
91	5	3.95E-04
92	5	4.22E-04
93	5	4.42E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	4.55E-04
95	5	4.59E-04
96	5	4.55E-04
97	5	4.43E-04
98	5	4.25E-04
99	5	4.03E-04
100	5	3.78E-04
101	5	1.25E-04
102	5	1.33E-04
103	5	1.38E-04
104	5	2.13E-04
105	5	2.28E-04
106	5	2.42E-04
107	5	2.55E-04
108	5	2.69E-04
109	5	2.83E-04
110	5	3.00E-04
111	5	3.22E-04
112	5	3.49E-04
113	5	3.82E-04
114	5	4.20E-04
115	5	4.59E-04
116	5	4.95E-04
117	5	5.24E-04
118	5	5.42E-04
119	5	5.48E-04
120	5	5.41E-04
121	5	5.24E-04
122	5	5.00E-04
123	5	4.69E-04
124	5	4.36E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.37E-04
126	5	1.47E-04
127	5	1.53E-04
128	5	2.68E-04
129	5	2.87E-04
130	5	3.06E-04
131	5	3.24E-04
132	5	3.44E-04
133	5	3.69E-04
134	5	4.00E-04
135	5	4.39E-04
136	5	4.87E-04
137	5	5.40E-04
138	5	5.90E-04
139	5	6.31E-04
140	5	6.57E-04
141	5	6.66E-04
142	5	6.56E-04
143	5	6.31E-04
144	5	5.96E-04
145	5	5.54E-04
146	5	5.08E-04
147	5	1.50E-04
148	5	1.62E-04
149	5	1.71E-04
150	5	3.19E-04
151	5	3.46E-04
152	5	3.73E-04
153	5	4.00E-04
154	5	4.29E-04
155	5	4.66E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	5.12E-04
157	5	5.71E-04
158	5	6.41E-04
159	5	7.14E-04
160	5	7.75E-04
161	5	8.14E-04
162	5	8.27E-04
163	5	8.12E-04
164	5	7.75E-04
165	5	7.23E-04
166	5	6.63E-04
167	5	6.00E-04
168	5	5.38E-04
169	5	1.66E-04
170	5	1.80E-04
171	5	1.93E-04
172	5	2.06E-04
173	5	3.87E-04
174	5	4.26E-04
175	5	4.66E-04
176	5	5.07E-04
177	5	5.51E-04
178	5	6.08E-04
179	5	6.79E-04
180	5	7.73E-04
181	5	8.77E-04
182	5	9.71E-04
183	5	8.07E-04
184	5	7.17E-04
185	5	2.00E-04
186	5	2.18E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	2.34E-04
188	5	4.78E-04
189	5	5.38E-04
190	5	6.00E-04
191	5	6.64E-04
192	5	7.38E-04
193	5	8.27E-04
194	5	9.47E-04
195	5	1.10E-03
196	5	1.25E-03
197	5	1.36E-03
198	5	2.44E-04
199	5	2.69E-04
200	5	2.73E-04
201	5	3.07E-04
202	5	3.41E-04
203	5	3.48E-04
204	5	4.00E-04
205	5	4.60E-04
206	5	4.61E-04
207	5	5.44E-04
208	5	6.52E-04
209	5	5.26E-04
210	5	6.42E-04
211	5	7.86E-04
212	5	7.46E-04
213	5	9.54E-04
214	5	1.23E-03
215	5	8.65E-04
216	5	1.13E-03
217	5	1.51E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	1.79E-03
219	5	2.61E-03
220	5	1.97E-03
221	5	2.76E-03
222	5	1.94E-03
223	5	2.55E-03
224	5	3.40E-03
225	5	2.12E-03
226	5	2.55E-03
227	5	2.03E-04
228	5	1.81E-04
229	5	1.63E-04
230	5	1.47E-04
231	5	1.86E-04
232	5	1.67E-04
233	5	1.51E-04
234	5	1.37E-04
235	5	1.70E-04
236	5	1.54E-04
237	5	1.40E-04
238	5	1.28E-04
239	5	1.34E-03
240	5	1.16E-03
241	5	1.02E-03
242	5	8.96E-04
243	5	1.16E-03
244	5	1.02E-03
245	5	9.04E-04
246	5	8.04E-04
247	5	1.01E-03
248	5	9.03E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	8.07E-04
250	5	7.24E-04
251	5	4.18E-04
252	5	3.87E-04
253	5	4.84E-04
254	5	4.48E-04
255	5	3.86E-04
256	5	3.59E-04
257	5	2.91E-04
258	5	4.41E-04
259	5	4.11E-04
260	5	3.83E-04
261	5	3.57E-04
262	5	3.33E-04
263	5	2.73E-04
264	5	3.78E-04
265	5	3.53E-04
266	5	3.31E-04
267	5	3.10E-04
268	5	2.57E-04
269	5	3.89E-04
270	5	3.32E-04
271	5	2.87E-04
272	5	2.50E-04
273	5	2.20E-04
274	5	1.96E-04
275	5	1.75E-04
276	5	3.49E-04
277	5	3.00E-04
278	5	2.60E-04
279	5	2.28E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	2.02E-04
281	5	1.80E-04
282	5	1.62E-04
283	5	3.12E-04
284	5	2.70E-04
285	5	2.36E-04
286	5	2.08E-04
287	5	1.85E-04
288	5	1.66E-04
289	5	1.49E-04
290	5	2.79E-04
291	5	2.43E-04
292	5	2.14E-04
293	5	1.90E-04
294	5	1.70E-04
295	5	1.53E-04
296	5	1.38E-04
297	5	2.50E-04
298	5	2.20E-04
299	5	1.95E-04
300	5	1.74E-04
301	5	1.56E-04
302	5	1.41E-04
303	5	1.29E-04
304	5	2.27E-04
305	5	2.00E-04
306	5	1.78E-04
307	5	1.60E-04
308	5	1.45E-04
309	5	1.32E-04
310	5	1.20E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	2.06E-04
312	5	1.84E-04
313	5	1.64E-04
314	5	1.48E-04
315	5	1.35E-04
316	5	1.23E-04
317	5	1.13E-04

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Parcel 8-F: Unmitigated - Parcel 8 - Building Construction Risk



rincon

**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05993	6.48E-03	3.9E-04	1.05E-03	4.06E-07	8.61E-04	3.50E-10	1.0E+06	3.5E-04
2	0.06304	6.48E-03	4.1E-04	1.05E-03	4.27E-07	8.61E-04	3.68E-10	1.0E+06	3.7E-04
3	0.06409	6.48E-03	4.2E-04	1.05E-03	4.34E-07	8.61E-04	3.74E-10	1.0E+06	3.7E-04
4	0.08855	6.48E-03	5.7E-04	1.05E-03	6.00E-07	8.61E-04	5.17E-10	1.0E+06	5.2E-04
5	0.09236	6.48E-03	6.0E-04	1.05E-03	6.26E-07	8.61E-04	5.39E-10	1.0E+06	5.4E-04
6	0.09598	6.48E-03	6.2E-04	1.05E-03	6.50E-07	8.61E-04	5.60E-10	1.0E+06	5.6E-04
7	0.09944	6.48E-03	6.4E-04	1.05E-03	6.74E-07	8.61E-04	5.80E-10	1.0E+06	5.8E-04
8	0.10281	6.48E-03	6.7E-04	1.05E-03	6.97E-07	8.61E-04	6.00E-10	1.0E+06	6.0E-04
9	0.10626	6.48E-03	6.9E-04	1.05E-03	7.20E-07	8.61E-04	6.20E-10	1.0E+06	6.2E-04
10	0.11005	6.48E-03	7.1E-04	1.05E-03	7.46E-07	8.61E-04	6.42E-10	1.0E+06	6.4E-04
11	0.1145	6.48E-03	7.4E-04	1.05E-03	7.76E-07	8.61E-04	6.68E-10	1.0E+06	6.7E-04
12	0.12002	6.48E-03	7.8E-04	1.05E-03	8.13E-07	8.61E-04	7.00E-10	1.0E+06	7.0E-04
13	0.12716	6.48E-03	8.2E-04	1.05E-03	8.62E-07	8.61E-04	7.42E-10	1.0E+06	7.4E-04
14	0.13565	6.48E-03	8.8E-04	1.05E-03	9.19E-07	8.61E-04	7.91E-10	1.0E+06	7.9E-04
15	0.14546	6.48E-03	9.4E-04	1.05E-03	9.86E-07	8.61E-04	8.49E-10	1.0E+06	8.5E-04
16	0.15647	6.48E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.13E-10	1.0E+06	9.1E-04
17	0.16792	6.48E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.80E-10	1.0E+06	9.8E-04
18	0.17894	6.48E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
19	0.18899	6.48E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
20	0.19734	6.48E-03	1.3E-03	1.05E-03	1.34E-06	8.61E-04	1.15E-09	1.0E+06	1.2E-03
21	0.20343	6.48E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
22	0.20692	6.48E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
23	0.20769	6.48E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
24	0.20584	6.48E-03	1.3E-03	1.05E-03	1.39E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
25	0.20163	6.48E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
26	0.06494	6.48E-03	4.2E-04	1.05E-03	4.40E-07	8.61E-04	3.79E-10	1.0E+06	3.8E-04
27	0.06848	6.48E-03	4.4E-04	1.05E-03	4.64E-07	8.61E-04	4.00E-10	1.0E+06	4.0E-04
28	0.06976	6.48E-03	4.5E-04	1.05E-03	4.73E-07	8.61E-04	4.07E-10	1.0E+06	4.1E-04
29	0.09951	6.48E-03	6.5E-04	1.05E-03	6.74E-07	8.61E-04	5.81E-10	1.0E+06	5.8E-04
30	0.10437	6.48E-03	6.8E-04	1.05E-03	7.07E-07	8.61E-04	6.09E-10	1.0E+06	6.1E-04
31	0.10902	6.48E-03	7.1E-04	1.05E-03	7.39E-07	8.61E-04	6.36E-10	1.0E+06	6.4E-04

<b>Max</b>	<b>Receptor #</b>
0.010	224



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.11346	6.48E-03	7.4E-04	1.05E-03	7.69E-07	8.61E-04	6.62E-10	1.0E+06	6.6E-04
33	0.11775	6.48E-03	7.6E-04	1.05E-03	7.98E-07	8.61E-04	6.87E-10	1.0E+06	6.9E-04
34	0.12215	6.48E-03	7.9E-04	1.05E-03	8.28E-07	8.61E-04	7.13E-10	1.0E+06	7.1E-04
35	0.12701	6.48E-03	8.2E-04	1.05E-03	8.61E-07	8.61E-04	7.41E-10	1.0E+06	7.4E-04
36	0.13278	6.48E-03	8.6E-04	1.05E-03	9.00E-07	8.61E-04	7.75E-10	1.0E+06	7.7E-04
37	0.14036	6.48E-03	9.1E-04	1.05E-03	9.51E-07	8.61E-04	8.19E-10	1.0E+06	8.2E-04
38	0.1499	6.48E-03	9.7E-04	1.05E-03	1.02E-06	8.61E-04	8.75E-10	1.0E+06	8.7E-04
39	0.16105	6.48E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.40E-10	1.0E+06	9.4E-04
40	0.17398	6.48E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
41	0.18819	6.48E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
42	0.20222	6.48E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
43	0.21517	6.48E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03
44	0.22606	6.48E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
45	0.23405	6.48E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03
46	0.23858	6.48E-03	1.5E-03	1.05E-03	1.62E-06	8.61E-04	1.39E-09	1.0E+06	1.4E-03
47	0.23947	6.48E-03	1.6E-03	1.05E-03	1.62E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
48	0.23688	6.48E-03	1.5E-03	1.05E-03	1.61E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
49	0.23121	6.48E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03
50	0.22304	6.48E-03	1.4E-03	1.05E-03	1.51E-06	8.61E-04	1.30E-09	1.0E+06	1.3E-03
51	0.07064	6.48E-03	4.6E-04	1.05E-03	4.79E-07	8.61E-04	4.12E-10	1.0E+06	4.1E-04
52	0.07475	6.48E-03	4.8E-04	1.05E-03	5.06E-07	8.61E-04	4.36E-10	1.0E+06	4.4E-04
53	0.07638	6.48E-03	5.0E-04	1.05E-03	5.18E-07	8.61E-04	4.46E-10	1.0E+06	4.5E-04
54	0.11272	6.48E-03	7.3E-04	1.05E-03	7.64E-07	8.61E-04	6.58E-10	1.0E+06	6.6E-04
55	0.11899	6.48E-03	7.7E-04	1.05E-03	8.06E-07	8.61E-04	6.94E-10	1.0E+06	6.9E-04
56	0.12503	6.48E-03	8.1E-04	1.05E-03	8.47E-07	8.61E-04	7.29E-10	1.0E+06	7.3E-04
57	0.13082	6.48E-03	8.5E-04	1.05E-03	8.86E-07	8.61E-04	7.63E-10	1.0E+06	7.6E-04
58	0.13643	6.48E-03	8.8E-04	1.05E-03	9.24E-07	8.61E-04	7.96E-10	1.0E+06	8.0E-04
59	0.1422	6.48E-03	9.2E-04	1.05E-03	9.63E-07	8.61E-04	8.30E-10	1.0E+06	8.3E-04
60	0.14859	6.48E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.67E-10	1.0E+06	8.7E-04
61	0.1563	6.48E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.12E-10	1.0E+06	9.1E-04
62	0.16674	6.48E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.73E-10	1.0E+06	9.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.17956	6.48E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.0E-03
64	0.19474	6.48E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
65	0.21197	6.48E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
66	0.23018	6.48E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
67	0.24716	6.48E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03
68	0.26168	6.48E-03	1.7E-03	1.05E-03	1.77E-06	8.61E-04	1.53E-09	1.0E+06	1.5E-03
69	0.2724	6.48E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.59E-09	1.0E+06	1.6E-03
70	0.27844	6.48E-03	1.8E-03	1.05E-03	1.89E-06	8.61E-04	1.62E-09	1.0E+06	1.6E-03
71	0.27952	6.48E-03	1.8E-03	1.05E-03	1.89E-06	8.61E-04	1.63E-09	1.0E+06	1.6E-03
72	0.27586	6.48E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03
73	0.2681	6.48E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03
74	0.2571	6.48E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03
75	0.24379	6.48E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03
76	0.07712	6.48E-03	5.0E-04	1.05E-03	5.23E-07	8.61E-04	4.50E-10	1.0E+06	4.5E-04
77	0.08195	6.48E-03	5.3E-04	1.05E-03	5.55E-07	8.61E-04	4.78E-10	1.0E+06	4.8E-04
78	0.08418	6.48E-03	5.5E-04	1.05E-03	5.70E-07	8.61E-04	4.91E-10	1.0E+06	4.9E-04
79	0.12878	6.48E-03	8.3E-04	1.05E-03	8.73E-07	8.61E-04	7.51E-10	1.0E+06	7.5E-04
80	0.13702	6.48E-03	8.9E-04	1.05E-03	9.28E-07	8.61E-04	7.99E-10	1.0E+06	8.0E-04
81	0.14501	6.48E-03	9.4E-04	1.05E-03	9.83E-07	8.61E-04	8.46E-10	1.0E+06	8.5E-04
82	0.1527	6.48E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.91E-10	1.0E+06	8.9E-04
83	0.16021	6.48E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.35E-10	1.0E+06	9.3E-04
84	0.16794	6.48E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.80E-10	1.0E+06	9.8E-04
85	0.17658	6.48E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
86	0.18789	6.48E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
87	0.2021	6.48E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
88	0.21961	6.48E-03	1.4E-03	1.05E-03	1.49E-06	8.61E-04	1.28E-09	1.0E+06	1.3E-03
89	0.24063	6.48E-03	1.6E-03	1.05E-03	1.63E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
90	0.26379	6.48E-03	1.7E-03	1.05E-03	1.79E-06	8.61E-04	1.54E-09	1.0E+06	1.5E-03
91	0.28667	6.48E-03	1.9E-03	1.05E-03	1.94E-06	8.61E-04	1.67E-09	1.0E+06	1.7E-03
92	0.30646	6.48E-03	2.0E-03	1.05E-03	2.08E-06	8.61E-04	1.79E-09	1.0E+06	1.8E-03
93	0.32125	6.48E-03	2.1E-03	1.05E-03	2.18E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.32958	6.48E-03	2.1E-03	1.05E-03	2.23E-06	8.61E-04	1.92E-09	1.0E+06	1.9E-03
95	0.33095	6.48E-03	2.1E-03	1.05E-03	2.24E-06	8.61E-04	1.93E-09	1.0E+06	1.9E-03
96	0.32571	6.48E-03	2.1E-03	1.05E-03	2.21E-06	8.61E-04	1.90E-09	1.0E+06	1.9E-03
97	0.31488	6.48E-03	2.0E-03	1.05E-03	2.13E-06	8.61E-04	1.84E-09	1.0E+06	1.8E-03
98	0.29981	6.48E-03	1.9E-03	1.05E-03	2.03E-06	8.61E-04	1.75E-09	1.0E+06	1.7E-03
99	0.28189	6.48E-03	1.8E-03	1.05E-03	1.91E-06	8.61E-04	1.64E-09	1.0E+06	1.6E-03
100	0.26241	6.48E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.53E-09	1.0E+06	1.5E-03
101	0.08445	6.48E-03	5.5E-04	1.05E-03	5.72E-07	8.61E-04	4.93E-10	1.0E+06	4.9E-04
102	0.09022	6.48E-03	5.8E-04	1.05E-03	6.11E-07	8.61E-04	5.26E-10	1.0E+06	5.3E-04
103	0.09334	6.48E-03	6.1E-04	1.05E-03	6.32E-07	8.61E-04	5.45E-10	1.0E+06	5.4E-04
104	0.14855	6.48E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.67E-10	1.0E+06	8.7E-04
105	0.15958	6.48E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.31E-10	1.0E+06	9.3E-04
106	0.17041	6.48E-03	1.1E-03	1.05E-03	1.15E-06	8.61E-04	9.94E-10	1.0E+06	9.9E-04
107	0.18092	6.48E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
108	0.19122	6.48E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
109	0.20178	6.48E-03	1.3E-03	1.05E-03	1.37E-06	8.61E-04	1.18E-09	1.0E+06	1.2E-03
110	0.21396	6.48E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.2E-03
111	0.23033	6.48E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.34E-09	1.0E+06	1.3E-03
112	0.25014	6.48E-03	1.6E-03	1.05E-03	1.69E-06	8.61E-04	1.46E-09	1.0E+06	1.5E-03
113	0.27542	6.48E-03	1.8E-03	1.05E-03	1.87E-06	8.61E-04	1.61E-09	1.0E+06	1.6E-03
114	0.30497	6.48E-03	2.0E-03	1.05E-03	2.07E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
115	0.33578	6.48E-03	2.2E-03	1.05E-03	2.28E-06	8.61E-04	1.96E-09	1.0E+06	2.0E-03
116	0.36361	6.48E-03	2.4E-03	1.05E-03	2.46E-06	8.61E-04	2.12E-09	1.0E+06	2.1E-03
117	0.38469	6.48E-03	2.5E-03	1.05E-03	2.61E-06	8.61E-04	2.24E-09	1.0E+06	2.2E-03
118	0.39663	6.48E-03	2.6E-03	1.05E-03	2.69E-06	8.61E-04	2.31E-09	1.0E+06	2.3E-03
119	0.39848	6.48E-03	2.6E-03	1.05E-03	2.70E-06	8.61E-04	2.32E-09	1.0E+06	2.3E-03
120	0.39085	6.48E-03	2.5E-03	1.05E-03	2.65E-06	8.61E-04	2.28E-09	1.0E+06	2.3E-03
121	0.37539	6.48E-03	2.4E-03	1.05E-03	2.54E-06	8.61E-04	2.19E-09	1.0E+06	2.2E-03
122	0.35428	6.48E-03	2.3E-03	1.05E-03	2.40E-06	8.61E-04	2.07E-09	1.0E+06	2.1E-03
123	0.32969	6.48E-03	2.1E-03	1.05E-03	2.23E-06	8.61E-04	1.92E-09	1.0E+06	1.9E-03
124	0.30351	6.48E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
125	0.09265	6.48E-03	6.0E-04	1.05E-03	6.28E-07	8.61E-04	5.41E-10	1.0E+06	5.4E-04
126	0.09959	6.48E-03	6.5E-04	1.05E-03	6.75E-07	8.61E-04	5.81E-10	1.0E+06	5.8E-04
127	0.10391	6.48E-03	6.7E-04	1.05E-03	7.04E-07	8.61E-04	6.06E-10	1.0E+06	6.1E-04
128	0.18829	6.48E-03	1.2E-03	1.05E-03	1.28E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
129	0.20336	6.48E-03	1.3E-03	1.05E-03	1.38E-06	8.61E-04	1.19E-09	1.0E+06	1.2E-03
130	0.21816	6.48E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
131	0.23263	6.48E-03	1.5E-03	1.05E-03	1.58E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03
132	0.24752	6.48E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03
133	0.26568	6.48E-03	1.7E-03	1.05E-03	1.80E-06	8.61E-04	1.55E-09	1.0E+06	1.6E-03
134	0.2888	6.48E-03	1.9E-03	1.05E-03	1.96E-06	8.61E-04	1.68E-09	1.0E+06	1.7E-03
135	0.31851	6.48E-03	2.1E-03	1.05E-03	2.16E-06	8.61E-04	1.86E-09	1.0E+06	1.9E-03
136	0.35599	6.48E-03	2.3E-03	1.05E-03	2.41E-06	8.61E-04	2.08E-09	1.0E+06	2.1E-03
137	0.39781	6.48E-03	2.6E-03	1.05E-03	2.70E-06	8.61E-04	2.32E-09	1.0E+06	2.3E-03
138	0.43779	6.48E-03	2.8E-03	1.05E-03	2.97E-06	8.61E-04	2.55E-09	1.0E+06	2.6E-03
139	0.46891	6.48E-03	3.0E-03	1.05E-03	3.18E-06	8.61E-04	2.74E-09	1.0E+06	2.7E-03
140	0.48679	6.48E-03	3.2E-03	1.05E-03	3.30E-06	8.61E-04	2.84E-09	1.0E+06	2.8E-03
141	0.48952	6.48E-03	3.2E-03	1.05E-03	3.32E-06	8.61E-04	2.86E-09	1.0E+06	2.9E-03
142	0.47811	6.48E-03	3.1E-03	1.05E-03	3.24E-06	8.61E-04	2.79E-09	1.0E+06	2.8E-03
143	0.45543	6.48E-03	3.0E-03	1.05E-03	3.09E-06	8.61E-04	2.66E-09	1.0E+06	2.7E-03
144	0.42511	6.48E-03	2.8E-03	1.05E-03	2.88E-06	8.61E-04	2.48E-09	1.0E+06	2.5E-03
145	0.39061	6.48E-03	2.5E-03	1.05E-03	2.65E-06	8.61E-04	2.28E-09	1.0E+06	2.3E-03
146	0.35479	6.48E-03	2.3E-03	1.05E-03	2.40E-06	8.61E-04	2.07E-09	1.0E+06	2.1E-03
147	0.10176	6.48E-03	6.6E-04	1.05E-03	6.89E-07	8.61E-04	5.94E-10	1.0E+06	5.9E-04
148	0.11021	6.48E-03	7.1E-04	1.05E-03	7.47E-07	8.61E-04	6.43E-10	1.0E+06	6.4E-04
149	0.11641	6.48E-03	7.5E-04	1.05E-03	7.89E-07	8.61E-04	6.79E-10	1.0E+06	6.8E-04
150	0.22546	6.48E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
151	0.247	6.48E-03	1.6E-03	1.05E-03	1.67E-06	8.61E-04	1.44E-09	1.0E+06	1.4E-03
152	0.26848	6.48E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03
153	0.28964	6.48E-03	1.9E-03	1.05E-03	1.96E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
154	0.31144	6.48E-03	2.0E-03	1.05E-03	2.11E-06	8.61E-04	1.82E-09	1.0E+06	1.8E-03
155	0.33965	6.48E-03	2.2E-03	1.05E-03	2.30E-06	8.61E-04	1.98E-09	1.0E+06	2.0E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.37381	6.48E-03	2.4E-03	1.05E-03	2.53E-06	8.61E-04	2.18E-09	1.0E+06	2.2E-03
157	0.42021	6.48E-03	2.7E-03	1.05E-03	2.85E-06	8.61E-04	2.45E-09	1.0E+06	2.5E-03
158	0.4771	6.48E-03	3.1E-03	1.05E-03	3.23E-06	8.61E-04	2.78E-09	1.0E+06	2.8E-03
159	0.53561	6.48E-03	3.5E-03	1.05E-03	3.63E-06	8.61E-04	3.12E-09	1.0E+06	3.1E-03
160	0.58358	6.48E-03	3.8E-03	1.05E-03	3.95E-06	8.61E-04	3.40E-09	1.0E+06	3.4E-03
161	0.61175	6.48E-03	4.0E-03	1.05E-03	4.14E-06	8.61E-04	3.57E-09	1.0E+06	3.6E-03
162	0.61625	6.48E-03	4.0E-03	1.05E-03	4.18E-06	8.61E-04	3.60E-09	1.0E+06	3.6E-03
163	0.59864	6.48E-03	3.9E-03	1.05E-03	4.06E-06	8.61E-04	3.49E-09	1.0E+06	3.5E-03
164	0.56419	6.48E-03	3.7E-03	1.05E-03	3.82E-06	8.61E-04	3.29E-09	1.0E+06	3.3E-03
165	0.51927	6.48E-03	3.4E-03	1.05E-03	3.52E-06	8.61E-04	3.03E-09	1.0E+06	3.0E-03
166	0.46962	6.48E-03	3.0E-03	1.05E-03	3.18E-06	8.61E-04	2.74E-09	1.0E+06	2.7E-03
167	0.41958	6.48E-03	2.7E-03	1.05E-03	2.84E-06	8.61E-04	2.45E-09	1.0E+06	2.4E-03
168	0.37196	6.48E-03	2.4E-03	1.05E-03	2.52E-06	8.61E-04	2.17E-09	1.0E+06	2.2E-03
169	0.11176	6.48E-03	7.2E-04	1.05E-03	7.57E-07	8.61E-04	6.52E-10	1.0E+06	6.5E-04
170	0.12205	6.48E-03	7.9E-04	1.05E-03	8.27E-07	8.61E-04	7.12E-10	1.0E+06	7.1E-04
171	0.13102	6.48E-03	8.5E-04	1.05E-03	8.88E-07	8.61E-04	7.64E-10	1.0E+06	7.6E-04
172	0.14025	6.48E-03	9.1E-04	1.05E-03	9.50E-07	8.61E-04	8.18E-10	1.0E+06	8.2E-04
173	0.27448	6.48E-03	1.8E-03	1.05E-03	1.86E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03
174	0.30637	6.48E-03	2.0E-03	1.05E-03	2.08E-06	8.61E-04	1.79E-09	1.0E+06	1.8E-03
175	0.33894	6.48E-03	2.2E-03	1.05E-03	2.30E-06	8.61E-04	1.98E-09	1.0E+06	2.0E-03
176	0.37119	6.48E-03	2.4E-03	1.05E-03	2.52E-06	8.61E-04	2.17E-09	1.0E+06	2.2E-03
177	0.40567	6.48E-03	2.6E-03	1.05E-03	2.75E-06	8.61E-04	2.37E-09	1.0E+06	2.4E-03
178	0.44857	6.48E-03	2.9E-03	1.05E-03	3.04E-06	8.61E-04	2.62E-09	1.0E+06	2.6E-03
179	0.50414	6.48E-03	3.3E-03	1.05E-03	3.42E-06	8.61E-04	2.94E-09	1.0E+06	2.9E-03
180	0.58008	6.48E-03	3.8E-03	1.05E-03	3.93E-06	8.61E-04	3.38E-09	1.0E+06	3.4E-03
181	0.66699	6.48E-03	4.3E-03	1.05E-03	4.52E-06	8.61E-04	3.89E-09	1.0E+06	3.9E-03
182	0.74419	6.48E-03	4.8E-03	1.05E-03	5.04E-06	8.61E-04	4.34E-09	1.0E+06	4.3E-03
183	0.57412	6.48E-03	3.7E-03	1.05E-03	3.89E-06	8.61E-04	3.35E-09	1.0E+06	3.3E-03
184	0.50252	6.48E-03	3.3E-03	1.05E-03	3.40E-06	8.61E-04	2.93E-09	1.0E+06	2.9E-03
185	0.13509	6.48E-03	8.8E-04	1.05E-03	9.15E-07	8.61E-04	7.88E-10	1.0E+06	7.9E-04
186	0.14741	6.48E-03	9.6E-04	1.05E-03	9.99E-07	8.61E-04	8.60E-10	1.0E+06	8.6E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
187	0.15908	6.48E-03	1.0E-03	1.05E-03	1.08E-06	8.61E-04	9.28E-10	1.0E+06	9.3E-04
188	0.3404	6.48E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03
189	0.38929	6.48E-03	2.5E-03	1.05E-03	2.64E-06	8.61E-04	2.27E-09	1.0E+06	2.3E-03
190	0.44113	6.48E-03	2.9E-03	1.05E-03	2.99E-06	8.61E-04	2.57E-09	1.0E+06	2.6E-03
191	0.49368	6.48E-03	3.2E-03	1.05E-03	3.34E-06	8.61E-04	2.88E-09	1.0E+06	2.9E-03
192	0.55251	6.48E-03	3.6E-03	1.05E-03	3.74E-06	8.61E-04	3.22E-09	1.0E+06	3.2E-03
193	0.62081	6.48E-03	4.0E-03	1.05E-03	4.21E-06	8.61E-04	3.62E-09	1.0E+06	3.6E-03
194	0.71814	6.48E-03	4.7E-03	1.05E-03	4.87E-06	8.61E-04	4.19E-09	1.0E+06	4.2E-03
195	0.84702	6.48E-03	5.5E-03	1.05E-03	5.74E-06	8.61E-04	4.94E-09	1.0E+06	4.9E-03
196	0.97632	6.48E-03	6.3E-03	1.05E-03	6.62E-06	8.61E-04	5.70E-09	1.0E+06	5.7E-03
197	1.06205	6.48E-03	6.9E-03	1.05E-03	7.20E-06	8.61E-04	6.20E-09	1.0E+06	6.2E-03
198	0.16402	6.48E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.57E-10	1.0E+06	9.6E-04
199	0.18161	6.48E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
200	0.18282	6.48E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
201	0.20647	6.48E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
202	0.23072	6.48E-03	1.5E-03	1.05E-03	1.56E-06	8.61E-04	1.35E-09	1.0E+06	1.3E-03
203	0.23206	6.48E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.35E-09	1.0E+06	1.4E-03
204	0.26839	6.48E-03	1.7E-03	1.05E-03	1.82E-06	8.61E-04	1.57E-09	1.0E+06	1.6E-03
205	0.31021	6.48E-03	2.0E-03	1.05E-03	2.10E-06	8.61E-04	1.81E-09	1.0E+06	1.8E-03
206	0.30631	6.48E-03	2.0E-03	1.05E-03	2.08E-06	8.61E-04	1.79E-09	1.0E+06	1.8E-03
207	0.36311	6.48E-03	2.4E-03	1.05E-03	2.46E-06	8.61E-04	2.12E-09	1.0E+06	2.1E-03
208	0.43796	6.48E-03	2.8E-03	1.05E-03	2.97E-06	8.61E-04	2.56E-09	1.0E+06	2.6E-03
209	0.34668	6.48E-03	2.2E-03	1.05E-03	2.35E-06	8.61E-04	2.02E-09	1.0E+06	2.0E-03
210	0.42354	6.48E-03	2.7E-03	1.05E-03	2.87E-06	8.61E-04	2.47E-09	1.0E+06	2.5E-03
211	0.52083	6.48E-03	3.4E-03	1.05E-03	3.53E-06	8.61E-04	3.04E-09	1.0E+06	3.0E-03
212	0.48845	6.48E-03	3.2E-03	1.05E-03	3.31E-06	8.61E-04	2.85E-09	1.0E+06	2.8E-03
213	0.62388	6.48E-03	4.0E-03	1.05E-03	4.23E-06	8.61E-04	3.64E-09	1.0E+06	3.6E-03
214	0.80722	6.48E-03	5.2E-03	1.05E-03	5.47E-06	8.61E-04	4.71E-09	1.0E+06	4.7E-03
215	0.56121	6.48E-03	3.6E-03	1.05E-03	3.80E-06	8.61E-04	3.27E-09	1.0E+06	3.3E-03
216	0.72972	6.48E-03	4.7E-03	1.05E-03	4.94E-06	8.61E-04	4.26E-09	1.0E+06	4.3E-03
217	0.96605	6.48E-03	6.3E-03	1.05E-03	6.55E-06	8.61E-04	5.64E-09	1.0E+06	5.6E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
218	1.10624	6.48E-03	7.2E-03	1.05E-03	7.50E-06	8.61E-04	6.45E-09	1.0E+06	6.5E-03
219	1.55808	6.48E-03	1.0E-02	1.05E-03	1.06E-05	8.61E-04	9.09E-09	1.0E+06	9.1E-03
220	1.16418	6.48E-03	7.5E-03	1.05E-03	7.89E-06	8.61E-04	6.79E-09	1.0E+06	6.8E-03
221	1.55869	6.48E-03	1.0E-02	1.05E-03	1.06E-05	8.61E-04	9.09E-09	1.0E+06	9.1E-03
222	1.10384	6.48E-03	7.2E-03	1.05E-03	7.48E-06	8.61E-04	6.44E-09	1.0E+06	6.4E-03
223	1.38878	6.48E-03	9.0E-03	1.05E-03	9.41E-06	8.61E-04	8.10E-09	1.0E+06	8.1E-03
224	1.75437	6.48E-03	1.1E-02	1.05E-03	1.19E-05	8.61E-04	1.02E-08	1.0E+06	1.0E-02
225	1.14409	6.48E-03	7.4E-03	1.05E-03	7.75E-06	8.61E-04	6.67E-09	1.0E+06	6.7E-03
226	1.32806	6.48E-03	8.6E-03	1.05E-03	9.00E-06	8.61E-04	7.75E-09	1.0E+06	7.7E-03
227	0.13149	6.48E-03	8.5E-04	1.05E-03	8.91E-07	8.61E-04	7.67E-10	1.0E+06	7.7E-04
228	0.11752	6.48E-03	7.6E-04	1.05E-03	7.96E-07	8.61E-04	6.86E-10	1.0E+06	6.9E-04
229	0.1057	6.48E-03	6.9E-04	1.05E-03	7.16E-07	8.61E-04	6.17E-10	1.0E+06	6.2E-04
230	0.09562	6.48E-03	6.2E-04	1.05E-03	6.48E-07	8.61E-04	5.58E-10	1.0E+06	5.6E-04
231	0.12015	6.48E-03	7.8E-04	1.05E-03	8.14E-07	8.61E-04	7.01E-10	1.0E+06	7.0E-04
232	0.10815	6.48E-03	7.0E-04	1.05E-03	7.33E-07	8.61E-04	6.31E-10	1.0E+06	6.3E-04
233	0.09788	6.48E-03	6.3E-04	1.05E-03	6.63E-07	8.61E-04	5.71E-10	1.0E+06	5.7E-04
234	0.08904	6.48E-03	5.8E-04	1.05E-03	6.03E-07	8.61E-04	5.19E-10	1.0E+06	5.2E-04
235	0.11	6.48E-03	7.1E-04	1.05E-03	7.45E-07	8.61E-04	6.42E-10	1.0E+06	6.4E-04
236	0.09969	6.48E-03	6.5E-04	1.05E-03	6.75E-07	8.61E-04	5.82E-10	1.0E+06	5.8E-04
237	0.09077	6.48E-03	5.9E-04	1.05E-03	6.15E-07	8.61E-04	5.30E-10	1.0E+06	5.3E-04
238	0.083	6.48E-03	5.4E-04	1.05E-03	5.62E-07	8.61E-04	4.84E-10	1.0E+06	4.8E-04
239	0.80302	6.48E-03	5.2E-03	1.05E-03	5.44E-06	8.61E-04	4.68E-09	1.0E+06	4.7E-03
240	0.70605	6.48E-03	4.6E-03	1.05E-03	4.78E-06	8.61E-04	4.12E-09	1.0E+06	4.1E-03
241	0.62388	6.48E-03	4.0E-03	1.05E-03	4.23E-06	8.61E-04	3.64E-09	1.0E+06	3.6E-03
242	0.55406	6.48E-03	3.6E-03	1.05E-03	3.75E-06	8.61E-04	3.23E-09	1.0E+06	3.2E-03
243	0.6993	6.48E-03	4.5E-03	1.05E-03	4.74E-06	8.61E-04	4.08E-09	1.0E+06	4.1E-03
244	0.62207	6.48E-03	4.0E-03	1.05E-03	4.21E-06	8.61E-04	3.63E-09	1.0E+06	3.6E-03
245	0.55526	6.48E-03	3.6E-03	1.05E-03	3.76E-06	8.61E-04	3.24E-09	1.0E+06	3.2E-03
246	0.49748	6.48E-03	3.2E-03	1.05E-03	3.37E-06	8.61E-04	2.90E-09	1.0E+06	2.9E-03
247	0.61304	6.48E-03	4.0E-03	1.05E-03	4.15E-06	8.61E-04	3.58E-09	1.0E+06	3.6E-03
248	0.55099	6.48E-03	3.6E-03	1.05E-03	3.73E-06	8.61E-04	3.21E-09	1.0E+06	3.2E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
249	0.49629	6.48E-03	3.2E-03	1.05E-03	3.36E-06	8.61E-04	2.90E-09	1.0E+06	2.9E-03
250	0.44815	6.48E-03	2.9E-03	1.05E-03	3.04E-06	8.61E-04	2.61E-09	1.0E+06	2.6E-03
251	0.26238	6.48E-03	1.7E-03	1.05E-03	1.78E-06	8.61E-04	1.53E-09	1.0E+06	1.5E-03
252	0.24382	6.48E-03	1.6E-03	1.05E-03	1.65E-06	8.61E-04	1.42E-09	1.0E+06	1.4E-03
253	0.2996	6.48E-03	1.9E-03	1.05E-03	2.03E-06	8.61E-04	1.75E-09	1.0E+06	1.7E-03
254	0.27903	6.48E-03	1.8E-03	1.05E-03	1.89E-06	8.61E-04	1.63E-09	1.0E+06	1.6E-03
255	0.24235	6.48E-03	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
256	0.22615	6.48E-03	1.5E-03	1.05E-03	1.53E-06	8.61E-04	1.32E-09	1.0E+06	1.3E-03
257	0.18531	6.48E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
258	0.27364	6.48E-03	1.8E-03	1.05E-03	1.85E-06	8.61E-04	1.60E-09	1.0E+06	1.6E-03
259	0.25606	6.48E-03	1.7E-03	1.05E-03	1.73E-06	8.61E-04	1.49E-09	1.0E+06	1.5E-03
260	0.23959	6.48E-03	1.6E-03	1.05E-03	1.62E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
261	0.22431	6.48E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
262	0.21014	6.48E-03	1.4E-03	1.05E-03	1.42E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
263	0.17394	6.48E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
264	0.23557	6.48E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03
265	0.22136	6.48E-03	1.4E-03	1.05E-03	1.50E-06	8.61E-04	1.29E-09	1.0E+06	1.3E-03
266	0.20804	6.48E-03	1.3E-03	1.05E-03	1.41E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
267	0.19561	6.48E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
268	0.1635	6.48E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.54E-10	1.0E+06	9.5E-04
269	0.2514	6.48E-03	1.6E-03	1.05E-03	1.70E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03
270	0.21457	6.48E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.3E-03
271	0.18532	6.48E-03	1.2E-03	1.05E-03	1.26E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
272	0.16174	6.48E-03	1.0E-03	1.05E-03	1.10E-06	8.61E-04	9.44E-10	1.0E+06	9.4E-04
273	0.14248	6.48E-03	9.2E-04	1.05E-03	9.65E-07	8.61E-04	8.31E-10	1.0E+06	8.3E-04
274	0.12659	6.48E-03	8.2E-04	1.05E-03	8.58E-07	8.61E-04	7.39E-10	1.0E+06	7.4E-04
275	0.11332	6.48E-03	7.3E-04	1.05E-03	7.68E-07	8.61E-04	6.61E-10	1.0E+06	6.6E-04
276	0.22462	6.48E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
277	0.19293	6.48E-03	1.3E-03	1.05E-03	1.31E-06	8.61E-04	1.13E-09	1.0E+06	1.1E-03
278	0.16762	6.48E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.78E-10	1.0E+06	9.8E-04
279	0.1471	6.48E-03	9.5E-04	1.05E-03	9.97E-07	8.61E-04	8.58E-10	1.0E+06	8.6E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
280	0.13026	6.48E-03	8.4E-04	1.05E-03	8.83E-07	8.61E-04	7.60E-10	1.0E+06	7.6E-04
281	0.11629	6.48E-03	7.5E-04	1.05E-03	7.88E-07	8.61E-04	6.78E-10	1.0E+06	6.8E-04
282	0.10456	6.48E-03	6.8E-04	1.05E-03	7.08E-07	8.61E-04	6.10E-10	1.0E+06	6.1E-04
283	0.2002	6.48E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
284	0.17329	6.48E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
285	0.15162	6.48E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.85E-10	1.0E+06	8.8E-04
286	0.1339	6.48E-03	8.7E-04	1.05E-03	9.07E-07	8.61E-04	7.81E-10	1.0E+06	7.8E-04
287	0.11924	6.48E-03	7.7E-04	1.05E-03	8.08E-07	8.61E-04	6.96E-10	1.0E+06	7.0E-04
288	0.107	6.48E-03	6.9E-04	1.05E-03	7.25E-07	8.61E-04	6.24E-10	1.0E+06	6.2E-04
289	0.09665	6.48E-03	6.3E-04	1.05E-03	6.55E-07	8.61E-04	5.64E-10	1.0E+06	5.6E-04
290	0.17906	6.48E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
291	0.15624	6.48E-03	1.0E-03	1.05E-03	1.06E-06	8.61E-04	9.12E-10	1.0E+06	9.1E-04
292	0.13766	6.48E-03	8.9E-04	1.05E-03	9.33E-07	8.61E-04	8.03E-10	1.0E+06	8.0E-04
293	0.12233	6.48E-03	7.9E-04	1.05E-03	8.29E-07	8.61E-04	7.14E-10	1.0E+06	7.1E-04
294	0.10955	6.48E-03	7.1E-04	1.05E-03	7.42E-07	8.61E-04	6.39E-10	1.0E+06	6.4E-04
295	0.09879	6.48E-03	6.4E-04	1.05E-03	6.69E-07	8.61E-04	5.76E-10	1.0E+06	5.8E-04
296	0.08965	6.48E-03	5.8E-04	1.05E-03	6.07E-07	8.61E-04	5.23E-10	1.0E+06	5.2E-04
297	0.1613	6.48E-03	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.41E-10	1.0E+06	9.4E-04
298	0.14178	6.48E-03	9.2E-04	1.05E-03	9.61E-07	8.61E-04	8.27E-10	1.0E+06	8.3E-04
299	0.12573	6.48E-03	8.2E-04	1.05E-03	8.52E-07	8.61E-04	7.34E-10	1.0E+06	7.3E-04
300	0.11239	6.48E-03	7.3E-04	1.05E-03	7.62E-07	8.61E-04	6.56E-10	1.0E+06	6.6E-04
301	0.10117	6.48E-03	6.6E-04	1.05E-03	6.85E-07	8.61E-04	5.90E-10	1.0E+06	5.9E-04
302	0.09165	6.48E-03	5.9E-04	1.05E-03	6.21E-07	8.61E-04	5.35E-10	1.0E+06	5.3E-04
303	0.08351	6.48E-03	5.4E-04	1.05E-03	5.66E-07	8.61E-04	4.87E-10	1.0E+06	4.9E-04
304	0.14638	6.48E-03	9.5E-04	1.05E-03	9.92E-07	8.61E-04	8.54E-10	1.0E+06	8.5E-04
305	0.12954	6.48E-03	8.4E-04	1.05E-03	8.78E-07	8.61E-04	7.56E-10	1.0E+06	7.6E-04
306	0.11557	6.48E-03	7.5E-04	1.05E-03	7.83E-07	8.61E-04	6.74E-10	1.0E+06	6.7E-04
307	0.10384	6.48E-03	6.7E-04	1.05E-03	7.04E-07	8.61E-04	6.06E-10	1.0E+06	6.1E-04
308	0.09391	6.48E-03	6.1E-04	1.05E-03	6.36E-07	8.61E-04	5.48E-10	1.0E+06	5.5E-04
309	0.08543	6.48E-03	5.5E-04	1.05E-03	5.79E-07	8.61E-04	4.98E-10	1.0E+06	5.0E-04
310	0.07814	6.48E-03	5.1E-04	1.05E-03	5.29E-07	8.61E-04	4.56E-10	1.0E+06	4.6E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
311	0.13375	6.48E-03	8.7E-04	1.05E-03	9.06E-07	8.61E-04	7.80E-10	1.0E+06	7.8E-04
312	0.11909	6.48E-03	7.7E-04	1.05E-03	8.07E-07	8.61E-04	6.95E-10	1.0E+06	6.9E-04
313	0.10682	6.48E-03	6.9E-04	1.05E-03	7.24E-07	8.61E-04	6.23E-10	1.0E+06	6.2E-04
314	0.09645	6.48E-03	6.3E-04	1.05E-03	6.54E-07	8.61E-04	5.63E-10	1.0E+06	5.6E-04
315	0.0876	6.48E-03	5.7E-04	1.05E-03	5.94E-07	8.61E-04	5.11E-10	1.0E+06	5.1E-04
316	0.08	6.48E-03	5.2E-04	1.05E-03	5.42E-07	8.61E-04	4.67E-10	1.0E+06	4.7E-04
317	0.07342	6.48E-03	4.8E-04	1.05E-03	4.97E-07	8.61E-04	4.28E-10	1.0E+06	4.3E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Building Construction Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	7.77E-05
2	5	8.17E-05
3	5	8.31E-05
4	5	1.15E-04
5	5	1.20E-04
6	5	1.24E-04
7	5	1.29E-04
8	5	1.33E-04
9	5	1.38E-04
10	5	1.43E-04
11	5	1.48E-04
12	5	1.56E-04
13	5	1.65E-04
14	5	1.76E-04
15	5	1.89E-04
16	5	2.03E-04
17	5	2.18E-04
18	5	2.32E-04
19	5	2.45E-04
20	5	2.56E-04
21	5	2.64E-04
22	5	2.68E-04
23	5	2.69E-04
24	5	2.67E-04
25	5	2.61E-04
26	5	8.42E-05
27	5	8.88E-05
28	5	9.04E-05
29	5	1.29E-04
30	5	1.35E-04
31	5	1.41E-04

Max	Receptor #
0.002	224

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	1.47E-04
33	5	1.53E-04
34	5	1.58E-04
35	5	1.65E-04
36	5	1.72E-04
37	5	1.82E-04
38	5	1.94E-04
39	5	2.09E-04
40	5	2.26E-04
41	5	2.44E-04
42	5	2.62E-04
43	5	2.79E-04
44	5	2.93E-04
45	5	3.03E-04
46	5	3.09E-04
47	5	3.10E-04
48	5	3.07E-04
49	5	3.00E-04
50	5	2.89E-04
51	5	9.16E-05
52	5	9.69E-05
53	5	9.90E-05
54	5	1.46E-04
55	5	1.54E-04
56	5	1.62E-04
57	5	1.70E-04
58	5	1.77E-04
59	5	1.84E-04
60	5	1.93E-04
61	5	2.03E-04
62	5	2.16E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	2.33E-04
64	5	2.52E-04
65	5	2.75E-04
66	5	2.98E-04
67	5	3.20E-04
68	5	3.39E-04
69	5	3.53E-04
70	5	3.61E-04
71	5	3.62E-04
72	5	3.58E-04
73	5	3.48E-04
74	5	3.33E-04
75	5	3.16E-04
76	5	1.00E-04
77	5	1.06E-04
78	5	1.09E-04
79	5	1.67E-04
80	5	1.78E-04
81	5	1.88E-04
82	5	1.98E-04
83	5	2.08E-04
84	5	2.18E-04
85	5	2.29E-04
86	5	2.44E-04
87	5	2.62E-04
88	5	2.85E-04
89	5	3.12E-04
90	5	3.42E-04
91	5	3.72E-04
92	5	3.97E-04
93	5	4.17E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	4.27E-04
95	5	4.29E-04
96	5	4.22E-04
97	5	4.08E-04
98	5	3.89E-04
99	5	3.65E-04
100	5	3.40E-04
101	5	1.09E-04
102	5	1.17E-04
103	5	1.21E-04
104	5	1.93E-04
105	5	2.07E-04
106	5	2.21E-04
107	5	2.35E-04
108	5	2.48E-04
109	5	2.62E-04
110	5	2.77E-04
111	5	2.99E-04
112	5	3.24E-04
113	5	3.57E-04
114	5	3.95E-04
115	5	4.35E-04
116	5	4.71E-04
117	5	4.99E-04
118	5	5.14E-04
119	5	5.17E-04
120	5	5.07E-04
121	5	4.87E-04
122	5	4.59E-04
123	5	4.27E-04
124	5	3.94E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.20E-04
126	5	1.29E-04
127	5	1.35E-04
128	5	2.44E-04
129	5	2.64E-04
130	5	2.83E-04
131	5	3.02E-04
132	5	3.21E-04
133	5	3.44E-04
134	5	3.74E-04
135	5	4.13E-04
136	5	4.62E-04
137	5	5.16E-04
138	5	5.68E-04
139	5	6.08E-04
140	5	6.31E-04
141	5	6.35E-04
142	5	6.20E-04
143	5	5.90E-04
144	5	5.51E-04
145	5	5.06E-04
146	5	4.60E-04
147	5	1.32E-04
148	5	1.43E-04
149	5	1.51E-04
150	5	2.92E-04
151	5	3.20E-04
152	5	3.48E-04
153	5	3.76E-04
154	5	4.04E-04
155	5	4.40E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	4.85E-04
157	5	5.45E-04
158	5	6.19E-04
159	5	6.94E-04
160	5	7.57E-04
161	5	7.93E-04
162	5	7.99E-04
163	5	7.76E-04
164	5	7.31E-04
165	5	6.73E-04
166	5	6.09E-04
167	5	5.44E-04
168	5	4.82E-04
169	5	1.45E-04
170	5	1.58E-04
171	5	1.70E-04
172	5	1.82E-04
173	5	3.56E-04
174	5	3.97E-04
175	5	4.39E-04
176	5	4.81E-04
177	5	5.26E-04
178	5	5.82E-04
179	5	6.54E-04
180	5	7.52E-04
181	5	8.65E-04
182	5	9.65E-04
183	5	7.44E-04
184	5	6.52E-04
185	5	1.75E-04
186	5	1.91E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	2.06E-04
188	5	4.41E-04
189	5	5.05E-04
190	5	5.72E-04
191	5	6.40E-04
192	5	7.16E-04
193	5	8.05E-04
194	5	9.31E-04
195	5	1.10E-03
196	5	1.27E-03
197	5	1.38E-03
198	5	2.13E-04
199	5	2.35E-04
200	5	2.37E-04
201	5	2.68E-04
202	5	2.99E-04
203	5	3.01E-04
204	5	3.48E-04
205	5	4.02E-04
206	5	3.97E-04
207	5	4.71E-04
208	5	5.68E-04
209	5	4.49E-04
210	5	5.49E-04
211	5	6.75E-04
212	5	6.33E-04
213	5	8.09E-04
214	5	1.05E-03
215	5	7.28E-04
216	5	9.46E-04
217	5	1.25E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	1.43E-03
219	5	2.02E-03
220	5	1.51E-03
221	5	2.02E-03
222	5	1.43E-03
223	5	1.80E-03
224	5	2.27E-03
225	5	1.48E-03
226	5	1.72E-03
227	5	1.70E-04
228	5	1.52E-04
229	5	1.37E-04
230	5	1.24E-04
231	5	1.56E-04
232	5	1.40E-04
233	5	1.27E-04
234	5	1.15E-04
235	5	1.43E-04
236	5	1.29E-04
237	5	1.18E-04
238	5	1.08E-04
239	5	1.04E-03
240	5	9.15E-04
241	5	8.09E-04
242	5	7.18E-04
243	5	9.07E-04
244	5	8.07E-04
245	5	7.20E-04
246	5	6.45E-04
247	5	7.95E-04
248	5	7.14E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	6.43E-04
250	5	5.81E-04
251	5	3.40E-04
252	5	3.16E-04
253	5	3.88E-04
254	5	3.62E-04
255	5	3.14E-04
256	5	2.93E-04
257	5	2.40E-04
258	5	3.55E-04
259	5	3.32E-04
260	5	3.11E-04
261	5	2.91E-04
262	5	2.72E-04
263	5	2.26E-04
264	5	3.05E-04
265	5	2.87E-04
266	5	2.70E-04
267	5	2.54E-04
268	5	2.12E-04
269	5	3.26E-04
270	5	2.78E-04
271	5	2.40E-04
272	5	2.10E-04
273	5	1.85E-04
274	5	1.64E-04
275	5	1.47E-04
276	5	2.91E-04
277	5	2.50E-04
278	5	2.17E-04
279	5	1.91E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	1.69E-04
281	5	1.51E-04
282	5	1.36E-04
283	5	2.60E-04
284	5	2.25E-04
285	5	1.97E-04
286	5	1.74E-04
287	5	1.55E-04
288	5	1.39E-04
289	5	1.25E-04
290	5	2.32E-04
291	5	2.03E-04
292	5	1.78E-04
293	5	1.59E-04
294	5	1.42E-04
295	5	1.28E-04
296	5	1.16E-04
297	5	2.09E-04
298	5	1.84E-04
299	5	1.63E-04
300	5	1.46E-04
301	5	1.31E-04
302	5	1.19E-04
303	5	1.08E-04
304	5	1.90E-04
305	5	1.68E-04
306	5	1.50E-04
307	5	1.35E-04
308	5	1.22E-04
309	5	1.11E-04
310	5	1.01E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Building Construction Risk**

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	1.73E-04
312	5	1.54E-04
313	5	1.38E-04
314	5	1.25E-04
315	5	1.14E-04
316	5	1.04E-04
317	5	9.52E-05

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Parcel 8-G: Unmitigated - Parcel 8 - Paving Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05827	3.89E-03	2.3E-04	1.05E-03	2.37E-07	8.61E-04	2.04E-10	1.0E+06	2.0E-04
2	0.06124	3.89E-03	2.4E-04	1.05E-03	2.49E-07	8.61E-04	2.14E-10	1.0E+06	2.1E-04
3	0.06233	3.89E-03	2.4E-04	1.05E-03	2.53E-07	8.61E-04	2.18E-10	1.0E+06	2.2E-04
4	0.08442	3.89E-03	3.3E-04	1.05E-03	3.43E-07	8.61E-04	2.95E-10	1.0E+06	3.0E-04
5	0.08775	3.89E-03	3.4E-04	1.05E-03	3.56E-07	8.61E-04	3.07E-10	1.0E+06	3.1E-04
6	0.09093	3.89E-03	3.5E-04	1.05E-03	3.69E-07	8.61E-04	3.18E-10	1.0E+06	3.2E-04
7	0.09397	3.89E-03	3.7E-04	1.05E-03	3.82E-07	8.61E-04	3.29E-10	1.0E+06	3.3E-04
8	0.097	3.89E-03	3.8E-04	1.05E-03	3.94E-07	8.61E-04	3.39E-10	1.0E+06	3.4E-04
9	0.10015	3.89E-03	3.9E-04	1.05E-03	4.07E-07	8.61E-04	3.50E-10	1.0E+06	3.5E-04
10	0.10366	3.89E-03	4.0E-04	1.05E-03	4.21E-07	8.61E-04	3.63E-10	1.0E+06	3.6E-04
11	0.1078	3.89E-03	4.2E-04	1.05E-03	4.38E-07	8.61E-04	3.77E-10	1.0E+06	3.8E-04
12	0.11292	3.89E-03	4.4E-04	1.05E-03	4.59E-07	8.61E-04	3.95E-10	1.0E+06	3.9E-04
13	0.11945	3.89E-03	4.6E-04	1.05E-03	4.85E-07	8.61E-04	4.18E-10	1.0E+06	4.2E-04
14	0.12711	3.89E-03	4.9E-04	1.05E-03	5.16E-07	8.61E-04	4.45E-10	1.0E+06	4.4E-04
15	0.13589	3.89E-03	5.3E-04	1.05E-03	5.52E-07	8.61E-04	4.75E-10	1.0E+06	4.8E-04
16	0.14559	3.89E-03	5.7E-04	1.05E-03	5.91E-07	8.61E-04	5.09E-10	1.0E+06	5.1E-04
17	0.15558	3.89E-03	6.0E-04	1.05E-03	6.32E-07	8.61E-04	5.44E-10	1.0E+06	5.4E-04
18	0.16543	3.89E-03	6.4E-04	1.05E-03	6.72E-07	8.61E-04	5.79E-10	1.0E+06	5.8E-04
19	0.1745	3.89E-03	6.8E-04	1.05E-03	7.09E-07	8.61E-04	6.10E-10	1.0E+06	6.1E-04
20	0.1822	3.89E-03	7.1E-04	1.05E-03	7.40E-07	8.61E-04	6.37E-10	1.0E+06	6.4E-04
21	0.18805	3.89E-03	7.3E-04	1.05E-03	7.64E-07	8.61E-04	6.58E-10	1.0E+06	6.6E-04
22	0.1917	3.89E-03	7.4E-04	1.05E-03	7.79E-07	8.61E-04	6.70E-10	1.0E+06	6.7E-04
23	0.19303	3.89E-03	7.5E-04	1.05E-03	7.84E-07	8.61E-04	6.75E-10	1.0E+06	6.8E-04
24	0.19207	3.89E-03	7.5E-04	1.05E-03	7.80E-07	8.61E-04	6.72E-10	1.0E+06	6.7E-04
25	0.189	3.89E-03	7.3E-04	1.05E-03	7.68E-07	8.61E-04	6.61E-10	1.0E+06	6.6E-04
26	0.06305	3.89E-03	2.4E-04	1.05E-03	2.56E-07	8.61E-04	2.20E-10	1.0E+06	2.2E-04
27	0.06644	3.89E-03	2.6E-04	1.05E-03	2.70E-07	8.61E-04	2.32E-10	1.0E+06	2.3E-04
28	0.06776	3.89E-03	2.6E-04	1.05E-03	2.75E-07	8.61E-04	2.37E-10	1.0E+06	2.4E-04
29	0.09463	3.89E-03	3.7E-04	1.05E-03	3.84E-07	8.61E-04	3.31E-10	1.0E+06	3.3E-04
30	0.09885	3.89E-03	3.8E-04	1.05E-03	4.01E-07	8.61E-04	3.46E-10	1.0E+06	3.5E-04
31	0.1029	3.89E-03	4.0E-04	1.05E-03	4.18E-07	8.61E-04	3.60E-10	1.0E+06	3.6E-04

<b>Max</b>	<b>Receptor #</b>
0.008	224

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
32	0.10678	3.89E-03	4.1E-04	1.05E-03	4.34E-07	8.61E-04	3.73E-10	1.0E+06	3.7E-04
33	0.1106	3.89E-03	4.3E-04	1.05E-03	4.49E-07	8.61E-04	3.87E-10	1.0E+06	3.9E-04
34	0.11459	3.89E-03	4.5E-04	1.05E-03	4.65E-07	8.61E-04	4.01E-10	1.0E+06	4.0E-04
35	0.11907	3.89E-03	4.6E-04	1.05E-03	4.84E-07	8.61E-04	4.16E-10	1.0E+06	4.2E-04
36	0.12441	3.89E-03	4.8E-04	1.05E-03	5.05E-07	8.61E-04	4.35E-10	1.0E+06	4.4E-04
37	0.13137	3.89E-03	5.1E-04	1.05E-03	5.34E-07	8.61E-04	4.59E-10	1.0E+06	4.6E-04
38	0.13999	3.89E-03	5.4E-04	1.05E-03	5.69E-07	8.61E-04	4.90E-10	1.0E+06	4.9E-04
39	0.14994	3.89E-03	5.8E-04	1.05E-03	6.09E-07	8.61E-04	5.24E-10	1.0E+06	5.2E-04
40	0.16134	3.89E-03	6.3E-04	1.05E-03	6.55E-07	8.61E-04	5.64E-10	1.0E+06	5.6E-04
41	0.17369	3.89E-03	6.7E-04	1.05E-03	7.05E-07	8.61E-04	6.07E-10	1.0E+06	6.1E-04
42	0.18592	3.89E-03	7.2E-04	1.05E-03	7.55E-07	8.61E-04	6.50E-10	1.0E+06	6.5E-04
43	0.19748	3.89E-03	7.7E-04	1.05E-03	8.02E-07	8.61E-04	6.91E-10	1.0E+06	6.9E-04
44	0.2074	3.89E-03	8.1E-04	1.05E-03	8.42E-07	8.61E-04	7.25E-10	1.0E+06	7.3E-04
45	0.21496	3.89E-03	8.4E-04	1.05E-03	8.73E-07	8.61E-04	7.52E-10	1.0E+06	7.5E-04
46	0.21966	3.89E-03	8.5E-04	1.05E-03	8.92E-07	8.61E-04	7.68E-10	1.0E+06	7.7E-04
47	0.22129	3.89E-03	8.6E-04	1.05E-03	8.99E-07	8.61E-04	7.74E-10	1.0E+06	7.7E-04
48	0.21989	3.89E-03	8.5E-04	1.05E-03	8.93E-07	8.61E-04	7.69E-10	1.0E+06	7.7E-04
49	0.21576	3.89E-03	8.4E-04	1.05E-03	8.76E-07	8.61E-04	7.55E-10	1.0E+06	7.5E-04
50	0.2093	3.89E-03	8.1E-04	1.05E-03	8.50E-07	8.61E-04	7.32E-10	1.0E+06	7.3E-04
51	0.06849	3.89E-03	2.7E-04	1.05E-03	2.78E-07	8.61E-04	2.40E-10	1.0E+06	2.4E-04
52	0.07241	3.89E-03	2.8E-04	1.05E-03	2.94E-07	8.61E-04	2.53E-10	1.0E+06	2.5E-04
53	0.07409	3.89E-03	2.9E-04	1.05E-03	3.01E-07	8.61E-04	2.59E-10	1.0E+06	2.6E-04
54	0.10691	3.89E-03	4.2E-04	1.05E-03	4.34E-07	8.61E-04	3.74E-10	1.0E+06	3.7E-04
55	0.11233	3.89E-03	4.4E-04	1.05E-03	4.56E-07	8.61E-04	3.93E-10	1.0E+06	3.9E-04
56	0.11753	3.89E-03	4.6E-04	1.05E-03	4.77E-07	8.61E-04	4.11E-10	1.0E+06	4.1E-04
57	0.12255	3.89E-03	4.8E-04	1.05E-03	4.98E-07	8.61E-04	4.29E-10	1.0E+06	4.3E-04
58	0.12748	3.89E-03	5.0E-04	1.05E-03	5.18E-07	8.61E-04	4.46E-10	1.0E+06	4.5E-04
59	0.13267	3.89E-03	5.2E-04	1.05E-03	5.39E-07	8.61E-04	4.64E-10	1.0E+06	4.6E-04
60	0.13854	3.89E-03	5.4E-04	1.05E-03	5.63E-07	8.61E-04	4.84E-10	1.0E+06	4.8E-04
61	0.14563	3.89E-03	5.7E-04	1.05E-03	5.91E-07	8.61E-04	5.09E-10	1.0E+06	5.1E-04
62	0.1551	3.89E-03	6.0E-04	1.05E-03	6.30E-07	8.61E-04	5.42E-10	1.0E+06	5.4E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.16656	3.89E-03	6.5E-04	1.05E-03	6.76E-07	8.61E-04	5.82E-10	1.0E+06	5.8E-04
64	0.1799	3.89E-03	7.0E-04	1.05E-03	7.31E-07	8.61E-04	6.29E-10	1.0E+06	6.3E-04
65	0.19486	3.89E-03	7.6E-04	1.05E-03	7.91E-07	8.61E-04	6.81E-10	1.0E+06	6.8E-04
66	0.21047	3.89E-03	8.2E-04	1.05E-03	8.55E-07	8.61E-04	7.36E-10	1.0E+06	7.4E-04
67	0.22529	3.89E-03	8.8E-04	1.05E-03	9.15E-07	8.61E-04	7.88E-10	1.0E+06	7.9E-04
68	0.23831	3.89E-03	9.3E-04	1.05E-03	9.68E-07	8.61E-04	8.33E-10	1.0E+06	8.3E-04
69	0.24832	3.89E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.68E-10	1.0E+06	8.7E-04
70	0.25453	3.89E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.90E-10	1.0E+06	8.9E-04
71	0.25658	3.89E-03	1.0E-03	1.05E-03	1.04E-06	8.61E-04	8.97E-10	1.0E+06	9.0E-04
72	0.25457	3.89E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.90E-10	1.0E+06	8.9E-04
73	0.24893	3.89E-03	9.7E-04	1.05E-03	1.01E-06	8.61E-04	8.71E-10	1.0E+06	8.7E-04
74	0.24029	3.89E-03	9.3E-04	1.05E-03	9.76E-07	8.61E-04	8.40E-10	1.0E+06	8.4E-04
75	0.22939	3.89E-03	8.9E-04	1.05E-03	9.32E-07	8.61E-04	8.02E-10	1.0E+06	8.0E-04
76	0.07471	3.89E-03	2.9E-04	1.05E-03	3.03E-07	8.61E-04	2.61E-10	1.0E+06	2.6E-04
77	0.07927	3.89E-03	3.1E-04	1.05E-03	3.22E-07	8.61E-04	2.77E-10	1.0E+06	2.8E-04
78	0.08153	3.89E-03	3.2E-04	1.05E-03	3.31E-07	8.61E-04	2.85E-10	1.0E+06	2.9E-04
79	0.12182	3.89E-03	4.7E-04	1.05E-03	4.95E-07	8.61E-04	4.26E-10	1.0E+06	4.3E-04
80	0.12889	3.89E-03	5.0E-04	1.05E-03	5.23E-07	8.61E-04	4.51E-10	1.0E+06	4.5E-04
81	0.1357	3.89E-03	5.3E-04	1.05E-03	5.51E-07	8.61E-04	4.75E-10	1.0E+06	4.7E-04
82	0.14229	3.89E-03	5.5E-04	1.05E-03	5.78E-07	8.61E-04	4.98E-10	1.0E+06	5.0E-04
83	0.14884	3.89E-03	5.8E-04	1.05E-03	6.05E-07	8.61E-04	5.21E-10	1.0E+06	5.2E-04
84	0.15573	3.89E-03	6.1E-04	1.05E-03	6.32E-07	8.61E-04	5.45E-10	1.0E+06	5.4E-04
85	0.1636	3.89E-03	6.4E-04	1.05E-03	6.64E-07	8.61E-04	5.72E-10	1.0E+06	5.7E-04
86	0.17387	3.89E-03	6.8E-04	1.05E-03	7.06E-07	8.61E-04	6.08E-10	1.0E+06	6.1E-04
87	0.18661	3.89E-03	7.3E-04	1.05E-03	7.58E-07	8.61E-04	6.53E-10	1.0E+06	6.5E-04
88	0.20202	3.89E-03	7.9E-04	1.05E-03	8.20E-07	8.61E-04	7.06E-10	1.0E+06	7.1E-04
89	0.22015	3.89E-03	8.6E-04	1.05E-03	8.94E-07	8.61E-04	7.70E-10	1.0E+06	7.7E-04
90	0.23995	3.89E-03	9.3E-04	1.05E-03	9.75E-07	8.61E-04	8.39E-10	1.0E+06	8.4E-04
91	0.25935	3.89E-03	1.0E-03	1.05E-03	1.05E-06	8.61E-04	9.07E-10	1.0E+06	9.1E-04
92	0.27675	3.89E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.68E-10	1.0E+06	9.7E-04
93	0.29032	3.89E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.29874	3.89E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
95	0.30144	3.89E-03	1.2E-03	1.05E-03	1.22E-06	8.61E-04	1.05E-09	1.0E+06	1.1E-03
96	0.29854	3.89E-03	1.2E-03	1.05E-03	1.21E-06	8.61E-04	1.04E-09	1.0E+06	1.0E-03
97	0.29071	3.89E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.02E-09	1.0E+06	1.0E-03
98	0.27894	3.89E-03	1.1E-03	1.05E-03	1.13E-06	8.61E-04	9.75E-10	1.0E+06	9.8E-04
99	0.26434	3.89E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.24E-10	1.0E+06	9.2E-04
100	0.24797	3.89E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.67E-10	1.0E+06	8.7E-04
101	0.08177	3.89E-03	3.2E-04	1.05E-03	3.32E-07	8.61E-04	2.86E-10	1.0E+06	2.9E-04
102	0.08719	3.89E-03	3.4E-04	1.05E-03	3.54E-07	8.61E-04	3.05E-10	1.0E+06	3.0E-04
103	0.09028	3.89E-03	3.5E-04	1.05E-03	3.67E-07	8.61E-04	3.16E-10	1.0E+06	3.2E-04
104	0.14013	3.89E-03	5.4E-04	1.05E-03	5.69E-07	8.61E-04	4.90E-10	1.0E+06	4.9E-04
105	0.14953	3.89E-03	5.8E-04	1.05E-03	6.07E-07	8.61E-04	5.23E-10	1.0E+06	5.2E-04
106	0.15868	3.89E-03	6.2E-04	1.05E-03	6.44E-07	8.61E-04	5.55E-10	1.0E+06	5.5E-04
107	0.16757	3.89E-03	6.5E-04	1.05E-03	6.81E-07	8.61E-04	5.86E-10	1.0E+06	5.9E-04
108	0.17643	3.89E-03	6.9E-04	1.05E-03	7.17E-07	8.61E-04	6.17E-10	1.0E+06	6.2E-04
109	0.18576	3.89E-03	7.2E-04	1.05E-03	7.54E-07	8.61E-04	6.50E-10	1.0E+06	6.5E-04
110	0.19677	3.89E-03	7.6E-04	1.05E-03	7.99E-07	8.61E-04	6.88E-10	1.0E+06	6.9E-04
111	0.21144	3.89E-03	8.2E-04	1.05E-03	8.59E-07	8.61E-04	7.39E-10	1.0E+06	7.4E-04
112	0.22895	3.89E-03	8.9E-04	1.05E-03	9.30E-07	8.61E-04	8.01E-10	1.0E+06	8.0E-04
113	0.25068	3.89E-03	9.7E-04	1.05E-03	1.02E-06	8.61E-04	8.77E-10	1.0E+06	8.8E-04
114	0.2757	3.89E-03	1.1E-03	1.05E-03	1.12E-06	8.61E-04	9.64E-10	1.0E+06	9.6E-04
115	0.30169	3.89E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
116	0.32523	3.89E-03	1.3E-03	1.05E-03	1.32E-06	8.61E-04	1.14E-09	1.0E+06	1.1E-03
117	0.34413	3.89E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
118	0.35593	3.89E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
119	0.35963	3.89E-03	1.4E-03	1.05E-03	1.46E-06	8.61E-04	1.26E-09	1.0E+06	1.3E-03
120	0.3554	3.89E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
121	0.34432	3.89E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.20E-09	1.0E+06	1.2E-03
122	0.32796	3.89E-03	1.3E-03	1.05E-03	1.33E-06	8.61E-04	1.15E-09	1.0E+06	1.1E-03
123	0.30803	3.89E-03	1.2E-03	1.05E-03	1.25E-06	8.61E-04	1.08E-09	1.0E+06	1.1E-03
124	0.28613	3.89E-03	1.1E-03	1.05E-03	1.16E-06	8.61E-04	1.00E-09	1.0E+06	1.0E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
125	0.08977	3.89E-03	3.5E-04	1.05E-03	3.65E-07	8.61E-04	3.14E-10	1.0E+06	3.1E-04
126	0.09625	3.89E-03	3.7E-04	1.05E-03	3.91E-07	8.61E-04	3.37E-10	1.0E+06	3.4E-04
127	0.10044	3.89E-03	3.9E-04	1.05E-03	4.08E-07	8.61E-04	3.51E-10	1.0E+06	3.5E-04
128	0.1757	3.89E-03	6.8E-04	1.05E-03	7.14E-07	8.61E-04	6.14E-10	1.0E+06	6.1E-04
129	0.1883	3.89E-03	7.3E-04	1.05E-03	7.65E-07	8.61E-04	6.59E-10	1.0E+06	6.6E-04
130	0.20065	3.89E-03	7.8E-04	1.05E-03	8.15E-07	8.61E-04	7.02E-10	1.0E+06	7.0E-04
131	0.21291	3.89E-03	8.3E-04	1.05E-03	8.65E-07	8.61E-04	7.45E-10	1.0E+06	7.4E-04
132	0.22593	3.89E-03	8.8E-04	1.05E-03	9.18E-07	8.61E-04	7.90E-10	1.0E+06	7.9E-04
133	0.24214	3.89E-03	9.4E-04	1.05E-03	9.83E-07	8.61E-04	8.47E-10	1.0E+06	8.5E-04
134	0.26264	3.89E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.18E-10	1.0E+06	9.2E-04
135	0.28827	3.89E-03	1.1E-03	1.05E-03	1.17E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
136	0.3197	3.89E-03	1.2E-03	1.05E-03	1.30E-06	8.61E-04	1.12E-09	1.0E+06	1.1E-03
137	0.35438	3.89E-03	1.4E-03	1.05E-03	1.44E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
138	0.38758	3.89E-03	1.5E-03	1.05E-03	1.57E-06	8.61E-04	1.36E-09	1.0E+06	1.4E-03
139	0.41444	3.89E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.45E-09	1.0E+06	1.4E-03
140	0.43163	3.89E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
141	0.43697	3.89E-03	1.7E-03	1.05E-03	1.77E-06	8.61E-04	1.53E-09	1.0E+06	1.5E-03
142	0.43069	3.89E-03	1.7E-03	1.05E-03	1.75E-06	8.61E-04	1.51E-09	1.0E+06	1.5E-03
143	0.41461	3.89E-03	1.6E-03	1.05E-03	1.68E-06	8.61E-04	1.45E-09	1.0E+06	1.4E-03
144	0.39132	3.89E-03	1.5E-03	1.05E-03	1.59E-06	8.61E-04	1.37E-09	1.0E+06	1.4E-03
145	0.36354	3.89E-03	1.4E-03	1.05E-03	1.48E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
146	0.33368	3.89E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
147	0.09873	3.89E-03	3.8E-04	1.05E-03	4.01E-07	8.61E-04	3.45E-10	1.0E+06	3.5E-04
148	0.1066	3.89E-03	4.1E-04	1.05E-03	4.33E-07	8.61E-04	3.73E-10	1.0E+06	3.7E-04
149	0.11254	3.89E-03	4.4E-04	1.05E-03	4.57E-07	8.61E-04	3.94E-10	1.0E+06	3.9E-04
150	0.20949	3.89E-03	8.1E-04	1.05E-03	8.51E-07	8.61E-04	7.33E-10	1.0E+06	7.3E-04
151	0.22729	3.89E-03	8.8E-04	1.05E-03	9.23E-07	8.61E-04	7.95E-10	1.0E+06	7.9E-04
152	0.24493	3.89E-03	9.5E-04	1.05E-03	9.95E-07	8.61E-04	8.57E-10	1.0E+06	8.6E-04
153	0.26255	3.89E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.18E-10	1.0E+06	9.2E-04
154	0.28137	3.89E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.84E-10	1.0E+06	9.8E-04
155	0.30617	3.89E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
156	0.33597	3.89E-03	1.3E-03	1.05E-03	1.36E-06	8.61E-04	1.17E-09	1.0E+06	1.2E-03
157	0.37479	3.89E-03	1.5E-03	1.05E-03	1.52E-06	8.61E-04	1.31E-09	1.0E+06	1.3E-03
158	0.42114	3.89E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03
159	0.46867	3.89E-03	1.8E-03	1.05E-03	1.90E-06	8.61E-04	1.64E-09	1.0E+06	1.6E-03
160	0.50852	3.89E-03	2.0E-03	1.05E-03	2.07E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
161	0.53453	3.89E-03	2.1E-03	1.05E-03	2.17E-06	8.61E-04	1.87E-09	1.0E+06	1.9E-03
162	0.54276	3.89E-03	2.1E-03	1.05E-03	2.20E-06	8.61E-04	1.90E-09	1.0E+06	1.9E-03
163	0.53323	3.89E-03	2.1E-03	1.05E-03	2.17E-06	8.61E-04	1.86E-09	1.0E+06	1.9E-03
164	0.50915	3.89E-03	2.0E-03	1.05E-03	2.07E-06	8.61E-04	1.78E-09	1.0E+06	1.8E-03
165	0.47502	3.89E-03	1.8E-03	1.05E-03	1.93E-06	8.61E-04	1.66E-09	1.0E+06	1.7E-03
166	0.43534	3.89E-03	1.7E-03	1.05E-03	1.77E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
167	0.39378	3.89E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
168	0.35302	3.89E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.23E-09	1.0E+06	1.2E-03
169	0.10868	3.89E-03	4.2E-04	1.05E-03	4.41E-07	8.61E-04	3.80E-10	1.0E+06	3.8E-04
170	0.11828	3.89E-03	4.6E-04	1.05E-03	4.80E-07	8.61E-04	4.14E-10	1.0E+06	4.1E-04
171	0.12681	3.89E-03	4.9E-04	1.05E-03	5.15E-07	8.61E-04	4.43E-10	1.0E+06	4.4E-04
172	0.13532	3.89E-03	5.3E-04	1.05E-03	5.50E-07	8.61E-04	4.73E-10	1.0E+06	4.7E-04
173	0.25397	3.89E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.88E-10	1.0E+06	8.9E-04
174	0.28001	3.89E-03	1.1E-03	1.05E-03	1.14E-06	8.61E-04	9.79E-10	1.0E+06	9.8E-04
175	0.30627	3.89E-03	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
176	0.33256	3.89E-03	1.3E-03	1.05E-03	1.35E-06	8.61E-04	1.16E-09	1.0E+06	1.2E-03
177	0.36181	3.89E-03	1.4E-03	1.05E-03	1.47E-06	8.61E-04	1.27E-09	1.0E+06	1.3E-03
178	0.39905	3.89E-03	1.6E-03	1.05E-03	1.62E-06	8.61E-04	1.40E-09	1.0E+06	1.4E-03
179	0.44601	3.89E-03	1.7E-03	1.05E-03	1.81E-06	8.61E-04	1.56E-09	1.0E+06	1.6E-03
180	0.50722	3.89E-03	2.0E-03	1.05E-03	2.06E-06	8.61E-04	1.77E-09	1.0E+06	1.8E-03
181	0.57587	3.89E-03	2.2E-03	1.05E-03	2.34E-06	8.61E-04	2.01E-09	1.0E+06	2.0E-03
182	0.63769	3.89E-03	2.5E-03	1.05E-03	2.59E-06	8.61E-04	2.23E-09	1.0E+06	2.2E-03
183	0.53008	3.89E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.9E-03
184	0.47086	3.89E-03	1.8E-03	1.05E-03	1.91E-06	8.61E-04	1.65E-09	1.0E+06	1.6E-03
185	0.13132	3.89E-03	5.1E-04	1.05E-03	5.33E-07	8.61E-04	4.59E-10	1.0E+06	4.6E-04
186	0.14304	3.89E-03	5.6E-04	1.05E-03	5.81E-07	8.61E-04	5.00E-10	1.0E+06	5.0E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
187	0.15384	3.89E-03	6.0E-04	1.05E-03	6.25E-07	8.61E-04	5.38E-10	1.0E+06	5.4E-04
188	0.31372	3.89E-03	1.2E-03	1.05E-03	1.27E-06	8.61E-04	1.10E-09	1.0E+06	1.1E-03
189	0.35324	3.89E-03	1.4E-03	1.05E-03	1.43E-06	8.61E-04	1.24E-09	1.0E+06	1.2E-03
190	0.39417	3.89E-03	1.5E-03	1.05E-03	1.60E-06	8.61E-04	1.38E-09	1.0E+06	1.4E-03
191	0.4359	3.89E-03	1.7E-03	1.05E-03	1.77E-06	8.61E-04	1.52E-09	1.0E+06	1.5E-03
192	0.48463	3.89E-03	1.9E-03	1.05E-03	1.97E-06	8.61E-04	1.69E-09	1.0E+06	1.7E-03
193	0.54273	3.89E-03	2.1E-03	1.05E-03	2.20E-06	8.61E-04	1.90E-09	1.0E+06	1.9E-03
194	0.6216	3.89E-03	2.4E-03	1.05E-03	2.52E-06	8.61E-04	2.17E-09	1.0E+06	2.2E-03
195	0.72088	3.89E-03	2.8E-03	1.05E-03	2.93E-06	8.61E-04	2.52E-09	1.0E+06	2.5E-03
196	0.82033	3.89E-03	3.2E-03	1.05E-03	3.33E-06	8.61E-04	2.87E-09	1.0E+06	2.9E-03
197	0.89124	3.89E-03	3.5E-03	1.05E-03	3.62E-06	8.61E-04	3.12E-09	1.0E+06	3.1E-03
198	0.15988	3.89E-03	6.2E-04	1.05E-03	6.49E-07	8.61E-04	5.59E-10	1.0E+06	5.6E-04
199	0.1763	3.89E-03	6.9E-04	1.05E-03	7.16E-07	8.61E-04	6.17E-10	1.0E+06	6.2E-04
200	0.17924	3.89E-03	7.0E-04	1.05E-03	7.28E-07	8.61E-04	6.27E-10	1.0E+06	6.3E-04
201	0.20157	3.89E-03	7.8E-04	1.05E-03	8.19E-07	8.61E-04	7.05E-10	1.0E+06	7.0E-04
202	0.22409	3.89E-03	8.7E-04	1.05E-03	9.10E-07	8.61E-04	7.84E-10	1.0E+06	7.8E-04
203	0.2283	3.89E-03	8.9E-04	1.05E-03	9.27E-07	8.61E-04	7.98E-10	1.0E+06	8.0E-04
204	0.26277	3.89E-03	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.19E-10	1.0E+06	9.2E-04
205	0.30179	3.89E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
206	0.30281	3.89E-03	1.2E-03	1.05E-03	1.23E-06	8.61E-04	1.06E-09	1.0E+06	1.1E-03
207	0.35725	3.89E-03	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.2E-03
208	0.42786	3.89E-03	1.7E-03	1.05E-03	1.74E-06	8.61E-04	1.50E-09	1.0E+06	1.5E-03
209	0.3456	3.89E-03	1.3E-03	1.05E-03	1.40E-06	8.61E-04	1.21E-09	1.0E+06	1.2E-03
210	0.42137	3.89E-03	1.6E-03	1.05E-03	1.71E-06	8.61E-04	1.47E-09	1.0E+06	1.5E-03
211	0.51626	3.89E-03	2.0E-03	1.05E-03	2.10E-06	8.61E-04	1.81E-09	1.0E+06	1.8E-03
212	0.49	3.89E-03	1.9E-03	1.05E-03	1.99E-06	8.61E-04	1.71E-09	1.0E+06	1.7E-03
213	0.62649	3.89E-03	2.4E-03	1.05E-03	2.54E-06	8.61E-04	2.19E-09	1.0E+06	2.2E-03
214	0.81046	3.89E-03	3.1E-03	1.05E-03	3.29E-06	8.61E-04	2.83E-09	1.0E+06	2.8E-03
215	0.56797	3.89E-03	2.2E-03	1.05E-03	2.31E-06	8.61E-04	1.99E-09	1.0E+06	2.0E-03
216	0.74312	3.89E-03	2.9E-03	1.05E-03	3.02E-06	8.61E-04	2.60E-09	1.0E+06	2.6E-03
217	0.99196	3.89E-03	3.9E-03	1.05E-03	4.03E-06	8.61E-04	3.47E-09	1.0E+06	3.5E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
218	1.17731	3.89E-03	4.6E-03	1.05E-03	4.78E-06	8.61E-04	4.12E-09	1.0E+06	4.1E-03
219	1.71387	3.89E-03	6.7E-03	1.05E-03	6.96E-06	8.61E-04	5.99E-09	1.0E+06	6.0E-03
220	1.29532	3.89E-03	5.0E-03	1.05E-03	5.26E-06	8.61E-04	4.53E-09	1.0E+06	4.5E-03
221	1.81345	3.89E-03	7.0E-03	1.05E-03	7.37E-06	8.61E-04	6.34E-09	1.0E+06	6.3E-03
222	1.27391	3.89E-03	5.0E-03	1.05E-03	5.17E-06	8.61E-04	4.46E-09	1.0E+06	4.5E-03
223	1.67545	3.89E-03	6.5E-03	1.05E-03	6.80E-06	8.61E-04	5.86E-09	1.0E+06	5.9E-03
224	2.23486	3.89E-03	8.7E-03	1.05E-03	9.08E-06	8.61E-04	7.82E-09	1.0E+06	7.8E-03
225	1.39489	3.89E-03	5.4E-03	1.05E-03	5.67E-06	8.61E-04	4.88E-09	1.0E+06	4.9E-03
226	1.67498	3.89E-03	6.5E-03	1.05E-03	6.80E-06	8.61E-04	5.86E-09	1.0E+06	5.9E-03
227	0.13351	3.89E-03	5.2E-04	1.05E-03	5.42E-07	8.61E-04	4.67E-10	1.0E+06	4.7E-04
228	0.11905	3.89E-03	4.6E-04	1.05E-03	4.84E-07	8.61E-04	4.16E-10	1.0E+06	4.2E-04
229	0.10687	3.89E-03	4.2E-04	1.05E-03	4.34E-07	8.61E-04	3.74E-10	1.0E+06	3.7E-04
230	0.09652	3.89E-03	3.8E-04	1.05E-03	3.92E-07	8.61E-04	3.38E-10	1.0E+06	3.4E-04
231	0.12206	3.89E-03	4.7E-04	1.05E-03	4.96E-07	8.61E-04	4.27E-10	1.0E+06	4.3E-04
232	0.10961	3.89E-03	4.3E-04	1.05E-03	4.45E-07	8.61E-04	3.83E-10	1.0E+06	3.8E-04
233	0.09901	3.89E-03	3.8E-04	1.05E-03	4.02E-07	8.61E-04	3.46E-10	1.0E+06	3.5E-04
234	0.08991	3.89E-03	3.5E-04	1.05E-03	3.65E-07	8.61E-04	3.14E-10	1.0E+06	3.1E-04
235	0.11181	3.89E-03	4.3E-04	1.05E-03	4.54E-07	8.61E-04	3.91E-10	1.0E+06	3.9E-04
236	0.1011	3.89E-03	3.9E-04	1.05E-03	4.11E-07	8.61E-04	3.54E-10	1.0E+06	3.5E-04
237	0.09186	3.89E-03	3.6E-04	1.05E-03	3.73E-07	8.61E-04	3.21E-10	1.0E+06	3.2E-04
238	0.08386	3.89E-03	3.3E-04	1.05E-03	3.41E-07	8.61E-04	2.93E-10	1.0E+06	2.9E-04
239	0.87752	3.89E-03	3.4E-03	1.05E-03	3.56E-06	8.61E-04	3.07E-09	1.0E+06	3.1E-03
240	0.76296	3.89E-03	3.0E-03	1.05E-03	3.10E-06	8.61E-04	2.67E-09	1.0E+06	2.7E-03
241	0.6679	3.89E-03	2.6E-03	1.05E-03	2.71E-06	8.61E-04	2.34E-09	1.0E+06	2.3E-03
242	0.58852	3.89E-03	2.3E-03	1.05E-03	2.39E-06	8.61E-04	2.06E-09	1.0E+06	2.1E-03
243	0.76196	3.89E-03	3.0E-03	1.05E-03	3.09E-06	8.61E-04	2.66E-09	1.0E+06	2.7E-03
244	0.67084	3.89E-03	2.6E-03	1.05E-03	2.72E-06	8.61E-04	2.35E-09	1.0E+06	2.3E-03
245	0.59359	3.89E-03	2.3E-03	1.05E-03	2.41E-06	8.61E-04	2.08E-09	1.0E+06	2.1E-03
246	0.52788	3.89E-03	2.1E-03	1.05E-03	2.14E-06	8.61E-04	1.85E-09	1.0E+06	1.8E-03
247	0.66622	3.89E-03	2.6E-03	1.05E-03	2.71E-06	8.61E-04	2.33E-09	1.0E+06	2.3E-03
248	0.59307	3.89E-03	2.3E-03	1.05E-03	2.41E-06	8.61E-04	2.07E-09	1.0E+06	2.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
249	0.52983	3.89E-03	2.1E-03	1.05E-03	2.15E-06	8.61E-04	1.85E-09	1.0E+06	1.9E-03
250	0.47508	3.89E-03	1.8E-03	1.05E-03	1.93E-06	8.61E-04	1.66E-09	1.0E+06	1.7E-03
251	0.27447	3.89E-03	1.1E-03	1.05E-03	1.11E-06	8.61E-04	9.60E-10	1.0E+06	9.6E-04
252	0.25406	3.89E-03	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.88E-10	1.0E+06	8.9E-04
253	0.31777	3.89E-03	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
254	0.29435	3.89E-03	1.1E-03	1.05E-03	1.20E-06	8.61E-04	1.03E-09	1.0E+06	1.0E-03
255	0.25336	3.89E-03	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.86E-10	1.0E+06	8.9E-04
256	0.23553	3.89E-03	9.2E-04	1.05E-03	9.57E-07	8.61E-04	8.24E-10	1.0E+06	8.2E-04
257	0.19125	3.89E-03	7.4E-04	1.05E-03	7.77E-07	8.61E-04	6.69E-10	1.0E+06	6.7E-04
258	0.28986	3.89E-03	1.1E-03	1.05E-03	1.18E-06	8.61E-04	1.01E-09	1.0E+06	1.0E-03
259	0.26984	3.89E-03	1.0E-03	1.05E-03	1.10E-06	8.61E-04	9.44E-10	1.0E+06	9.4E-04
260	0.25132	3.89E-03	9.8E-04	1.05E-03	1.02E-06	8.61E-04	8.79E-10	1.0E+06	8.8E-04
261	0.23433	3.89E-03	9.1E-04	1.05E-03	9.52E-07	8.61E-04	8.19E-10	1.0E+06	8.2E-04
262	0.21873	3.89E-03	8.5E-04	1.05E-03	8.88E-07	8.61E-04	7.65E-10	1.0E+06	7.6E-04
263	0.17947	3.89E-03	7.0E-04	1.05E-03	7.29E-07	8.61E-04	6.28E-10	1.0E+06	6.3E-04
264	0.24799	3.89E-03	9.6E-04	1.05E-03	1.01E-06	8.61E-04	8.67E-10	1.0E+06	8.7E-04
265	0.23201	3.89E-03	9.0E-04	1.05E-03	9.42E-07	8.61E-04	8.11E-10	1.0E+06	8.1E-04
266	0.21719	3.89E-03	8.4E-04	1.05E-03	8.82E-07	8.61E-04	7.60E-10	1.0E+06	7.6E-04
267	0.20349	3.89E-03	7.9E-04	1.05E-03	8.26E-07	8.61E-04	7.12E-10	1.0E+06	7.1E-04
268	0.16865	3.89E-03	6.6E-04	1.05E-03	6.85E-07	8.61E-04	5.90E-10	1.0E+06	5.9E-04
269	0.2553	3.89E-03	9.9E-04	1.05E-03	1.04E-06	8.61E-04	8.93E-10	1.0E+06	8.9E-04
270	0.21802	3.89E-03	8.5E-04	1.05E-03	8.85E-07	8.61E-04	7.62E-10	1.0E+06	7.6E-04
271	0.18833	3.89E-03	7.3E-04	1.05E-03	7.65E-07	8.61E-04	6.59E-10	1.0E+06	6.6E-04
272	0.16435	3.89E-03	6.4E-04	1.05E-03	6.67E-07	8.61E-04	5.75E-10	1.0E+06	5.7E-04
273	0.14474	3.89E-03	5.6E-04	1.05E-03	5.88E-07	8.61E-04	5.06E-10	1.0E+06	5.1E-04
274	0.12855	3.89E-03	5.0E-04	1.05E-03	5.22E-07	8.61E-04	4.50E-10	1.0E+06	4.5E-04
275	0.11502	3.89E-03	4.5E-04	1.05E-03	4.67E-07	8.61E-04	4.02E-10	1.0E+06	4.0E-04
276	0.22935	3.89E-03	8.9E-04	1.05E-03	9.31E-07	8.61E-04	8.02E-10	1.0E+06	8.0E-04
277	0.19682	3.89E-03	7.6E-04	1.05E-03	7.99E-07	8.61E-04	6.88E-10	1.0E+06	6.9E-04
278	0.17085	3.89E-03	6.6E-04	1.05E-03	6.94E-07	8.61E-04	5.97E-10	1.0E+06	6.0E-04
279	0.1498	3.89E-03	5.8E-04	1.05E-03	6.08E-07	8.61E-04	5.24E-10	1.0E+06	5.2E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.13253	3.89E-03	5.1E-04	1.05E-03	5.38E-07	8.61E-04	4.63E-10	1.0E+06	4.6E-04
281	0.11822	3.89E-03	4.6E-04	1.05E-03	4.80E-07	8.61E-04	4.13E-10	1.0E+06	4.1E-04
282	0.10621	3.89E-03	4.1E-04	1.05E-03	4.31E-07	8.61E-04	3.71E-10	1.0E+06	3.7E-04
283	0.20484	3.89E-03	8.0E-04	1.05E-03	8.32E-07	8.61E-04	7.16E-10	1.0E+06	7.2E-04
284	0.17701	3.89E-03	6.9E-04	1.05E-03	7.19E-07	8.61E-04	6.19E-10	1.0E+06	6.2E-04
285	0.15465	3.89E-03	6.0E-04	1.05E-03	6.28E-07	8.61E-04	5.41E-10	1.0E+06	5.4E-04
286	0.13639	3.89E-03	5.3E-04	1.05E-03	5.54E-07	8.61E-04	4.77E-10	1.0E+06	4.8E-04
287	0.12132	3.89E-03	4.7E-04	1.05E-03	4.93E-07	8.61E-04	4.24E-10	1.0E+06	4.2E-04
288	0.10874	3.89E-03	4.2E-04	1.05E-03	4.42E-07	8.61E-04	3.80E-10	1.0E+06	3.8E-04
289	0.09814	3.89E-03	3.8E-04	1.05E-03	3.99E-07	8.61E-04	3.43E-10	1.0E+06	3.4E-04
290	0.18305	3.89E-03	7.1E-04	1.05E-03	7.43E-07	8.61E-04	6.40E-10	1.0E+06	6.4E-04
291	0.15943	3.89E-03	6.2E-04	1.05E-03	6.48E-07	8.61E-04	5.58E-10	1.0E+06	5.6E-04
292	0.14024	3.89E-03	5.4E-04	1.05E-03	5.70E-07	8.61E-04	4.90E-10	1.0E+06	4.9E-04
293	0.12445	3.89E-03	4.8E-04	1.05E-03	5.05E-07	8.61E-04	4.35E-10	1.0E+06	4.4E-04
294	0.11131	3.89E-03	4.3E-04	1.05E-03	4.52E-07	8.61E-04	3.89E-10	1.0E+06	3.9E-04
295	0.10027	3.89E-03	3.9E-04	1.05E-03	4.07E-07	8.61E-04	3.51E-10	1.0E+06	3.5E-04
296	0.0909	3.89E-03	3.5E-04	1.05E-03	3.69E-07	8.61E-04	3.18E-10	1.0E+06	3.2E-04
297	0.16446	3.89E-03	6.4E-04	1.05E-03	6.68E-07	8.61E-04	5.75E-10	1.0E+06	5.8E-04
298	0.14431	3.89E-03	5.6E-04	1.05E-03	5.86E-07	8.61E-04	5.05E-10	1.0E+06	5.0E-04
299	0.12778	3.89E-03	5.0E-04	1.05E-03	5.19E-07	8.61E-04	4.47E-10	1.0E+06	4.5E-04
300	0.11407	3.89E-03	4.4E-04	1.05E-03	4.63E-07	8.61E-04	3.99E-10	1.0E+06	4.0E-04
301	0.10257	3.89E-03	4.0E-04	1.05E-03	4.17E-07	8.61E-04	3.59E-10	1.0E+06	3.6E-04
302	0.09283	3.89E-03	3.6E-04	1.05E-03	3.77E-07	8.61E-04	3.25E-10	1.0E+06	3.2E-04
303	0.08451	3.89E-03	3.3E-04	1.05E-03	3.43E-07	8.61E-04	2.96E-10	1.0E+06	3.0E-04
304	0.14877	3.89E-03	5.8E-04	1.05E-03	6.04E-07	8.61E-04	5.20E-10	1.0E+06	5.2E-04
305	0.13146	3.89E-03	5.1E-04	1.05E-03	5.34E-07	8.61E-04	4.60E-10	1.0E+06	4.6E-04
306	0.11712	3.89E-03	4.6E-04	1.05E-03	4.76E-07	8.61E-04	4.10E-10	1.0E+06	4.1E-04
307	0.10512	3.89E-03	4.1E-04	1.05E-03	4.27E-07	8.61E-04	3.68E-10	1.0E+06	3.7E-04
308	0.09498	3.89E-03	3.7E-04	1.05E-03	3.86E-07	8.61E-04	3.32E-10	1.0E+06	3.3E-04
309	0.08634	3.89E-03	3.4E-04	1.05E-03	3.51E-07	8.61E-04	3.02E-10	1.0E+06	3.0E-04
310	0.07891	3.89E-03	3.1E-04	1.05E-03	3.20E-07	8.61E-04	2.76E-10	1.0E+06	2.8E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			
				Constant	Dose	Risk	Constant 2	Risk/ Million	
311	0.13557	3.89E-03	5.3E-04	1.05E-03	5.51E-07	8.61E-04	4.74E-10	1.0E+06	4.7E-04
312	0.12053	3.89E-03	4.7E-04	1.05E-03	4.90E-07	8.61E-04	4.22E-10	1.0E+06	4.2E-04
313	0.10799	3.89E-03	4.2E-04	1.05E-03	4.39E-07	8.61E-04	3.78E-10	1.0E+06	3.8E-04
314	0.09741	3.89E-03	3.8E-04	1.05E-03	3.96E-07	8.61E-04	3.41E-10	1.0E+06	3.4E-04
315	0.0884	3.89E-03	3.4E-04	1.05E-03	3.59E-07	8.61E-04	3.09E-10	1.0E+06	3.1E-04
316	0.08067	3.89E-03	3.1E-04	1.05E-03	3.28E-07	8.61E-04	2.82E-10	1.0E+06	2.8E-04
317	0.07399	3.89E-03	2.9E-04	1.05E-03	3.01E-07	8.61E-04	2.59E-10	1.0E+06	2.6E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Paving Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	4.53E-05
2	5	4.76E-05
3	5	4.84E-05
4	5	6.56E-05
5	5	6.82E-05
6	5	7.07E-05
7	5	7.30E-05
8	5	7.54E-05
9	5	7.78E-05
10	5	8.06E-05
11	5	8.38E-05
12	5	8.78E-05
13	5	9.28E-05
14	5	9.88E-05
15	5	1.06E-04
16	5	1.13E-04
17	5	1.21E-04
18	5	1.29E-04
19	5	1.36E-04
20	5	1.42E-04
21	5	1.46E-04
22	5	1.49E-04
23	5	1.50E-04
24	5	1.49E-04
25	5	1.47E-04
26	5	4.90E-05
27	5	5.16E-05
28	5	5.27E-05
29	5	7.35E-05
30	5	7.68E-05
31	5	8.00E-05

Max	Receptor #
0.002	224

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	8.30E-05
33	5	8.60E-05
34	5	8.91E-05
35	5	9.25E-05
36	5	9.67E-05
37	5	1.02E-04
38	5	1.09E-04
39	5	1.17E-04
40	5	1.25E-04
41	5	1.35E-04
42	5	1.44E-04
43	5	1.53E-04
44	5	1.61E-04
45	5	1.67E-04
46	5	1.71E-04
47	5	1.72E-04
48	5	1.71E-04
49	5	1.68E-04
50	5	1.63E-04
51	5	5.32E-05
52	5	5.63E-05
53	5	5.76E-05
54	5	8.31E-05
55	5	8.73E-05
56	5	9.13E-05
57	5	9.52E-05
58	5	9.91E-05
59	5	1.03E-04
60	5	1.08E-04
61	5	1.13E-04
62	5	1.21E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	1.29E-04
64	5	1.40E-04
65	5	1.51E-04
66	5	1.64E-04
67	5	1.75E-04
68	5	1.85E-04
69	5	1.93E-04
70	5	1.98E-04
71	5	1.99E-04
72	5	1.98E-04
73	5	1.93E-04
74	5	1.87E-04
75	5	1.78E-04
76	5	5.81E-05
77	5	6.16E-05
78	5	6.34E-05
79	5	9.47E-05
80	5	1.00E-04
81	5	1.05E-04
82	5	1.11E-04
83	5	1.16E-04
84	5	1.21E-04
85	5	1.27E-04
86	5	1.35E-04
87	5	1.45E-04
88	5	1.57E-04
89	5	1.71E-04
90	5	1.86E-04
91	5	2.02E-04
92	5	2.15E-04
93	5	2.26E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	2.32E-04
95	5	2.34E-04
96	5	2.32E-04
97	5	2.26E-04
98	5	2.17E-04
99	5	2.05E-04
100	5	1.93E-04
101	5	6.35E-05
102	5	6.78E-05
103	5	7.02E-05
104	5	1.09E-04
105	5	1.16E-04
106	5	1.23E-04
107	5	1.30E-04
108	5	1.37E-04
109	5	1.44E-04
110	5	1.53E-04
111	5	1.64E-04
112	5	1.78E-04
113	5	1.95E-04
114	5	2.14E-04
115	5	2.34E-04
116	5	2.53E-04
117	5	2.67E-04
118	5	2.77E-04
119	5	2.79E-04
120	5	2.76E-04
121	5	2.68E-04
122	5	2.55E-04
123	5	2.39E-04
124	5	2.22E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	6.98E-05
126	5	7.48E-05
127	5	7.81E-05
128	5	1.37E-04
129	5	1.46E-04
130	5	1.56E-04
131	5	1.65E-04
132	5	1.76E-04
133	5	1.88E-04
134	5	2.04E-04
135	5	2.24E-04
136	5	2.48E-04
137	5	2.75E-04
138	5	3.01E-04
139	5	3.22E-04
140	5	3.35E-04
141	5	3.40E-04
142	5	3.35E-04
143	5	3.22E-04
144	5	3.04E-04
145	5	2.83E-04
146	5	2.59E-04
147	5	7.67E-05
148	5	8.28E-05
149	5	8.75E-05
150	5	1.63E-04
151	5	1.77E-04
152	5	1.90E-04
153	5	2.04E-04
154	5	2.19E-04
155	5	2.38E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	2.61E-04
157	5	2.91E-04
158	5	3.27E-04
159	5	3.64E-04
160	5	3.95E-04
161	5	4.15E-04
162	5	4.22E-04
163	5	4.14E-04
164	5	3.96E-04
165	5	3.69E-04
166	5	3.38E-04
167	5	3.06E-04
168	5	2.74E-04
169	5	8.45E-05
170	5	9.19E-05
171	5	9.86E-05
172	5	1.05E-04
173	5	1.97E-04
174	5	2.18E-04
175	5	2.38E-04
176	5	2.58E-04
177	5	2.81E-04
178	5	3.10E-04
179	5	3.47E-04
180	5	3.94E-04
181	5	4.48E-04
182	5	4.96E-04
183	5	4.12E-04
184	5	3.66E-04
185	5	1.02E-04
186	5	1.11E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	1.20E-04
188	5	2.44E-04
189	5	2.75E-04
190	5	3.06E-04
191	5	3.39E-04
192	5	3.77E-04
193	5	4.22E-04
194	5	4.83E-04
195	5	5.60E-04
196	5	6.38E-04
197	5	6.93E-04
198	5	1.24E-04
199	5	1.37E-04
200	5	1.39E-04
201	5	1.57E-04
202	5	1.74E-04
203	5	1.77E-04
204	5	2.04E-04
205	5	2.35E-04
206	5	2.35E-04
207	5	2.78E-04
208	5	3.33E-04
209	5	2.69E-04
210	5	3.27E-04
211	5	4.01E-04
212	5	3.81E-04
213	5	4.87E-04
214	5	6.30E-04
215	5	4.41E-04
216	5	5.78E-04
217	5	7.71E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	9.15E-04
219	5	1.33E-03
220	5	1.01E-03
221	5	1.41E-03
222	5	9.90E-04
223	5	1.30E-03
224	5	1.74E-03
225	5	1.08E-03
226	5	1.30E-03
227	5	1.04E-04
228	5	9.25E-05
229	5	8.31E-05
230	5	7.50E-05
231	5	9.49E-05
232	5	8.52E-05
233	5	7.69E-05
234	5	6.99E-05
235	5	8.69E-05
236	5	7.86E-05
237	5	7.14E-05
238	5	6.52E-05
239	5	6.82E-04
240	5	5.93E-04
241	5	5.19E-04
242	5	4.57E-04
243	5	5.92E-04
244	5	5.21E-04
245	5	4.61E-04
246	5	4.10E-04
247	5	5.18E-04
248	5	4.61E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	4.12E-04
250	5	3.69E-04
251	5	2.13E-04
252	5	1.97E-04
253	5	2.47E-04
254	5	2.29E-04
255	5	1.97E-04
256	5	1.83E-04
257	5	1.49E-04
258	5	2.25E-04
259	5	2.10E-04
260	5	1.95E-04
261	5	1.82E-04
262	5	1.70E-04
263	5	1.39E-04
264	5	1.93E-04
265	5	1.80E-04
266	5	1.69E-04
267	5	1.58E-04
268	5	1.31E-04
269	5	1.98E-04
270	5	1.69E-04
271	5	1.46E-04
272	5	1.28E-04
273	5	1.12E-04
274	5	9.99E-05
275	5	8.94E-05
276	5	1.78E-04
277	5	1.53E-04
278	5	1.33E-04
279	5	1.16E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	1.03E-04
281	5	9.19E-05
282	5	8.25E-05
283	5	1.59E-04
284	5	1.38E-04
285	5	1.20E-04
286	5	1.06E-04
287	5	9.43E-05
288	5	8.45E-05
289	5	7.63E-05
290	5	1.42E-04
291	5	1.24E-04
292	5	1.09E-04
293	5	9.67E-05
294	5	8.65E-05
295	5	7.79E-05
296	5	7.06E-05
297	5	1.28E-04
298	5	1.12E-04
299	5	9.93E-05
300	5	8.87E-05
301	5	7.97E-05
302	5	7.21E-05
303	5	6.57E-05
304	5	1.16E-04
305	5	1.02E-04
306	5	9.10E-05
307	5	8.17E-05
308	5	7.38E-05
309	5	6.71E-05
310	5	6.13E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	1.05E-04
312	5	9.37E-05
313	5	8.39E-05
314	5	7.57E-05
315	5	6.87E-05
316	5	6.27E-05
317	5	5.75E-05

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Parcel 8-H: Unmitigated - Parcel 8 - Architectural Coating Risk

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.05993	8.92E-04	5.3E-05	1.05E-03	5.59E-08	8.61E-04	4.81E-11	1.0E+06	4.8E-05
2	0.06304	8.92E-04	5.6E-05	1.05E-03	5.88E-08	8.61E-04	5.06E-11	1.0E+06	5.1E-05
3	0.06409	8.92E-04	5.7E-05	1.05E-03	5.98E-08	8.61E-04	5.15E-11	1.0E+06	5.1E-05
4	0.08855	8.92E-04	7.9E-05	1.05E-03	8.26E-08	8.61E-04	7.11E-11	1.0E+06	7.1E-05
5	0.09236	8.92E-04	8.2E-05	1.05E-03	8.61E-08	8.61E-04	7.42E-11	1.0E+06	7.4E-05
6	0.09598	8.92E-04	8.6E-05	1.05E-03	8.95E-08	8.61E-04	7.71E-11	1.0E+06	7.7E-05
7	0.09944	8.92E-04	8.9E-05	1.05E-03	9.27E-08	8.61E-04	7.98E-11	1.0E+06	8.0E-05
8	0.10281	8.92E-04	9.2E-05	1.05E-03	9.59E-08	8.61E-04	8.25E-11	1.0E+06	8.3E-05
9	0.10626	8.92E-04	9.5E-05	1.05E-03	9.91E-08	8.61E-04	8.53E-11	1.0E+06	8.5E-05
10	0.11005	8.92E-04	9.8E-05	1.05E-03	1.03E-07	8.61E-04	8.84E-11	1.0E+06	8.8E-05
11	0.1145	8.92E-04	1.0E-04	1.05E-03	1.07E-07	8.61E-04	9.19E-11	1.0E+06	9.2E-05
12	0.12002	8.92E-04	1.1E-04	1.05E-03	1.12E-07	8.61E-04	9.64E-11	1.0E+06	9.6E-05
13	0.12716	8.92E-04	1.1E-04	1.05E-03	1.19E-07	8.61E-04	1.02E-10	1.0E+06	1.0E-04
14	0.13565	8.92E-04	1.2E-04	1.05E-03	1.26E-07	8.61E-04	1.09E-10	1.0E+06	1.1E-04
15	0.14546	8.92E-04	1.3E-04	1.05E-03	1.36E-07	8.61E-04	1.17E-10	1.0E+06	1.2E-04
16	0.15647	8.92E-04	1.4E-04	1.05E-03	1.46E-07	8.61E-04	1.26E-10	1.0E+06	1.3E-04
17	0.16792	8.92E-04	1.5E-04	1.05E-03	1.57E-07	8.61E-04	1.35E-10	1.0E+06	1.3E-04
18	0.17894	8.92E-04	1.6E-04	1.05E-03	1.67E-07	8.61E-04	1.44E-10	1.0E+06	1.4E-04
19	0.18899	8.92E-04	1.7E-04	1.05E-03	1.76E-07	8.61E-04	1.52E-10	1.0E+06	1.5E-04
20	0.19734	8.92E-04	1.8E-04	1.05E-03	1.84E-07	8.61E-04	1.58E-10	1.0E+06	1.6E-04
21	0.20343	8.92E-04	1.8E-04	1.05E-03	1.90E-07	8.61E-04	1.63E-10	1.0E+06	1.6E-04
22	0.20692	8.92E-04	1.8E-04	1.05E-03	1.93E-07	8.61E-04	1.66E-10	1.0E+06	1.7E-04
23	0.20769	8.92E-04	1.9E-04	1.05E-03	1.94E-07	8.61E-04	1.67E-10	1.0E+06	1.7E-04
24	0.20584	8.92E-04	1.8E-04	1.05E-03	1.92E-07	8.61E-04	1.65E-10	1.0E+06	1.7E-04
25	0.20163	8.92E-04	1.8E-04	1.05E-03	1.88E-07	8.61E-04	1.62E-10	1.0E+06	1.6E-04
26	0.06494	8.92E-04	5.8E-05	1.05E-03	6.05E-08	8.61E-04	5.21E-11	1.0E+06	5.2E-05
27	0.06848	8.92E-04	6.1E-05	1.05E-03	6.39E-08	8.61E-04	5.50E-11	1.0E+06	5.5E-05
28	0.06976	8.92E-04	6.2E-05	1.05E-03	6.50E-08	8.61E-04	5.60E-11	1.0E+06	5.6E-05
29	0.09951	8.92E-04	8.9E-05	1.05E-03	9.28E-08	8.61E-04	7.99E-11	1.0E+06	8.0E-05
30	0.10437	8.92E-04	9.3E-05	1.05E-03	9.73E-08	8.61E-04	8.38E-11	1.0E+06	8.4E-05
31	0.10902	8.92E-04	9.7E-05	1.05E-03	1.02E-07	8.61E-04	8.75E-11	1.0E+06	8.8E-05

<b>Max</b>	<b>Receptor #</b>
0.00141	224

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.11346	8.92E-04	1.0E-04	1.05E-03	1.06E-07	8.61E-04	9.11E-11	1.0E+06	9.1E-05
33	0.11775	8.92E-04	1.1E-04	1.05E-03	1.10E-07	8.61E-04	9.45E-11	1.0E+06	9.5E-05
34	0.12215	8.92E-04	1.1E-04	1.05E-03	1.14E-07	8.61E-04	9.81E-11	1.0E+06	9.8E-05
35	0.12701	8.92E-04	1.1E-04	1.05E-03	1.18E-07	8.61E-04	1.02E-10	1.0E+06	1.0E-04
36	0.13278	8.92E-04	1.2E-04	1.05E-03	1.24E-07	8.61E-04	1.07E-10	1.0E+06	1.1E-04
37	0.14036	8.92E-04	1.3E-04	1.05E-03	1.31E-07	8.61E-04	1.13E-10	1.0E+06	1.1E-04
38	0.1499	8.92E-04	1.3E-04	1.05E-03	1.40E-07	8.61E-04	1.20E-10	1.0E+06	1.2E-04
39	0.16105	8.92E-04	1.4E-04	1.05E-03	1.50E-07	8.61E-04	1.29E-10	1.0E+06	1.3E-04
40	0.17398	8.92E-04	1.6E-04	1.05E-03	1.62E-07	8.61E-04	1.40E-10	1.0E+06	1.4E-04
41	0.18819	8.92E-04	1.7E-04	1.05E-03	1.75E-07	8.61E-04	1.51E-10	1.0E+06	1.5E-04
42	0.20222	8.92E-04	1.8E-04	1.05E-03	1.89E-07	8.61E-04	1.62E-10	1.0E+06	1.6E-04
43	0.21517	8.92E-04	1.9E-04	1.05E-03	2.01E-07	8.61E-04	1.73E-10	1.0E+06	1.7E-04
44	0.22606	8.92E-04	2.0E-04	1.05E-03	2.11E-07	8.61E-04	1.81E-10	1.0E+06	1.8E-04
45	0.23405	8.92E-04	2.1E-04	1.05E-03	2.18E-07	8.61E-04	1.88E-10	1.0E+06	1.9E-04
46	0.23858	8.92E-04	2.1E-04	1.05E-03	2.22E-07	8.61E-04	1.92E-10	1.0E+06	1.9E-04
47	0.23947	8.92E-04	2.1E-04	1.05E-03	2.23E-07	8.61E-04	1.92E-10	1.0E+06	1.9E-04
48	0.23688	8.92E-04	2.1E-04	1.05E-03	2.21E-07	8.61E-04	1.90E-10	1.0E+06	1.9E-04
49	0.23121	8.92E-04	2.1E-04	1.05E-03	2.16E-07	8.61E-04	1.86E-10	1.0E+06	1.9E-04
50	0.22304	8.92E-04	2.0E-04	1.05E-03	2.08E-07	8.61E-04	1.79E-10	1.0E+06	1.8E-04
51	0.07064	8.92E-04	6.3E-05	1.05E-03	6.59E-08	8.61E-04	5.67E-11	1.0E+06	5.7E-05
52	0.07475	8.92E-04	6.7E-05	1.05E-03	6.97E-08	8.61E-04	6.00E-11	1.0E+06	6.0E-05
53	0.07638	8.92E-04	6.8E-05	1.05E-03	7.12E-08	8.61E-04	6.13E-11	1.0E+06	6.1E-05
54	0.11272	8.92E-04	1.0E-04	1.05E-03	1.05E-07	8.61E-04	9.05E-11	1.0E+06	9.0E-05
55	0.11899	8.92E-04	1.1E-04	1.05E-03	1.11E-07	8.61E-04	9.55E-11	1.0E+06	9.6E-05
56	0.12503	8.92E-04	1.1E-04	1.05E-03	1.17E-07	8.61E-04	1.00E-10	1.0E+06	1.0E-04
57	0.13082	8.92E-04	1.2E-04	1.05E-03	1.22E-07	8.61E-04	1.05E-10	1.0E+06	1.1E-04
58	0.13643	8.92E-04	1.2E-04	1.05E-03	1.27E-07	8.61E-04	1.10E-10	1.0E+06	1.1E-04
59	0.1422	8.92E-04	1.3E-04	1.05E-03	1.33E-07	8.61E-04	1.14E-10	1.0E+06	1.1E-04
60	0.14859	8.92E-04	1.3E-04	1.05E-03	1.39E-07	8.61E-04	1.19E-10	1.0E+06	1.2E-04
61	0.1563	8.92E-04	1.4E-04	1.05E-03	1.46E-07	8.61E-04	1.25E-10	1.0E+06	1.3E-04
62	0.16674	8.92E-04	1.5E-04	1.05E-03	1.55E-07	8.61E-04	1.34E-10	1.0E+06	1.3E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.17956	8.92E-04	1.6E-04	1.05E-03	1.67E-07	8.61E-04	1.44E-10	1.0E+06	1.4E-04
64	0.19474	8.92E-04	1.7E-04	1.05E-03	1.82E-07	8.61E-04	1.56E-10	1.0E+06	1.6E-04
65	0.21197	8.92E-04	1.9E-04	1.05E-03	1.98E-07	8.61E-04	1.70E-10	1.0E+06	1.7E-04
66	0.23018	8.92E-04	2.1E-04	1.05E-03	2.15E-07	8.61E-04	1.85E-10	1.0E+06	1.8E-04
67	0.24716	8.92E-04	2.2E-04	1.05E-03	2.30E-07	8.61E-04	1.98E-10	1.0E+06	2.0E-04
68	0.26168	8.92E-04	2.3E-04	1.05E-03	2.44E-07	8.61E-04	2.10E-10	1.0E+06	2.1E-04
69	0.2724	8.92E-04	2.4E-04	1.05E-03	2.54E-07	8.61E-04	2.19E-10	1.0E+06	2.2E-04
70	0.27844	8.92E-04	2.5E-04	1.05E-03	2.60E-07	8.61E-04	2.24E-10	1.0E+06	2.2E-04
71	0.27952	8.92E-04	2.5E-04	1.05E-03	2.61E-07	8.61E-04	2.24E-10	1.0E+06	2.2E-04
72	0.27586	8.92E-04	2.5E-04	1.05E-03	2.57E-07	8.61E-04	2.21E-10	1.0E+06	2.2E-04
73	0.2681	8.92E-04	2.4E-04	1.05E-03	2.50E-07	8.61E-04	2.15E-10	1.0E+06	2.2E-04
74	0.2571	8.92E-04	2.3E-04	1.05E-03	2.40E-07	8.61E-04	2.06E-10	1.0E+06	2.1E-04
75	0.24379	8.92E-04	2.2E-04	1.05E-03	2.27E-07	8.61E-04	1.96E-10	1.0E+06	2.0E-04
76	0.07712	8.92E-04	6.9E-05	1.05E-03	7.19E-08	8.61E-04	6.19E-11	1.0E+06	6.2E-05
77	0.08195	8.92E-04	7.3E-05	1.05E-03	7.64E-08	8.61E-04	6.58E-11	1.0E+06	6.6E-05
78	0.08418	8.92E-04	7.5E-05	1.05E-03	7.85E-08	8.61E-04	6.76E-11	1.0E+06	6.8E-05
79	0.12878	8.92E-04	1.1E-04	1.05E-03	1.20E-07	8.61E-04	1.03E-10	1.0E+06	1.0E-04
80	0.13702	8.92E-04	1.2E-04	1.05E-03	1.28E-07	8.61E-04	1.10E-10	1.0E+06	1.1E-04
81	0.14501	8.92E-04	1.3E-04	1.05E-03	1.35E-07	8.61E-04	1.16E-10	1.0E+06	1.2E-04
82	0.1527	8.92E-04	1.4E-04	1.05E-03	1.42E-07	8.61E-04	1.23E-10	1.0E+06	1.2E-04
83	0.16021	8.92E-04	1.4E-04	1.05E-03	1.49E-07	8.61E-04	1.29E-10	1.0E+06	1.3E-04
84	0.16794	8.92E-04	1.5E-04	1.05E-03	1.57E-07	8.61E-04	1.35E-10	1.0E+06	1.3E-04
85	0.17658	8.92E-04	1.6E-04	1.05E-03	1.65E-07	8.61E-04	1.42E-10	1.0E+06	1.4E-04
86	0.18789	8.92E-04	1.7E-04	1.05E-03	1.75E-07	8.61E-04	1.51E-10	1.0E+06	1.5E-04
87	0.2021	8.92E-04	1.8E-04	1.05E-03	1.88E-07	8.61E-04	1.62E-10	1.0E+06	1.6E-04
88	0.21961	8.92E-04	2.0E-04	1.05E-03	2.05E-07	8.61E-04	1.76E-10	1.0E+06	1.8E-04
89	0.24063	8.92E-04	2.1E-04	1.05E-03	2.24E-07	8.61E-04	1.93E-10	1.0E+06	1.9E-04
90	0.26379	8.92E-04	2.4E-04	1.05E-03	2.46E-07	8.61E-04	2.12E-10	1.0E+06	2.1E-04
91	0.28667	8.92E-04	2.6E-04	1.05E-03	2.67E-07	8.61E-04	2.30E-10	1.0E+06	2.3E-04
92	0.30646	8.92E-04	2.7E-04	1.05E-03	2.86E-07	8.61E-04	2.46E-10	1.0E+06	2.5E-04
93	0.32125	8.92E-04	2.9E-04	1.05E-03	3.00E-07	8.61E-04	2.58E-10	1.0E+06	2.6E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
94	0.32958	8.92E-04	2.9E-04	1.05E-03	3.07E-07	8.61E-04	2.65E-10	1.0E+06	2.6E-04
95	0.33095	8.92E-04	3.0E-04	1.05E-03	3.09E-07	8.61E-04	2.66E-10	1.0E+06	2.7E-04
96	0.32571	8.92E-04	2.9E-04	1.05E-03	3.04E-07	8.61E-04	2.61E-10	1.0E+06	2.6E-04
97	0.31488	8.92E-04	2.8E-04	1.05E-03	2.94E-07	8.61E-04	2.53E-10	1.0E+06	2.5E-04
98	0.29981	8.92E-04	2.7E-04	1.05E-03	2.80E-07	8.61E-04	2.41E-10	1.0E+06	2.4E-04
99	0.28189	8.92E-04	2.5E-04	1.05E-03	2.63E-07	8.61E-04	2.26E-10	1.0E+06	2.3E-04
100	0.26241	8.92E-04	2.3E-04	1.05E-03	2.45E-07	8.61E-04	2.11E-10	1.0E+06	2.1E-04
101	0.08445	8.92E-04	7.5E-05	1.05E-03	7.87E-08	8.61E-04	6.78E-11	1.0E+06	6.8E-05
102	0.09022	8.92E-04	8.0E-05	1.05E-03	8.41E-08	8.61E-04	7.24E-11	1.0E+06	7.2E-05
103	0.09334	8.92E-04	8.3E-05	1.05E-03	8.70E-08	8.61E-04	7.49E-11	1.0E+06	7.5E-05
104	0.14855	8.92E-04	1.3E-04	1.05E-03	1.39E-07	8.61E-04	1.19E-10	1.0E+06	1.2E-04
105	0.15958	8.92E-04	1.4E-04	1.05E-03	1.49E-07	8.61E-04	1.28E-10	1.0E+06	1.3E-04
106	0.17041	8.92E-04	1.5E-04	1.05E-03	1.59E-07	8.61E-04	1.37E-10	1.0E+06	1.4E-04
107	0.18092	8.92E-04	1.6E-04	1.05E-03	1.69E-07	8.61E-04	1.45E-10	1.0E+06	1.5E-04
108	0.19122	8.92E-04	1.7E-04	1.05E-03	1.78E-07	8.61E-04	1.54E-10	1.0E+06	1.5E-04
109	0.20178	8.92E-04	1.8E-04	1.05E-03	1.88E-07	8.61E-04	1.62E-10	1.0E+06	1.6E-04
110	0.21396	8.92E-04	1.9E-04	1.05E-03	1.99E-07	8.61E-04	1.72E-10	1.0E+06	1.7E-04
111	0.23033	8.92E-04	2.1E-04	1.05E-03	2.15E-07	8.61E-04	1.85E-10	1.0E+06	1.8E-04
112	0.25014	8.92E-04	2.2E-04	1.05E-03	2.33E-07	8.61E-04	2.01E-10	1.0E+06	2.0E-04
113	0.27542	8.92E-04	2.5E-04	1.05E-03	2.57E-07	8.61E-04	2.21E-10	1.0E+06	2.2E-04
114	0.30497	8.92E-04	2.7E-04	1.05E-03	2.84E-07	8.61E-04	2.45E-10	1.0E+06	2.4E-04
115	0.33578	8.92E-04	3.0E-04	1.05E-03	3.13E-07	8.61E-04	2.70E-10	1.0E+06	2.7E-04
116	0.36361	8.92E-04	3.2E-04	1.05E-03	3.39E-07	8.61E-04	2.92E-10	1.0E+06	2.9E-04
117	0.38469	8.92E-04	3.4E-04	1.05E-03	3.59E-07	8.61E-04	3.09E-10	1.0E+06	3.1E-04
118	0.39663	8.92E-04	3.5E-04	1.05E-03	3.70E-07	8.61E-04	3.18E-10	1.0E+06	3.2E-04
119	0.39848	8.92E-04	3.6E-04	1.05E-03	3.72E-07	8.61E-04	3.20E-10	1.0E+06	3.2E-04
120	0.39085	8.92E-04	3.5E-04	1.05E-03	3.64E-07	8.61E-04	3.14E-10	1.0E+06	3.1E-04
121	0.37539	8.92E-04	3.3E-04	1.05E-03	3.50E-07	8.61E-04	3.01E-10	1.0E+06	3.0E-04
122	0.35428	8.92E-04	3.2E-04	1.05E-03	3.30E-07	8.61E-04	2.84E-10	1.0E+06	2.8E-04
123	0.32969	8.92E-04	2.9E-04	1.05E-03	3.07E-07	8.61E-04	2.65E-10	1.0E+06	2.6E-04
124	0.30351	8.92E-04	2.7E-04	1.05E-03	2.83E-07	8.61E-04	2.44E-10	1.0E+06	2.4E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
125	0.09265	8.92E-04	8.3E-05	1.05E-03	8.64E-08	8.61E-04	7.44E-11	1.0E+06	7.4E-05
126	0.09959	8.92E-04	8.9E-05	1.05E-03	9.29E-08	8.61E-04	8.00E-11	1.0E+06	8.0E-05
127	0.10391	8.92E-04	9.3E-05	1.05E-03	9.69E-08	8.61E-04	8.34E-11	1.0E+06	8.3E-05
128	0.18829	8.92E-04	1.7E-04	1.05E-03	1.76E-07	8.61E-04	1.51E-10	1.0E+06	1.5E-04
129	0.20336	8.92E-04	1.8E-04	1.05E-03	1.90E-07	8.61E-04	1.63E-10	1.0E+06	1.6E-04
130	0.21816	8.92E-04	1.9E-04	1.05E-03	2.03E-07	8.61E-04	1.75E-10	1.0E+06	1.8E-04
131	0.23263	8.92E-04	2.1E-04	1.05E-03	2.17E-07	8.61E-04	1.87E-10	1.0E+06	1.9E-04
132	0.24752	8.92E-04	2.2E-04	1.05E-03	2.31E-07	8.61E-04	1.99E-10	1.0E+06	2.0E-04
133	0.26568	8.92E-04	2.4E-04	1.05E-03	2.48E-07	8.61E-04	2.13E-10	1.0E+06	2.1E-04
134	0.2888	8.92E-04	2.6E-04	1.05E-03	2.69E-07	8.61E-04	2.32E-10	1.0E+06	2.3E-04
135	0.31851	8.92E-04	2.8E-04	1.05E-03	2.97E-07	8.61E-04	2.56E-10	1.0E+06	2.6E-04
136	0.35599	8.92E-04	3.2E-04	1.05E-03	3.32E-07	8.61E-04	2.86E-10	1.0E+06	2.9E-04
137	0.39781	8.92E-04	3.5E-04	1.05E-03	3.71E-07	8.61E-04	3.19E-10	1.0E+06	3.2E-04
138	0.43779	8.92E-04	3.9E-04	1.05E-03	4.08E-07	8.61E-04	3.51E-10	1.0E+06	3.5E-04
139	0.46891	8.92E-04	4.2E-04	1.05E-03	4.37E-07	8.61E-04	3.76E-10	1.0E+06	3.8E-04
140	0.48679	8.92E-04	4.3E-04	1.05E-03	4.54E-07	8.61E-04	3.91E-10	1.0E+06	3.9E-04
141	0.48952	8.92E-04	4.4E-04	1.05E-03	4.56E-07	8.61E-04	3.93E-10	1.0E+06	3.9E-04
142	0.47811	8.92E-04	4.3E-04	1.05E-03	4.46E-07	8.61E-04	3.84E-10	1.0E+06	3.8E-04
143	0.45543	8.92E-04	4.1E-04	1.05E-03	4.25E-07	8.61E-04	3.66E-10	1.0E+06	3.7E-04
144	0.42511	8.92E-04	3.8E-04	1.05E-03	3.96E-07	8.61E-04	3.41E-10	1.0E+06	3.4E-04
145	0.39061	8.92E-04	3.5E-04	1.05E-03	3.64E-07	8.61E-04	3.14E-10	1.0E+06	3.1E-04
146	0.35479	8.92E-04	3.2E-04	1.05E-03	3.31E-07	8.61E-04	2.85E-10	1.0E+06	2.8E-04
147	0.10176	8.92E-04	9.1E-05	1.05E-03	9.49E-08	8.61E-04	8.17E-11	1.0E+06	8.2E-05
148	0.11021	8.92E-04	9.8E-05	1.05E-03	1.03E-07	8.61E-04	8.85E-11	1.0E+06	8.8E-05
149	0.11641	8.92E-04	1.0E-04	1.05E-03	1.09E-07	8.61E-04	9.35E-11	1.0E+06	9.3E-05
150	0.22546	8.92E-04	2.0E-04	1.05E-03	2.10E-07	8.61E-04	1.81E-10	1.0E+06	1.8E-04
151	0.247	8.92E-04	2.2E-04	1.05E-03	2.30E-07	8.61E-04	1.98E-10	1.0E+06	2.0E-04
152	0.26848	8.92E-04	2.4E-04	1.05E-03	2.50E-07	8.61E-04	2.16E-10	1.0E+06	2.2E-04
153	0.28964	8.92E-04	2.6E-04	1.05E-03	2.70E-07	8.61E-04	2.33E-10	1.0E+06	2.3E-04
154	0.31144	8.92E-04	2.8E-04	1.05E-03	2.90E-07	8.61E-04	2.50E-10	1.0E+06	2.5E-04
155	0.33965	8.92E-04	3.0E-04	1.05E-03	3.17E-07	8.61E-04	2.73E-10	1.0E+06	2.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
156	0.37381	8.92E-04	3.3E-04	1.05E-03	3.49E-07	8.61E-04	3.00E-10	1.0E+06	3.0E-04
157	0.42021	8.92E-04	3.7E-04	1.05E-03	3.92E-07	8.61E-04	3.37E-10	1.0E+06	3.4E-04
158	0.4771	8.92E-04	4.3E-04	1.05E-03	4.45E-07	8.61E-04	3.83E-10	1.0E+06	3.8E-04
159	0.53561	8.92E-04	4.8E-04	1.05E-03	4.99E-07	8.61E-04	4.30E-10	1.0E+06	4.3E-04
160	0.58358	8.92E-04	5.2E-04	1.05E-03	5.44E-07	8.61E-04	4.69E-10	1.0E+06	4.7E-04
161	0.61175	8.92E-04	5.5E-04	1.05E-03	5.70E-07	8.61E-04	4.91E-10	1.0E+06	4.9E-04
162	0.61625	8.92E-04	5.5E-04	1.05E-03	5.75E-07	8.61E-04	4.95E-10	1.0E+06	4.9E-04
163	0.59864	8.92E-04	5.3E-04	1.05E-03	5.58E-07	8.61E-04	4.81E-10	1.0E+06	4.8E-04
164	0.56419	8.92E-04	5.0E-04	1.05E-03	5.26E-07	8.61E-04	4.53E-10	1.0E+06	4.5E-04
165	0.51927	8.92E-04	4.6E-04	1.05E-03	4.84E-07	8.61E-04	4.17E-10	1.0E+06	4.2E-04
166	0.46962	8.92E-04	4.2E-04	1.05E-03	4.38E-07	8.61E-04	3.77E-10	1.0E+06	3.8E-04
167	0.41958	8.92E-04	3.7E-04	1.05E-03	3.91E-07	8.61E-04	3.37E-10	1.0E+06	3.4E-04
168	0.37196	8.92E-04	3.3E-04	1.05E-03	3.47E-07	8.61E-04	2.99E-10	1.0E+06	3.0E-04
169	0.11176	8.92E-04	1.0E-04	1.05E-03	1.04E-07	8.61E-04	8.97E-11	1.0E+06	9.0E-05
170	0.12205	8.92E-04	1.1E-04	1.05E-03	1.14E-07	8.61E-04	9.80E-11	1.0E+06	9.8E-05
171	0.13102	8.92E-04	1.2E-04	1.05E-03	1.22E-07	8.61E-04	1.05E-10	1.0E+06	1.1E-04
172	0.14025	8.92E-04	1.3E-04	1.05E-03	1.31E-07	8.61E-04	1.13E-10	1.0E+06	1.1E-04
173	0.27448	8.92E-04	2.4E-04	1.05E-03	2.56E-07	8.61E-04	2.20E-10	1.0E+06	2.2E-04
174	0.30637	8.92E-04	2.7E-04	1.05E-03	2.86E-07	8.61E-04	2.46E-10	1.0E+06	2.5E-04
175	0.33894	8.92E-04	3.0E-04	1.05E-03	3.16E-07	8.61E-04	2.72E-10	1.0E+06	2.7E-04
176	0.37119	8.92E-04	3.3E-04	1.05E-03	3.46E-07	8.61E-04	2.98E-10	1.0E+06	3.0E-04
177	0.40567	8.92E-04	3.6E-04	1.05E-03	3.78E-07	8.61E-04	3.26E-10	1.0E+06	3.3E-04
178	0.44857	8.92E-04	4.0E-04	1.05E-03	4.18E-07	8.61E-04	3.60E-10	1.0E+06	3.6E-04
179	0.50414	8.92E-04	4.5E-04	1.05E-03	4.70E-07	8.61E-04	4.05E-10	1.0E+06	4.0E-04
180	0.58008	8.92E-04	5.2E-04	1.05E-03	5.41E-07	8.61E-04	4.66E-10	1.0E+06	4.7E-04
181	0.66699	8.92E-04	5.9E-04	1.05E-03	6.22E-07	8.61E-04	5.35E-10	1.0E+06	5.4E-04
182	0.74419	8.92E-04	6.6E-04	1.05E-03	6.94E-07	8.61E-04	5.97E-10	1.0E+06	6.0E-04
183	0.57412	8.92E-04	5.1E-04	1.05E-03	5.35E-07	8.61E-04	4.61E-10	1.0E+06	4.6E-04
184	0.50252	8.92E-04	4.5E-04	1.05E-03	4.69E-07	8.61E-04	4.03E-10	1.0E+06	4.0E-04
185	0.13509	8.92E-04	1.2E-04	1.05E-03	1.26E-07	8.61E-04	1.08E-10	1.0E+06	1.1E-04
186	0.14741	8.92E-04	1.3E-04	1.05E-03	1.37E-07	8.61E-04	1.18E-10	1.0E+06	1.2E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
187	0.15908	8.92E-04	1.4E-04	1.05E-03	1.48E-07	8.61E-04	1.28E-10	1.0E+06	1.3E-04
188	0.3404	8.92E-04	3.0E-04	1.05E-03	3.17E-07	8.61E-04	2.73E-10	1.0E+06	2.7E-04
189	0.38929	8.92E-04	3.5E-04	1.05E-03	3.63E-07	8.61E-04	3.13E-10	1.0E+06	3.1E-04
190	0.44113	8.92E-04	3.9E-04	1.05E-03	4.11E-07	8.61E-04	3.54E-10	1.0E+06	3.5E-04
191	0.49368	8.92E-04	4.4E-04	1.05E-03	4.60E-07	8.61E-04	3.96E-10	1.0E+06	4.0E-04
192	0.55251	8.92E-04	4.9E-04	1.05E-03	5.15E-07	8.61E-04	4.44E-10	1.0E+06	4.4E-04
193	0.62081	8.92E-04	5.5E-04	1.05E-03	5.79E-07	8.61E-04	4.98E-10	1.0E+06	5.0E-04
194	0.71814	8.92E-04	6.4E-04	1.05E-03	6.70E-07	8.61E-04	5.77E-10	1.0E+06	5.8E-04
195	0.84702	8.92E-04	7.6E-04	1.05E-03	7.90E-07	8.61E-04	6.80E-10	1.0E+06	6.8E-04
196	0.97632	8.92E-04	8.7E-04	1.05E-03	9.10E-07	8.61E-04	7.84E-10	1.0E+06	7.8E-04
197	1.06205	8.92E-04	9.5E-04	1.05E-03	9.90E-07	8.61E-04	8.53E-10	1.0E+06	8.5E-04
198	0.16402	8.92E-04	1.5E-04	1.05E-03	1.53E-07	8.61E-04	1.32E-10	1.0E+06	1.3E-04
199	0.18161	8.92E-04	1.6E-04	1.05E-03	1.69E-07	8.61E-04	1.46E-10	1.0E+06	1.5E-04
200	0.18282	8.92E-04	1.6E-04	1.05E-03	1.70E-07	8.61E-04	1.47E-10	1.0E+06	1.5E-04
201	0.20647	8.92E-04	1.8E-04	1.05E-03	1.93E-07	8.61E-04	1.66E-10	1.0E+06	1.7E-04
202	0.23072	8.92E-04	2.1E-04	1.05E-03	2.15E-07	8.61E-04	1.85E-10	1.0E+06	1.9E-04
203	0.23206	8.92E-04	2.1E-04	1.05E-03	2.16E-07	8.61E-04	1.86E-10	1.0E+06	1.9E-04
204	0.26839	8.92E-04	2.4E-04	1.05E-03	2.50E-07	8.61E-04	2.15E-10	1.0E+06	2.2E-04
205	0.31021	8.92E-04	2.8E-04	1.05E-03	2.89E-07	8.61E-04	2.49E-10	1.0E+06	2.5E-04
206	0.30631	8.92E-04	2.7E-04	1.05E-03	2.86E-07	8.61E-04	2.46E-10	1.0E+06	2.5E-04
207	0.36311	8.92E-04	3.2E-04	1.05E-03	3.39E-07	8.61E-04	2.92E-10	1.0E+06	2.9E-04
208	0.43796	8.92E-04	3.9E-04	1.05E-03	4.08E-07	8.61E-04	3.52E-10	1.0E+06	3.5E-04
209	0.34668	8.92E-04	3.1E-04	1.05E-03	3.23E-07	8.61E-04	2.78E-10	1.0E+06	2.8E-04
210	0.42354	8.92E-04	3.8E-04	1.05E-03	3.95E-07	8.61E-04	3.40E-10	1.0E+06	3.4E-04
211	0.52083	8.92E-04	4.6E-04	1.05E-03	4.86E-07	8.61E-04	4.18E-10	1.0E+06	4.2E-04
212	0.48845	8.92E-04	4.4E-04	1.05E-03	4.55E-07	8.61E-04	3.92E-10	1.0E+06	3.9E-04
213	0.62388	8.92E-04	5.6E-04	1.05E-03	5.82E-07	8.61E-04	5.01E-10	1.0E+06	5.0E-04
214	0.80722	8.92E-04	7.2E-04	1.05E-03	7.53E-07	8.61E-04	6.48E-10	1.0E+06	6.5E-04
215	0.56121	8.92E-04	5.0E-04	1.05E-03	5.23E-07	8.61E-04	4.51E-10	1.0E+06	4.5E-04
216	0.72972	8.92E-04	6.5E-04	1.05E-03	6.80E-07	8.61E-04	5.86E-10	1.0E+06	5.9E-04
217	0.96605	8.92E-04	8.6E-04	1.05E-03	9.01E-07	8.61E-04	7.76E-10	1.0E+06	7.8E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
218	1.10624	8.92E-04	9.9E-04	1.05E-03	1.03E-06	8.61E-04	8.88E-10	1.0E+06	8.9E-04
219	1.55808	8.92E-04	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.3E-03
220	1.16418	8.92E-04	1.0E-03	1.05E-03	1.09E-06	8.61E-04	9.35E-10	1.0E+06	9.3E-04
221	1.55869	8.92E-04	1.4E-03	1.05E-03	1.45E-06	8.61E-04	1.25E-09	1.0E+06	1.3E-03
222	1.10384	8.92E-04	9.8E-04	1.05E-03	1.03E-06	8.61E-04	8.86E-10	1.0E+06	8.9E-04
223	1.38878	8.92E-04	1.2E-03	1.05E-03	1.29E-06	8.61E-04	1.11E-09	1.0E+06	1.1E-03
224	1.75437	8.92E-04	1.6E-03	1.05E-03	1.64E-06	8.61E-04	1.41E-09	1.0E+06	1.4E-03
225	1.14409	8.92E-04	1.0E-03	1.05E-03	1.07E-06	8.61E-04	9.19E-10	1.0E+06	9.2E-04
226	1.32806	8.92E-04	1.2E-03	1.05E-03	1.24E-06	8.61E-04	1.07E-09	1.0E+06	1.1E-03
227	0.13149	8.92E-04	1.2E-04	1.05E-03	1.23E-07	8.61E-04	1.06E-10	1.0E+06	1.1E-04
228	0.11752	8.92E-04	1.0E-04	1.05E-03	1.10E-07	8.61E-04	9.43E-11	1.0E+06	9.4E-05
229	0.1057	8.92E-04	9.4E-05	1.05E-03	9.86E-08	8.61E-04	8.49E-11	1.0E+06	8.5E-05
230	0.09562	8.92E-04	8.5E-05	1.05E-03	8.92E-08	8.61E-04	7.68E-11	1.0E+06	7.7E-05
231	0.12015	8.92E-04	1.1E-04	1.05E-03	1.12E-07	8.61E-04	9.65E-11	1.0E+06	9.6E-05
232	0.10815	8.92E-04	9.6E-05	1.05E-03	1.01E-07	8.61E-04	8.68E-11	1.0E+06	8.7E-05
233	0.09788	8.92E-04	8.7E-05	1.05E-03	9.13E-08	8.61E-04	7.86E-11	1.0E+06	7.9E-05
234	0.08904	8.92E-04	7.9E-05	1.05E-03	8.30E-08	8.61E-04	7.15E-11	1.0E+06	7.1E-05
235	0.11	8.92E-04	9.8E-05	1.05E-03	1.03E-07	8.61E-04	8.83E-11	1.0E+06	8.8E-05
236	0.09969	8.92E-04	8.9E-05	1.05E-03	9.30E-08	8.61E-04	8.00E-11	1.0E+06	8.0E-05
237	0.09077	8.92E-04	8.1E-05	1.05E-03	8.46E-08	8.61E-04	7.29E-11	1.0E+06	7.3E-05
238	0.083	8.92E-04	7.4E-05	1.05E-03	7.74E-08	8.61E-04	6.66E-11	1.0E+06	6.7E-05
239	0.80302	8.92E-04	7.2E-04	1.05E-03	7.49E-07	8.61E-04	6.45E-10	1.0E+06	6.4E-04
240	0.70605	8.92E-04	6.3E-04	1.05E-03	6.58E-07	8.61E-04	5.67E-10	1.0E+06	5.7E-04
241	0.62388	8.92E-04	5.6E-04	1.05E-03	5.82E-07	8.61E-04	5.01E-10	1.0E+06	5.0E-04
242	0.55406	8.92E-04	4.9E-04	1.05E-03	5.17E-07	8.61E-04	4.45E-10	1.0E+06	4.4E-04
243	0.6993	8.92E-04	6.2E-04	1.05E-03	6.52E-07	8.61E-04	5.61E-10	1.0E+06	5.6E-04
244	0.62207	8.92E-04	5.5E-04	1.05E-03	5.80E-07	8.61E-04	4.99E-10	1.0E+06	5.0E-04
245	0.55526	8.92E-04	5.0E-04	1.05E-03	5.18E-07	8.61E-04	4.46E-10	1.0E+06	4.5E-04
246	0.49748	8.92E-04	4.4E-04	1.05E-03	4.64E-07	8.61E-04	3.99E-10	1.0E+06	4.0E-04
247	0.61304	8.92E-04	5.5E-04	1.05E-03	5.72E-07	8.61E-04	4.92E-10	1.0E+06	4.9E-04
248	0.55099	8.92E-04	4.9E-04	1.05E-03	5.14E-07	8.61E-04	4.42E-10	1.0E+06	4.4E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
249	0.49629	8.92E-04	4.4E-04	1.05E-03	4.63E-07	8.61E-04	3.98E-10	1.0E+06	4.0E-04
250	0.44815	8.92E-04	4.0E-04	1.05E-03	4.18E-07	8.61E-04	3.60E-10	1.0E+06	3.6E-04
251	0.26238	8.92E-04	2.3E-04	1.05E-03	2.45E-07	8.61E-04	2.11E-10	1.0E+06	2.1E-04
252	0.24382	8.92E-04	2.2E-04	1.05E-03	2.27E-07	8.61E-04	1.96E-10	1.0E+06	2.0E-04
253	0.2996	8.92E-04	2.7E-04	1.05E-03	2.79E-07	8.61E-04	2.41E-10	1.0E+06	2.4E-04
254	0.27903	8.92E-04	2.5E-04	1.05E-03	2.60E-07	8.61E-04	2.24E-10	1.0E+06	2.2E-04
255	0.24235	8.92E-04	2.2E-04	1.05E-03	2.26E-07	8.61E-04	1.95E-10	1.0E+06	1.9E-04
256	0.22615	8.92E-04	2.0E-04	1.05E-03	2.11E-07	8.61E-04	1.82E-10	1.0E+06	1.8E-04
257	0.18531	8.92E-04	1.7E-04	1.05E-03	1.73E-07	8.61E-04	1.49E-10	1.0E+06	1.5E-04
258	0.27364	8.92E-04	2.4E-04	1.05E-03	2.55E-07	8.61E-04	2.20E-10	1.0E+06	2.2E-04
259	0.25606	8.92E-04	2.3E-04	1.05E-03	2.39E-07	8.61E-04	2.06E-10	1.0E+06	2.1E-04
260	0.23959	8.92E-04	2.1E-04	1.05E-03	2.23E-07	8.61E-04	1.92E-10	1.0E+06	1.9E-04
261	0.22431	8.92E-04	2.0E-04	1.05E-03	2.09E-07	8.61E-04	1.80E-10	1.0E+06	1.8E-04
262	0.21014	8.92E-04	1.9E-04	1.05E-03	1.96E-07	8.61E-04	1.69E-10	1.0E+06	1.7E-04
263	0.17394	8.92E-04	1.6E-04	1.05E-03	1.62E-07	8.61E-04	1.40E-10	1.0E+06	1.4E-04
264	0.23557	8.92E-04	2.1E-04	1.05E-03	2.20E-07	8.61E-04	1.89E-10	1.0E+06	1.9E-04
265	0.22136	8.92E-04	2.0E-04	1.05E-03	2.06E-07	8.61E-04	1.78E-10	1.0E+06	1.8E-04
266	0.20804	8.92E-04	1.9E-04	1.05E-03	1.94E-07	8.61E-04	1.67E-10	1.0E+06	1.7E-04
267	0.19561	8.92E-04	1.7E-04	1.05E-03	1.82E-07	8.61E-04	1.57E-10	1.0E+06	1.6E-04
268	0.1635	8.92E-04	1.5E-04	1.05E-03	1.52E-07	8.61E-04	1.31E-10	1.0E+06	1.3E-04
269	0.2514	8.92E-04	2.2E-04	1.05E-03	2.34E-07	8.61E-04	2.02E-10	1.0E+06	2.0E-04
270	0.21457	8.92E-04	1.9E-04	1.05E-03	2.00E-07	8.61E-04	1.72E-10	1.0E+06	1.7E-04
271	0.18532	8.92E-04	1.7E-04	1.05E-03	1.73E-07	8.61E-04	1.49E-10	1.0E+06	1.5E-04
272	0.16174	8.92E-04	1.4E-04	1.05E-03	1.51E-07	8.61E-04	1.30E-10	1.0E+06	1.3E-04
273	0.14248	8.92E-04	1.3E-04	1.05E-03	1.33E-07	8.61E-04	1.14E-10	1.0E+06	1.1E-04
274	0.12659	8.92E-04	1.1E-04	1.05E-03	1.18E-07	8.61E-04	1.02E-10	1.0E+06	1.0E-04
275	0.11332	8.92E-04	1.0E-04	1.05E-03	1.06E-07	8.61E-04	9.10E-11	1.0E+06	9.1E-05
276	0.22462	8.92E-04	2.0E-04	1.05E-03	2.09E-07	8.61E-04	1.80E-10	1.0E+06	1.8E-04
277	0.19293	8.92E-04	1.7E-04	1.05E-03	1.80E-07	8.61E-04	1.55E-10	1.0E+06	1.5E-04
278	0.16762	8.92E-04	1.5E-04	1.05E-03	1.56E-07	8.61E-04	1.35E-10	1.0E+06	1.3E-04
279	0.1471	8.92E-04	1.3E-04	1.05E-03	1.37E-07	8.61E-04	1.18E-10	1.0E+06	1.2E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 8 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.13026	8.92E-04	1.2E-04	1.05E-03	1.21E-07	8.61E-04	1.05E-10	1.0E+06	1.0E-04
281	0.11629	8.92E-04	1.0E-04	1.05E-03	1.08E-07	8.61E-04	9.34E-11	1.0E+06	9.3E-05
282	0.10456	8.92E-04	9.3E-05	1.05E-03	9.75E-08	8.61E-04	8.39E-11	1.0E+06	8.4E-05
283	0.2002	8.92E-04	1.8E-04	1.05E-03	1.87E-07	8.61E-04	1.61E-10	1.0E+06	1.6E-04
284	0.17329	8.92E-04	1.5E-04	1.05E-03	1.62E-07	8.61E-04	1.39E-10	1.0E+06	1.4E-04
285	0.15162	8.92E-04	1.4E-04	1.05E-03	1.41E-07	8.61E-04	1.22E-10	1.0E+06	1.2E-04
286	0.1339	8.92E-04	1.2E-04	1.05E-03	1.25E-07	8.61E-04	1.08E-10	1.0E+06	1.1E-04
287	0.11924	8.92E-04	1.1E-04	1.05E-03	1.11E-07	8.61E-04	9.57E-11	1.0E+06	9.6E-05
288	0.107	8.92E-04	9.5E-05	1.05E-03	9.98E-08	8.61E-04	8.59E-11	1.0E+06	8.6E-05
289	0.09665	8.92E-04	8.6E-05	1.05E-03	9.01E-08	8.61E-04	7.76E-11	1.0E+06	7.8E-05
290	0.17906	8.92E-04	1.6E-04	1.05E-03	1.67E-07	8.61E-04	1.44E-10	1.0E+06	1.4E-04
291	0.15624	8.92E-04	1.4E-04	1.05E-03	1.46E-07	8.61E-04	1.25E-10	1.0E+06	1.3E-04
292	0.13766	8.92E-04	1.2E-04	1.05E-03	1.28E-07	8.61E-04	1.11E-10	1.0E+06	1.1E-04
293	0.12233	8.92E-04	1.1E-04	1.05E-03	1.14E-07	8.61E-04	9.82E-11	1.0E+06	9.8E-05
294	0.10955	8.92E-04	9.8E-05	1.05E-03	1.02E-07	8.61E-04	8.80E-11	1.0E+06	8.8E-05
295	0.09879	8.92E-04	8.8E-05	1.05E-03	9.21E-08	8.61E-04	7.93E-11	1.0E+06	7.9E-05
296	0.08965	8.92E-04	8.0E-05	1.05E-03	8.36E-08	8.61E-04	7.20E-11	1.0E+06	7.2E-05
297	0.1613	8.92E-04	1.4E-04	1.05E-03	1.50E-07	8.61E-04	1.29E-10	1.0E+06	1.3E-04
298	0.14178	8.92E-04	1.3E-04	1.05E-03	1.32E-07	8.61E-04	1.14E-10	1.0E+06	1.1E-04
299	0.12573	8.92E-04	1.1E-04	1.05E-03	1.17E-07	8.61E-04	1.01E-10	1.0E+06	1.0E-04
300	0.11239	8.92E-04	1.0E-04	1.05E-03	1.05E-07	8.61E-04	9.02E-11	1.0E+06	9.0E-05
301	0.10117	8.92E-04	9.0E-05	1.05E-03	9.43E-08	8.61E-04	8.12E-11	1.0E+06	8.1E-05
302	0.09165	8.92E-04	8.2E-05	1.05E-03	8.55E-08	8.61E-04	7.36E-11	1.0E+06	7.4E-05
303	0.08351	8.92E-04	7.4E-05	1.05E-03	7.79E-08	8.61E-04	6.70E-11	1.0E+06	6.7E-05
304	0.14638	8.92E-04	1.3E-04	1.05E-03	1.36E-07	8.61E-04	1.18E-10	1.0E+06	1.2E-04
305	0.12954	8.92E-04	1.2E-04	1.05E-03	1.21E-07	8.61E-04	1.04E-10	1.0E+06	1.0E-04
306	0.11557	8.92E-04	1.0E-04	1.05E-03	1.08E-07	8.61E-04	9.28E-11	1.0E+06	9.3E-05
307	0.10384	8.92E-04	9.3E-05	1.05E-03	9.68E-08	8.61E-04	8.34E-11	1.0E+06	8.3E-05
308	0.09391	8.92E-04	8.4E-05	1.05E-03	8.76E-08	8.61E-04	7.54E-11	1.0E+06	7.5E-05
309	0.08543	8.92E-04	7.6E-05	1.05E-03	7.97E-08	8.61E-04	6.86E-11	1.0E+06	6.9E-05
310	0.07814	8.92E-04	7.0E-05	1.05E-03	7.29E-08	8.61E-04	6.27E-11	1.0E+06	6.3E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.13375	8.92E-04	1.2E-04	1.05E-03	1.25E-07	8.61E-04	1.07E-10	1.0E+06	1.1E-04
312	0.11909	8.92E-04	1.1E-04	1.05E-03	1.11E-07	8.61E-04	9.56E-11	1.0E+06	9.6E-05
313	0.10682	8.92E-04	9.5E-05	1.05E-03	9.96E-08	8.61E-04	8.58E-11	1.0E+06	8.6E-05
314	0.09645	8.92E-04	8.6E-05	1.05E-03	8.99E-08	8.61E-04	7.74E-11	1.0E+06	7.7E-05
315	0.0876	8.92E-04	7.8E-05	1.05E-03	8.17E-08	8.61E-04	7.03E-11	1.0E+06	7.0E-05
316	0.08	8.92E-04	7.1E-05	1.05E-03	7.46E-08	8.61E-04	6.42E-11	1.0E+06	6.4E-05
317	0.07342	8.92E-04	6.5E-05	1.05E-03	6.85E-08	8.61E-04	5.89E-11	1.0E+06	5.9E-05



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Architectural Coating Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	1.07E-05
2	5	1.12E-05
3	5	1.14E-05
4	5	1.58E-05
5	5	1.65E-05
6	5	1.71E-05
7	5	1.77E-05
8	5	1.83E-05
9	5	1.90E-05
10	5	1.96E-05
11	5	2.04E-05
12	5	2.14E-05
13	5	2.27E-05
14	5	2.42E-05
15	5	2.60E-05
16	5	2.79E-05
17	5	3.00E-05
18	5	3.19E-05
19	5	3.37E-05
20	5	3.52E-05
21	5	3.63E-05
22	5	3.69E-05
23	5	3.71E-05
24	5	3.67E-05
25	5	3.60E-05
26	5	1.16E-05
27	5	1.22E-05
28	5	1.24E-05
29	5	1.78E-05
30	5	1.86E-05
31	5	1.95E-05

Max	Receptor #
0.00031	224

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
32	5	2.02E-05
33	5	2.10E-05
34	5	2.18E-05
35	5	2.27E-05
36	5	2.37E-05
37	5	2.50E-05
38	5	2.67E-05
39	5	2.87E-05
40	5	3.10E-05
41	5	3.36E-05
42	5	3.61E-05
43	5	3.84E-05
44	5	4.03E-05
45	5	4.18E-05
46	5	4.26E-05
47	5	4.27E-05
48	5	4.23E-05
49	5	4.13E-05
50	5	3.98E-05
51	5	1.26E-05
52	5	1.33E-05
53	5	1.36E-05
54	5	2.01E-05
55	5	2.12E-05
56	5	2.23E-05
57	5	2.33E-05
58	5	2.43E-05
59	5	2.54E-05
60	5	2.65E-05
61	5	2.79E-05
62	5	2.97E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	3.20E-05
64	5	3.47E-05
65	5	3.78E-05
66	5	4.11E-05
67	5	4.41E-05
68	5	4.67E-05
69	5	4.86E-05
70	5	4.97E-05
71	5	4.99E-05
72	5	4.92E-05
73	5	4.78E-05
74	5	4.59E-05
75	5	4.35E-05
76	5	1.38E-05
77	5	1.46E-05
78	5	1.50E-05
79	5	2.30E-05
80	5	2.44E-05
81	5	2.59E-05
82	5	2.72E-05
83	5	2.86E-05
84	5	3.00E-05
85	5	3.15E-05
86	5	3.35E-05
87	5	3.61E-05
88	5	3.92E-05
89	5	4.29E-05
90	5	4.71E-05
91	5	5.11E-05
92	5	5.47E-05
93	5	5.73E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	5.88E-05
95	5	5.90E-05
96	5	5.81E-05
97	5	5.62E-05
98	5	5.35E-05
99	5	5.03E-05
100	5	4.68E-05
101	5	1.51E-05
102	5	1.61E-05
103	5	1.67E-05
104	5	2.65E-05
105	5	2.85E-05
106	5	3.04E-05
107	5	3.23E-05
108	5	3.41E-05
109	5	3.60E-05
110	5	3.82E-05
111	5	4.11E-05
112	5	4.46E-05
113	5	4.91E-05
114	5	5.44E-05
115	5	5.99E-05
116	5	6.49E-05
117	5	6.86E-05
118	5	7.08E-05
119	5	7.11E-05
120	5	6.97E-05
121	5	6.70E-05
122	5	6.32E-05
123	5	5.88E-05
124	5	5.42E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.65E-05
126	5	1.78E-05
127	5	1.85E-05
128	5	3.36E-05
129	5	3.63E-05
130	5	3.89E-05
131	5	4.15E-05
132	5	4.42E-05
133	5	4.74E-05
134	5	5.15E-05
135	5	5.68E-05
136	5	6.35E-05
137	5	7.10E-05
138	5	7.81E-05
139	5	8.37E-05
140	5	8.68E-05
141	5	8.73E-05
142	5	8.53E-05
143	5	8.13E-05
144	5	7.58E-05
145	5	6.97E-05
146	5	6.33E-05
147	5	1.82E-05
148	5	1.97E-05
149	5	2.08E-05
150	5	4.02E-05
151	5	4.41E-05
152	5	4.79E-05
153	5	5.17E-05
154	5	5.56E-05
155	5	6.06E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	6.67E-05
157	5	7.50E-05
158	5	8.51E-05
159	5	9.56E-05
160	5	1.04E-04
161	5	1.09E-04
162	5	1.10E-04
163	5	1.07E-04
164	5	1.01E-04
165	5	9.26E-05
166	5	8.38E-05
167	5	7.49E-05
168	5	6.64E-05
169	5	1.99E-05
170	5	2.18E-05
171	5	2.34E-05
172	5	2.50E-05
173	5	4.90E-05
174	5	5.47E-05
175	5	6.05E-05
176	5	6.62E-05
177	5	7.24E-05
178	5	8.00E-05
179	5	8.99E-05
180	5	1.03E-04
181	5	1.19E-04
182	5	1.33E-04
183	5	1.02E-04
184	5	8.97E-05
185	5	2.41E-05
186	5	2.63E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
187	5	2.84E-05
188	5	6.07E-05
189	5	6.95E-05
190	5	7.87E-05
191	5	8.81E-05
192	5	9.86E-05
193	5	1.11E-04
194	5	1.28E-04
195	5	1.51E-04
196	5	1.74E-04
197	5	1.89E-04
198	5	2.93E-05
199	5	3.24E-05
200	5	3.26E-05
201	5	3.68E-05
202	5	4.12E-05
203	5	4.14E-05
204	5	4.79E-05
205	5	5.53E-05
206	5	5.46E-05
207	5	6.48E-05
208	5	7.81E-05
209	5	6.19E-05
210	5	7.56E-05
211	5	9.29E-05
212	5	8.71E-05
213	5	1.11E-04
214	5	1.44E-04
215	5	1.00E-04
216	5	1.30E-04
217	5	1.72E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	1.97E-04
219	5	2.78E-04
220	5	2.08E-04
221	5	2.78E-04
222	5	1.97E-04
223	5	2.48E-04
224	5	3.13E-04
225	5	2.04E-04
226	5	2.37E-04
227	5	2.35E-05
228	5	2.10E-05
229	5	1.89E-05
230	5	1.71E-05
231	5	2.14E-05
232	5	1.93E-05
233	5	1.75E-05
234	5	1.59E-05
235	5	1.96E-05
236	5	1.78E-05
237	5	1.62E-05
238	5	1.48E-05
239	5	1.43E-04
240	5	1.26E-04
241	5	1.11E-04
242	5	9.89E-05
243	5	1.25E-04
244	5	1.11E-04
245	5	9.91E-05
246	5	8.88E-05
247	5	1.09E-04
248	5	9.83E-05



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
249	5	8.85E-05
250	5	8.00E-05
251	5	4.68E-05
252	5	4.35E-05
253	5	5.35E-05
254	5	4.98E-05
255	5	4.32E-05
256	5	4.03E-05
257	5	3.31E-05
258	5	4.88E-05
259	5	4.57E-05
260	5	4.27E-05
261	5	4.00E-05
262	5	3.75E-05
263	5	3.10E-05
264	5	4.20E-05
265	5	3.95E-05
266	5	3.71E-05
267	5	3.49E-05
268	5	2.92E-05
269	5	4.49E-05
270	5	3.83E-05
271	5	3.31E-05
272	5	2.89E-05
273	5	2.54E-05
274	5	2.26E-05
275	5	2.02E-05
276	5	4.01E-05
277	5	3.44E-05
278	5	2.99E-05
279	5	2.62E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	2.32E-05
281	5	2.07E-05
282	5	1.87E-05
283	5	3.57E-05
284	5	3.09E-05
285	5	2.71E-05
286	5	2.39E-05
287	5	2.13E-05
288	5	1.91E-05
289	5	1.72E-05
290	5	3.19E-05
291	5	2.79E-05
292	5	2.46E-05
293	5	2.18E-05
294	5	1.95E-05
295	5	1.76E-05
296	5	1.60E-05
297	5	2.88E-05
298	5	2.53E-05
299	5	2.24E-05
300	5	2.01E-05
301	5	1.81E-05
302	5	1.64E-05
303	5	1.49E-05
304	5	2.61E-05
305	5	2.31E-05
306	5	2.06E-05
307	5	1.85E-05
308	5	1.68E-05
309	5	1.52E-05
310	5	1.39E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 8 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	2.39E-05
312	5	2.12E-05
313	5	1.91E-05
314	5	1.72E-05
315	5	1.56E-05
316	5	1.43E-05
317	5	1.31E-05

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**10: Unmitigated Parcel 9 Risk**

## **Unmitigated Construction Health Risk for Parcel 9**

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Parcel 9-A: Unmitigated Construction Health Risk for Parcel 9 - Assumptions

Parcel 9-B: Unmitigated - Parcel 9 - Emissions

Parcel 9-C: Unmitigated - Parcel 9 - Risk Summary

Parcel 9-D: Unmitigated - Parcel 9 - Site Preparation Risk

Parcel 9-E: Unmitigated - Parcel 9 - Grading Risk

Parcel 9-F: Unmitigated - Parcel 9 - Building Construction Risk

Parcel 9-G: Unmitigated - Parcel 9 - Paving Risk

Parcel 9-H: Unmitigated - Parcel 9 - Architectural Coating Risk



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Parcel 9-A: Unmitigated Construction Health Risk for Parcel 9 - Assumptions



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## Manning Ave. Annexation 2020-01 Project

### Unmitigated Construction Health Risk for Parcel 9 - Assumptions

Date: 4/28/2022

	3rd	0-2	2-16	>16	Units
DBR	361	1090	631	261	L/kg
A	1				no units
EF	0.95890411				years
Constant 1	0.000001				no units
CPF	1.1				mg/kg-day-1
ASF	10	10	3	1	no units
Site Preparation	0.00	0.008	0.00	0.00	years
Grading	0.00	0.016	0.00	0.00	years
Building Construction	0.00	0.603	0.00	0.00	years
Paving	0.00	0.027	0.00	0.00	years
Architectural Coating	0.00	0.027	0.00	0.00	years
AT	70				years
FAH	1	1	1	0.73	day
Constant 2	1,000,000				no units
Dose Constant	3.46E-04	1.05E-03	6.05E-04	2.50E-04	
Risk Constant	0.00E+00	1.29E-03	0.00E+00	0.00E+00	

*Source: OEHHA 2015*

Dose =

(Cair X DBR X A X EF X Constant 1)

Cair = concentration in air ( $\mu\text{g}/\text{m}^3$ )

DBR = daily breathing rate normalized to body weight (l/kg bod weight -day)

A = Inhalation adsorption factor (unitless)

EF = Exposure frequency (unitless), days/365 days

Constant 1 = micrograms to milligrams conversion, liters to cubic meters conversion

Cancer Risk =

Dose X CPF x ASF x (ED/AT) X FAH

Dose = Daily inhalation dose (mg/kg-day)

CPF = Inhalation cancer potency factor ( $\text{mg}/\text{kg}\cdot\text{day}^{-1}$ )

ASF = Age sensitivity factor for a specified age group (unitless)

ED = Exposure duration (in years) for a specified age group

AT = Averaging time for lifetime cancer risk (years)

FAH = Fraction of time spent at home (unitless)

Risk per Million =

Cancer Risk X Constant 2

FAH

If school is within the 1 per million cancer bracket:

3rd to 2 years 1

2 to 16 1

16-30 0.73

If school is not within the 1 per million cancer bracket:

3rd to 2 years 0.85

2 to 16 0.72

16-30 0.73

*Source: OEHHA 2015*

**Onsite Concentrations**

	<b>Source ID</b>	<b>PM10 (lbs/day)</b>	<b>PM10 (gr/day)</b>	<b>PM10 (gr/sec)</b>	<b>Days</b>	<b>Years</b>
Site Preparation	P9A	0.51	230.15277	0.0063931	3	0.008
Grading	P9A	0.60	274.15123	0.0076153	6	0.016
Building Construction	P9B	0.51	233.37327	0.0064826	220	0.603
Paving	P9A	0.31	139.88789	0.0038858	10	0.027
Architectural Coating	P9B	0.07	32.11434	0.0008921	10	0.027



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated Construction Health Risk for Parcel 9 - Assumptions**

**Sources**

P9A	Parcel 9	Site Preparation, grading, and paving
P9B	Parcel 9	Building Construction and Architectural Coating

Meteorological Data Fresno Airport 2013 - 2017. Supplied by SJVAPCD  
Elevation 101 M.

**Assumptions and Constants:**

- 365 days per year construction
- 453.59237 conversion from lbs to grams
- 10 hours per day construction
- 60 minutes per hour
- 60 seconds per minute
- 1 year construction per parcel
- 0-2 year age bin as conservative risk.

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Parcel 9-B: Unmitigated - Parcel 9 - Emissions



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**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Emissions**

	<b>PM10 Exhaust</b>	<b>days/phase</b>
Site Preparation	0.5074	3
Grading	0.6044	6
Building Construction	0.5145	220
Paving	0.3084	10
Architectural Coating	0.0708	10

Source: CalEEMod Title: Annexation 2020-01 Kings River Development Hotel Parcel #9  
CalEEMod Date: 4/28/2022

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Parcel 9-C: Unmitigated - Parcel 9 - Risk Summary



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**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
1	2.058E-03	5.20E-04	6.2E-04	5.29E-04	3.16E-04	7.28E-05
2	2.163E-03	5.47E-04	6.5E-04	5.56E-04	3.32E-04	7.65E-05
3	2.500E-03	6.33E-04	7.5E-04	6.40E-04	3.85E-04	8.81E-05
4	3.238E-03	8.20E-04	9.8E-04	8.30E-04	4.98E-04	1.14E-04
5	3.341E-03	8.45E-04	1.0E-03	8.57E-04	5.14E-04	1.18E-04
6	3.443E-03	8.71E-04	1.0E-03	8.83E-04	5.30E-04	1.21E-04
7	3.553E-03	8.99E-04	1.1E-03	9.11E-04	5.47E-04	1.25E-04
8	3.675E-03	9.30E-04	1.1E-03	9.43E-04	5.65E-04	1.30E-04
9	3.829E-03	9.69E-04	1.2E-03	9.81E-04	5.89E-04	1.35E-04
10	4.018E-03	1.02E-03	1.2E-03	1.03E-03	6.18E-04	1.42E-04
11	4.251E-03	1.08E-03	1.3E-03	1.09E-03	6.54E-04	1.50E-04
12	4.524E-03	1.15E-03	1.4E-03	1.16E-03	6.97E-04	1.59E-04
13	4.807E-03	1.22E-03	1.5E-03	1.23E-03	7.41E-04	1.69E-04
14	5.134E-03	1.30E-03	1.6E-03	1.31E-03	7.91E-04	1.80E-04
15	5.489E-03	1.39E-03	1.7E-03	1.40E-03	8.45E-04	1.93E-04
16	5.845E-03	1.48E-03	1.8E-03	1.50E-03	8.99E-04	2.06E-04
17	6.127E-03	1.55E-03	1.8E-03	1.57E-03	9.43E-04	2.16E-04
18	6.404E-03	1.62E-03	1.9E-03	1.64E-03	9.85E-04	2.26E-04
19	6.603E-03	1.67E-03	2.0E-03	1.69E-03	1.02E-03	2.33E-04
20	6.714E-03	1.70E-03	2.0E-03	1.72E-03	1.03E-03	2.37E-04
21	6.737E-03	1.70E-03	2.0E-03	1.73E-03	1.04E-03	2.38E-04
22	6.677E-03	1.69E-03	2.0E-03	1.71E-03	1.03E-03	2.36E-04
23	6.545E-03	1.66E-03	2.0E-03	1.68E-03	1.01E-03	2.31E-04
24	6.352E-03	1.61E-03	1.9E-03	1.63E-03	9.76E-04	2.24E-04
25	6.112E-03	1.55E-03	1.8E-03	1.57E-03	9.39E-04	2.16E-04
26	2.261E-03	5.72E-04	6.8E-04	5.81E-04	3.47E-04	8.00E-05
27	2.393E-03	6.06E-04	7.2E-04	6.13E-04	3.68E-04	8.43E-05
28	2.752E-03	6.97E-04	8.3E-04	7.04E-04	4.24E-04	9.69E-05
29	3.678E-03	9.31E-04	1.1E-03	9.43E-04	5.66E-04	1.30E-04
30	3.809E-03	9.64E-04	1.1E-03	9.76E-04	5.86E-04	1.34E-04

<b>Max</b>	<b>Receptor #</b>
0.216	219

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
31	3.938E-03	9.97E-04	1.2E-03	1.01E-03	6.06E-04	1.39E-04
32	4.077E-03	1.03E-03	1.2E-03	1.04E-03	6.27E-04	1.44E-04
33	4.235E-03	1.07E-03	1.3E-03	1.09E-03	6.51E-04	1.49E-04
34	4.436E-03	1.12E-03	1.3E-03	1.14E-03	6.83E-04	1.56E-04
35	4.688E-03	1.19E-03	1.4E-03	1.20E-03	7.22E-04	1.65E-04
36	4.998E-03	1.27E-03	1.5E-03	1.28E-03	7.70E-04	1.76E-04
37	5.336E-03	1.35E-03	1.6E-03	1.36E-03	8.22E-04	1.87E-04
38	5.703E-03	1.45E-03	1.7E-03	1.46E-03	8.79E-04	2.00E-04
39	6.138E-03	1.56E-03	1.9E-03	1.57E-03	9.46E-04	2.15E-04
40	6.571E-03	1.66E-03	2.0E-03	1.68E-03	1.01E-03	2.31E-04
41	6.962E-03	1.76E-03	2.1E-03	1.78E-03	1.07E-03	2.45E-04
42	7.277E-03	1.84E-03	2.2E-03	1.86E-03	1.12E-03	2.56E-04
43	7.535E-03	1.91E-03	2.3E-03	1.93E-03	1.16E-03	2.66E-04
44	7.679E-03	1.94E-03	2.3E-03	1.97E-03	1.18E-03	2.71E-04
45	7.706E-03	1.95E-03	2.3E-03	1.98E-03	1.18E-03	2.72E-04
46	7.625E-03	1.93E-03	2.3E-03	1.96E-03	1.17E-03	2.69E-04
47	7.448E-03	1.88E-03	2.2E-03	1.91E-03	1.14E-03	2.63E-04
48	7.196E-03	1.82E-03	2.2E-03	1.85E-03	1.11E-03	2.54E-04
49	6.886E-03	1.74E-03	2.1E-03	1.77E-03	1.06E-03	2.43E-04
50	6.537E-03	1.65E-03	2.0E-03	1.68E-03	1.00E-03	2.31E-04
51	2.500E-03	6.32E-04	7.5E-04	6.42E-04	3.84E-04	8.84E-05
52	2.647E-03	6.70E-04	8.0E-04	6.78E-04	4.07E-04	9.33E-05
53	3.046E-03	7.72E-04	9.2E-04	7.80E-04	4.69E-04	1.07E-04
54	4.222E-03	1.07E-03	1.3E-03	1.08E-03	6.49E-04	1.49E-04
55	4.391E-03	1.11E-03	1.3E-03	1.13E-03	6.75E-04	1.55E-04
56	4.558E-03	1.15E-03	1.4E-03	1.17E-03	7.01E-04	1.61E-04
57	4.739E-03	1.20E-03	1.4E-03	1.21E-03	7.29E-04	1.67E-04
58	4.947E-03	1.25E-03	1.5E-03	1.27E-03	7.61E-04	1.74E-04
59	5.215E-03	1.32E-03	1.6E-03	1.34E-03	8.03E-04	1.84E-04
60	5.554E-03	1.41E-03	1.7E-03	1.42E-03	8.55E-04	1.95E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
61	5.973E-03	1.51E-03	1.8E-03	1.53E-03	9.20E-04	2.10E-04
62	6.404E-03	1.62E-03	1.9E-03	1.63E-03	9.87E-04	2.25E-04
63	6.906E-03	1.75E-03	2.1E-03	1.76E-03	1.06E-03	2.42E-04
64	7.454E-03	1.89E-03	2.2E-03	1.91E-03	1.15E-03	2.62E-04
65	7.978E-03	2.02E-03	2.4E-03	2.04E-03	1.23E-03	2.81E-04
66	8.371E-03	2.12E-03	2.5E-03	2.14E-03	1.29E-03	2.95E-04
67	8.688E-03	2.20E-03	2.6E-03	2.23E-03	1.34E-03	3.06E-04
68	8.878E-03	2.25E-03	2.7E-03	2.28E-03	1.37E-03	3.13E-04
69	8.912E-03	2.25E-03	2.7E-03	2.29E-03	1.37E-03	3.15E-04
70	8.800E-03	2.23E-03	2.7E-03	2.26E-03	1.35E-03	3.11E-04
71	8.562E-03	2.17E-03	2.6E-03	2.20E-03	1.32E-03	3.03E-04
72	8.226E-03	2.08E-03	2.5E-03	2.11E-03	1.26E-03	2.91E-04
73	7.821E-03	1.98E-03	2.4E-03	2.01E-03	1.20E-03	2.76E-04
74	7.371E-03	1.86E-03	2.2E-03	1.89E-03	1.13E-03	2.61E-04
75	6.899E-03	1.74E-03	2.1E-03	1.77E-03	1.06E-03	2.44E-04
76	2.784E-03	7.04E-04	8.4E-04	7.15E-04	4.28E-04	9.84E-05
77	2.950E-03	7.47E-04	8.9E-04	7.56E-04	4.54E-04	1.04E-04
78	3.396E-03	8.60E-04	1.0E-03	8.69E-04	5.23E-04	1.20E-04
79	4.903E-03	1.24E-03	1.5E-03	1.26E-03	7.54E-04	1.73E-04
80	5.126E-03	1.30E-03	1.5E-03	1.31E-03	7.89E-04	1.81E-04
81	5.348E-03	1.35E-03	1.6E-03	1.37E-03	8.23E-04	1.89E-04
82	5.588E-03	1.42E-03	1.7E-03	1.43E-03	8.60E-04	1.97E-04
83	5.870E-03	1.49E-03	1.8E-03	1.50E-03	9.03E-04	2.07E-04
84	6.236E-03	1.58E-03	1.9E-03	1.60E-03	9.60E-04	2.20E-04
85	6.704E-03	1.70E-03	2.0E-03	1.71E-03	1.03E-03	2.36E-04
86	7.216E-03	1.83E-03	2.2E-03	1.84E-03	1.11E-03	2.53E-04
87	7.823E-03	1.98E-03	2.4E-03	1.99E-03	1.21E-03	2.74E-04
88	8.524E-03	2.16E-03	2.6E-03	2.18E-03	1.31E-03	2.99E-04
89	9.196E-03	2.33E-03	2.8E-03	2.35E-03	1.42E-03	3.23E-04
90	9.791E-03	2.48E-03	3.0E-03	2.51E-03	1.51E-03	3.45E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
91	1.014E-02	2.57E-03	3.1E-03	2.60E-03	1.56E-03	3.58E-04
92	1.040E-02	2.63E-03	3.1E-03	2.67E-03	1.60E-03	3.67E-04
93	1.044E-02	2.64E-03	3.1E-03	2.68E-03	1.60E-03	3.69E-04
94	1.028E-02	2.60E-03	3.1E-03	2.64E-03	1.58E-03	3.63E-04
95	9.954E-03	2.52E-03	3.0E-03	2.56E-03	1.53E-03	3.52E-04
96	9.501E-03	2.40E-03	2.9E-03	2.44E-03	1.46E-03	3.36E-04
97	8.961E-03	2.27E-03	2.7E-03	2.30E-03	1.38E-03	3.17E-04
98	8.374E-03	2.12E-03	2.5E-03	2.15E-03	1.29E-03	2.96E-04
99	7.768E-03	1.96E-03	2.3E-03	2.00E-03	1.19E-03	2.75E-04
100	7.166E-03	1.81E-03	2.2E-03	1.84E-03	1.10E-03	2.53E-04
101	3.119E-03	7.89E-04	9.4E-04	8.01E-04	4.80E-04	1.10E-04
102	3.301E-03	8.35E-04	9.9E-04	8.48E-04	5.08E-04	1.17E-04
103	3.812E-03	9.66E-04	1.2E-03	9.75E-04	5.87E-04	1.34E-04
104	5.773E-03	1.46E-03	1.7E-03	1.48E-03	8.88E-04	2.03E-04
105	6.076E-03	1.54E-03	1.8E-03	1.56E-03	9.35E-04	2.14E-04
106	6.376E-03	1.61E-03	1.9E-03	1.63E-03	9.81E-04	2.25E-04
107	6.704E-03	1.70E-03	2.0E-03	1.72E-03	1.03E-03	2.36E-04
108	7.096E-03	1.80E-03	2.1E-03	1.82E-03	1.09E-03	2.50E-04
109	7.615E-03	1.93E-03	2.3E-03	1.94E-03	1.17E-03	2.68E-04
110	8.263E-03	2.10E-03	2.5E-03	2.11E-03	1.27E-03	2.90E-04
111	8.934E-03	2.27E-03	2.7E-03	2.27E-03	1.38E-03	3.13E-04
112	9.832E-03	2.49E-03	3.0E-03	2.51E-03	1.52E-03	3.45E-04
113	1.073E-02	2.72E-03	3.2E-03	2.74E-03	1.65E-03	3.77E-04
114	1.153E-02	2.92E-03	3.5E-03	2.95E-03	1.77E-03	4.07E-04
115	1.211E-02	3.06E-03	3.7E-03	3.10E-03	1.86E-03	4.27E-04
116	1.236E-02	3.13E-03	3.7E-03	3.17E-03	1.90E-03	4.36E-04
117	1.241E-02	3.14E-03	3.7E-03	3.18E-03	1.91E-03	4.38E-04
118	1.218E-02	3.08E-03	3.7E-03	3.13E-03	1.87E-03	4.31E-04
119	1.172E-02	2.96E-03	3.5E-03	3.01E-03	1.80E-03	4.15E-04
120	1.110E-02	2.81E-03	3.3E-03	2.85E-03	1.71E-03	3.93E-04



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
121	1.037E-02	2.62E-03	3.1E-03	2.67E-03	1.59E-03	3.67E-04
122	9.592E-03	2.43E-03	2.9E-03	2.46E-03	1.47E-03	3.39E-04
123	8.804E-03	2.23E-03	2.7E-03	2.26E-03	1.35E-03	3.11E-04
124	8.039E-03	2.03E-03	2.4E-03	2.06E-03	1.24E-03	2.84E-04
125	3.521E-03	8.91E-04	1.1E-03	9.03E-04	5.41E-04	1.24E-04
126	3.753E-03	9.50E-04	1.1E-03	9.61E-04	5.77E-04	1.32E-04
127	4.307E-03	1.09E-03	1.3E-03	1.10E-03	6.63E-04	1.52E-04
128	7.331E-03	1.86E-03	2.2E-03	1.88E-03	1.13E-03	2.58E-04
129	7.749E-03	1.96E-03	2.3E-03	1.98E-03	1.19E-03	2.73E-04
130	8.208E-03	2.08E-03	2.5E-03	2.10E-03	1.26E-03	2.89E-04
131	8.775E-03	2.22E-03	2.6E-03	2.24E-03	1.35E-03	3.09E-04
132	9.538E-03	2.42E-03	2.9E-03	2.43E-03	1.47E-03	3.35E-04
133	1.042E-02	2.64E-03	3.2E-03	2.65E-03	1.61E-03	3.64E-04
134	1.145E-02	2.91E-03	3.5E-03	2.91E-03	1.77E-03	4.01E-04
135	1.267E-02	3.22E-03	3.8E-03	3.23E-03	1.95E-03	4.44E-04
136	1.380E-02	3.50E-03	4.2E-03	3.53E-03	2.12E-03	4.85E-04
137	1.463E-02	3.71E-03	4.4E-03	3.74E-03	2.25E-03	5.15E-04
138	1.501E-02	3.80E-03	4.5E-03	3.85E-03	2.31E-03	5.29E-04
139	1.502E-02	3.80E-03	4.5E-03	3.85E-03	2.31E-03	5.30E-04
140	1.468E-02	3.71E-03	4.4E-03	3.77E-03	2.26E-03	5.19E-04
141	1.402E-02	3.54E-03	4.2E-03	3.60E-03	2.15E-03	4.96E-04
142	1.314E-02	3.32E-03	4.0E-03	3.38E-03	2.02E-03	4.65E-04
143	1.214E-02	3.07E-03	3.7E-03	3.12E-03	1.86E-03	4.29E-04
144	1.109E-02	2.80E-03	3.3E-03	2.85E-03	1.70E-03	3.92E-04
145	1.005E-02	2.54E-03	3.0E-03	2.58E-03	1.54E-03	3.55E-04
146	9.065E-03	2.29E-03	2.7E-03	2.33E-03	1.39E-03	3.20E-04
147	3.999E-03	1.01E-03	1.2E-03	1.03E-03	6.15E-04	1.41E-04
148	4.280E-03	1.08E-03	1.3E-03	1.10E-03	6.58E-04	1.51E-04
149	4.906E-03	1.24E-03	1.5E-03	1.26E-03	7.55E-04	1.73E-04
150	9.034E-03	2.29E-03	2.7E-03	2.31E-03	1.39E-03	3.18E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
151	9.638E-03	2.44E-03	2.9E-03	2.46E-03	1.48E-03	3.39E-04
152	1.030E-02	2.61E-03	3.1E-03	2.63E-03	1.59E-03	3.62E-04
153	1.116E-02	2.83E-03	3.4E-03	2.85E-03	1.72E-03	3.92E-04
154	1.233E-02	3.13E-03	3.7E-03	3.13E-03	1.90E-03	4.31E-04
155	1.352E-02	3.43E-03	4.1E-03	3.43E-03	2.09E-03	4.72E-04
156	1.517E-02	3.85E-03	4.6E-03	3.85E-03	2.34E-03	5.30E-04
157	1.678E-02	4.26E-03	5.1E-03	4.28E-03	2.59E-03	5.88E-04
158	1.801E-02	4.56E-03	5.4E-03	4.60E-03	2.77E-03	6.34E-04
159	1.864E-02	4.72E-03	5.6E-03	4.77E-03	2.87E-03	6.57E-04
160	1.859E-02	4.70E-03	5.6E-03	4.77E-03	2.86E-03	6.57E-04
161	1.806E-02	4.56E-03	5.4E-03	4.64E-03	2.77E-03	6.39E-04
162	1.707E-02	4.32E-03	5.1E-03	4.39E-03	2.62E-03	6.04E-04
163	1.580E-02	3.99E-03	4.8E-03	4.06E-03	2.43E-03	5.59E-04
164	1.438E-02	3.64E-03	4.3E-03	3.70E-03	2.21E-03	5.09E-04
165	1.294E-02	3.27E-03	3.9E-03	3.33E-03	1.99E-03	4.58E-04
166	1.156E-02	2.92E-03	3.5E-03	2.97E-03	1.78E-03	4.09E-04
167	1.028E-02	2.60E-03	3.1E-03	2.64E-03	1.58E-03	3.63E-04
168	9.119E-03	2.31E-03	2.7E-03	2.34E-03	1.40E-03	3.22E-04
169	4.564E-03	1.15E-03	1.4E-03	1.17E-03	7.02E-04	1.61E-04
170	4.929E-03	1.25E-03	1.5E-03	1.26E-03	7.58E-04	1.74E-04
171	5.617E-03	1.42E-03	1.7E-03	1.44E-03	8.64E-04	1.98E-04
172	6.176E-03	1.57E-03	1.9E-03	1.58E-03	9.52E-04	2.17E-04
173	1.143E-02	2.90E-03	3.4E-03	2.92E-03	1.76E-03	4.02E-04
174	1.234E-02	3.13E-03	3.7E-03	3.15E-03	1.90E-03	4.33E-04
175	1.335E-02	3.38E-03	4.0E-03	3.40E-03	2.06E-03	4.68E-04
176	1.471E-02	3.74E-03	4.5E-03	3.74E-03	2.27E-03	5.14E-04
177	1.647E-02	4.19E-03	5.0E-03	4.17E-03	2.55E-03	5.74E-04
178	1.843E-02	4.69E-03	5.6E-03	4.66E-03	2.85E-03	6.42E-04
179	2.079E-02	5.28E-03	6.3E-03	5.28E-03	3.21E-03	7.27E-04
180	2.272E-02	5.76E-03	6.9E-03	5.79E-03	3.50E-03	7.97E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
181	2.374E-02	6.01E-03	7.2E-03	6.07E-03	3.65E-03	8.36E-04
182	2.366E-02	5.99E-03	7.1E-03	6.07E-03	3.64E-03	8.36E-04
183	1.339E-02	3.39E-03	4.0E-03	3.44E-03	2.06E-03	4.74E-04
184	1.171E-02	2.96E-03	3.5E-03	3.01E-03	1.80E-03	4.14E-04
185	5.707E-03	1.44E-03	1.7E-03	1.46E-03	8.78E-04	2.01E-04
186	6.420E-03	1.63E-03	1.9E-03	1.64E-03	9.88E-04	2.26E-04
187	7.241E-03	1.84E-03	2.2E-03	1.85E-03	1.12E-03	2.54E-04
188	1.494E-02	3.79E-03	4.5E-03	3.81E-03	2.30E-03	5.24E-04
189	1.639E-02	4.16E-03	5.0E-03	4.17E-03	2.53E-03	5.74E-04
190	1.802E-02	4.58E-03	5.5E-03	4.58E-03	2.78E-03	6.30E-04
191	2.029E-02	5.16E-03	6.2E-03	5.13E-03	3.14E-03	7.06E-04
192	2.294E-02	5.85E-03	7.0E-03	5.78E-03	3.55E-03	7.96E-04
193	2.638E-02	6.71E-03	8.0E-03	6.67E-03	4.08E-03	9.17E-04
194	2.950E-02	7.49E-03	8.9E-03	7.50E-03	4.55E-03	1.03E-03
195	3.125E-02	7.92E-03	9.4E-03	7.98E-03	4.81E-03	1.10E-03
196	3.128E-02	7.91E-03	9.4E-03	8.02E-03	4.81E-03	1.10E-03
197	2.973E-02	7.51E-03	8.9E-03	7.65E-03	4.57E-03	1.05E-03
198	7.472E-03	1.89E-03	2.3E-03	1.91E-03	1.15E-03	2.63E-04
199	8.563E-03	2.17E-03	2.6E-03	2.19E-03	1.32E-03	3.01E-04
200	8.647E-03	2.19E-03	2.6E-03	2.21E-03	1.33E-03	3.04E-04
201	1.012E-02	2.56E-03	3.1E-03	2.59E-03	1.56E-03	3.57E-04
202	1.178E-02	2.99E-03	3.6E-03	3.00E-03	1.82E-03	4.12E-04
203	1.198E-02	3.03E-03	3.6E-03	3.07E-03	1.84E-03	4.22E-04
204	1.446E-02	3.67E-03	4.4E-03	3.69E-03	2.23E-03	5.08E-04
205	1.752E-02	4.45E-03	5.3E-03	4.44E-03	2.71E-03	6.11E-04
206	1.753E-02	4.44E-03	5.3E-03	4.48E-03	2.70E-03	6.17E-04
207	2.230E-02	5.67E-03	6.8E-03	5.65E-03	3.45E-03	7.78E-04
208	2.875E-02	7.33E-03	8.7E-03	7.23E-03	4.46E-03	9.95E-04
209	2.115E-02	5.36E-03	6.4E-03	5.40E-03	3.26E-03	7.43E-04
210	2.808E-02	7.13E-03	8.5E-03	7.15E-03	4.33E-03	9.84E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
211	3.866E-02	9.87E-03	1.2E-02	9.69E-03	6.00E-03	1.33E-03
212	3.491E-02	8.87E-03	1.1E-02	8.88E-03	5.39E-03	1.22E-03
213	5.129E-02	1.31E-02	1.6E-02	1.29E-02	7.94E-03	1.78E-03
214	8.081E-02	2.08E-02	2.5E-02	1.98E-02	1.27E-02	2.73E-03
215	4.252E-02	1.08E-02	1.3E-02	1.08E-02	6.56E-03	1.49E-03
216	6.487E-02	1.65E-02	2.0E-02	1.64E-02	1.00E-02	2.26E-03
217	1.085E-01	2.79E-02	3.3E-02	2.68E-02	1.69E-02	3.69E-03
218	1.218E-01	3.09E-02	3.7E-02	3.10E-02	1.88E-02	4.26E-03
219	2.161E-01	5.49E-02	6.5E-02	5.50E-02	3.33E-02	7.57E-03
220	1.110E-01	2.79E-02	3.3E-02	2.88E-02	1.70E-02	3.96E-03
221	1.662E-01	4.19E-02	5.0E-02	4.30E-02	2.55E-02	5.91E-03
222	8.617E-02	2.17E-02	2.6E-02	2.24E-02	1.32E-02	3.08E-03
223	1.108E-01	2.80E-02	3.3E-02	2.84E-02	1.70E-02	3.91E-03
224	1.309E-01	3.34E-02	4.0E-02	3.30E-02	2.03E-02	4.54E-03
225	7.112E-02	1.80E-02	2.1E-02	1.82E-02	1.10E-02	2.50E-03
226	7.471E-02	1.90E-02	2.3E-02	1.89E-02	1.16E-02	2.59E-03
227	3.037E-03	7.69E-04	9.2E-04	7.78E-04	4.67E-04	1.07E-04
228	2.751E-03	6.96E-04	8.3E-04	7.05E-04	4.23E-04	9.70E-05
229	2.505E-03	6.34E-04	7.6E-04	6.42E-04	3.85E-04	8.84E-05
230	2.292E-03	5.80E-04	6.9E-04	5.88E-04	3.53E-04	8.09E-05
231	2.833E-03	7.17E-04	8.5E-04	7.26E-04	4.36E-04	1.00E-04
232	2.579E-03	6.53E-04	7.8E-04	6.61E-04	3.97E-04	9.10E-05
233	2.359E-03	5.97E-04	7.1E-04	6.05E-04	3.63E-04	8.33E-05
234	2.167E-03	5.48E-04	6.5E-04	5.56E-04	3.33E-04	7.65E-05
235	2.643E-03	6.69E-04	8.0E-04	6.78E-04	4.06E-04	9.33E-05
236	2.421E-03	6.13E-04	7.3E-04	6.21E-04	3.72E-04	8.55E-05
237	2.226E-03	5.63E-04	6.7E-04	5.71E-04	3.42E-04	7.86E-05
238	2.053E-03	5.19E-04	6.2E-04	5.27E-04	3.16E-04	7.25E-05
239	1.365E-02	3.47E-03	4.1E-03	3.47E-03	2.11E-03	4.78E-04
240	1.227E-02	3.11E-03	3.7E-03	3.12E-03	1.89E-03	4.29E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
241	1.107E-02	2.81E-03	3.3E-03	2.82E-03	1.71E-03	3.88E-04
242	1.005E-02	2.55E-03	3.0E-03	2.56E-03	1.55E-03	3.52E-04
243	1.241E-02	3.15E-03	3.8E-03	3.16E-03	1.91E-03	4.35E-04
244	1.122E-02	2.85E-03	3.4E-03	2.86E-03	1.73E-03	3.93E-04
245	1.020E-02	2.59E-03	3.1E-03	2.60E-03	1.57E-03	3.58E-04
246	9.297E-03	2.36E-03	2.8E-03	2.37E-03	1.43E-03	3.26E-04
247	1.131E-02	2.87E-03	3.4E-03	2.88E-03	1.74E-03	3.97E-04
248	1.030E-02	2.61E-03	3.1E-03	2.63E-03	1.59E-03	3.61E-04
249	9.408E-03	2.39E-03	2.8E-03	2.40E-03	1.45E-03	3.30E-04
250	8.621E-03	2.19E-03	2.6E-03	2.20E-03	1.33E-03	3.03E-04
251	5.631E-03	1.43E-03	1.7E-03	1.44E-03	8.67E-04	1.98E-04
252	5.276E-03	1.34E-03	1.6E-03	1.35E-03	8.12E-04	1.86E-04
253	6.437E-03	1.63E-03	1.9E-03	1.65E-03	9.91E-04	2.27E-04
254	6.015E-03	1.52E-03	1.8E-03	1.54E-03	9.26E-04	2.12E-04
255	5.285E-03	1.34E-03	1.6E-03	1.35E-03	8.13E-04	1.86E-04
256	4.967E-03	1.26E-03	1.5E-03	1.27E-03	7.64E-04	1.75E-04
257	4.168E-03	1.06E-03	1.3E-03	1.07E-03	6.41E-04	1.47E-04
258	5.998E-03	1.52E-03	1.8E-03	1.53E-03	9.23E-04	2.11E-04
259	5.621E-03	1.42E-03	1.7E-03	1.44E-03	8.65E-04	1.98E-04
260	5.277E-03	1.34E-03	1.6E-03	1.35E-03	8.12E-04	1.86E-04
261	4.964E-03	1.26E-03	1.5E-03	1.27E-03	7.64E-04	1.75E-04
262	4.678E-03	1.18E-03	1.4E-03	1.20E-03	7.20E-04	1.65E-04
263	3.956E-03	1.00E-03	1.2E-03	1.01E-03	6.09E-04	1.40E-04
264	5.260E-03	1.33E-03	1.6E-03	1.35E-03	8.10E-04	1.85E-04
265	4.952E-03	1.25E-03	1.5E-03	1.27E-03	7.62E-04	1.74E-04
266	4.669E-03	1.18E-03	1.4E-03	1.20E-03	7.18E-04	1.65E-04
267	4.409E-03	1.12E-03	1.3E-03	1.13E-03	6.78E-04	1.55E-04
268	3.756E-03	9.51E-04	1.1E-03	9.63E-04	5.78E-04	1.32E-04
269	5.848E-03	1.48E-03	1.8E-03	1.50E-03	9.00E-04	2.06E-04
270	5.136E-03	1.30E-03	1.5E-03	1.32E-03	7.90E-04	1.81E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
271	4.550E-03	1.15E-03	1.4E-03	1.17E-03	7.00E-04	1.60E-04
272	4.063E-03	1.03E-03	1.2E-03	1.04E-03	6.25E-04	1.43E-04
273	3.653E-03	9.25E-04	1.1E-03	9.36E-04	5.62E-04	1.29E-04
274	3.306E-03	8.37E-04	1.0E-03	8.47E-04	5.09E-04	1.17E-04
275	3.010E-03	7.62E-04	9.1E-04	7.71E-04	4.63E-04	1.06E-04
276	5.285E-03	1.34E-03	1.6E-03	1.35E-03	8.13E-04	1.86E-04
277	4.665E-03	1.18E-03	1.4E-03	1.19E-03	7.18E-04	1.64E-04
278	4.153E-03	1.05E-03	1.3E-03	1.06E-03	6.39E-04	1.46E-04
279	3.725E-03	9.43E-04	1.1E-03	9.54E-04	5.73E-04	1.31E-04
280	3.363E-03	8.51E-04	1.0E-03	8.62E-04	5.17E-04	1.19E-04
281	3.056E-03	7.73E-04	9.2E-04	7.83E-04	4.70E-04	1.08E-04
282	2.791E-03	7.06E-04	8.4E-04	7.16E-04	4.29E-04	9.85E-05
283	4.753E-03	1.20E-03	1.4E-03	1.22E-03	7.31E-04	1.67E-04
284	4.220E-03	1.07E-03	1.3E-03	1.08E-03	6.49E-04	1.49E-04
285	3.777E-03	9.56E-04	1.1E-03	9.68E-04	5.81E-04	1.33E-04
286	3.404E-03	8.62E-04	1.0E-03	8.72E-04	5.24E-04	1.20E-04
287	3.087E-03	7.81E-04	9.3E-04	7.91E-04	4.75E-04	1.09E-04
288	2.816E-03	7.13E-04	8.5E-04	7.22E-04	4.33E-04	9.93E-05
289	2.582E-03	6.53E-04	7.8E-04	6.62E-04	3.97E-04	9.11E-05
290	4.260E-03	1.08E-03	1.3E-03	1.09E-03	6.56E-04	1.50E-04
291	3.806E-03	9.64E-04	1.1E-03	9.75E-04	5.86E-04	1.34E-04
292	3.425E-03	8.67E-04	1.0E-03	8.77E-04	5.27E-04	1.21E-04
293	3.102E-03	7.85E-04	9.4E-04	7.95E-04	4.77E-04	1.09E-04
294	2.826E-03	7.15E-04	8.5E-04	7.24E-04	4.35E-04	9.97E-05
295	2.588E-03	6.55E-04	7.8E-04	6.63E-04	3.98E-04	9.13E-05
296	2.381E-03	6.03E-04	7.2E-04	6.10E-04	3.66E-04	8.40E-05
297	3.817E-03	9.66E-04	1.2E-03	9.77E-04	5.87E-04	1.34E-04
298	3.430E-03	8.68E-04	1.0E-03	8.79E-04	5.28E-04	1.21E-04
299	3.103E-03	7.85E-04	9.4E-04	7.95E-04	4.77E-04	1.09E-04
300	2.823E-03	7.15E-04	8.5E-04	7.24E-04	4.34E-04	9.96E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Cancer Risk from Birth to 2 Years*

Receptor #	Total Per/Million	Site Preparation	Grading	Building construction	Paving	Architectural Coating
301	2.583E-03	6.54E-04	7.8E-04	6.62E-04	3.97E-04	9.11E-05
302	2.375E-03	6.01E-04	7.2E-04	6.09E-04	3.65E-04	8.38E-05
303	2.193E-03	5.55E-04	6.6E-04	5.62E-04	3.37E-04	7.74E-05
304	3.431E-03	8.69E-04	1.0E-03	8.79E-04	5.28E-04	1.21E-04
305	3.100E-03	7.85E-04	9.3E-04	7.94E-04	4.77E-04	1.09E-04
306	2.817E-03	7.13E-04	8.5E-04	7.22E-04	4.33E-04	9.94E-05
307	2.575E-03	6.52E-04	7.8E-04	6.60E-04	3.96E-04	9.08E-05
308	2.365E-03	5.99E-04	7.1E-04	6.06E-04	3.64E-04	8.34E-05
309	2.183E-03	5.52E-04	6.6E-04	5.60E-04	3.36E-04	7.70E-05
310	2.022E-03	5.12E-04	6.1E-04	5.19E-04	3.11E-04	7.14E-05
311	3.110E-03	7.87E-04	9.4E-04	7.97E-04	4.79E-04	1.10E-04
312	2.822E-03	7.14E-04	8.5E-04	7.23E-04	4.34E-04	9.95E-05
313	2.575E-03	6.52E-04	7.8E-04	6.60E-04	3.96E-04	9.08E-05
314	2.362E-03	5.98E-04	7.1E-04	6.06E-04	3.63E-04	8.33E-05
315	2.177E-03	5.51E-04	6.6E-04	5.58E-04	3.35E-04	7.68E-05
316	2.015E-03	5.10E-04	6.1E-04	5.17E-04	3.10E-04	7.11E-05
317	1.873E-03	4.74E-04	5.6E-04	4.80E-04	2.88E-04	6.61E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
1	3.050E-04	7.71E-05	9.18E-05	7.84E-05	4.69E-05	1.08E-05
2	3.204E-04	8.10E-05	9.65E-05	8.24E-05	4.92E-05	1.13E-05
3	3.703E-04	9.38E-05	1.12E-04	9.48E-05	5.70E-05	1.30E-05
4	4.798E-04	1.21E-04	1.45E-04	1.23E-04	7.38E-05	1.69E-05
5	4.949E-04	1.25E-04	1.49E-04	1.27E-04	7.61E-05	1.75E-05
6	5.101E-04	1.29E-04	1.54E-04	1.31E-04	7.85E-05	1.80E-05
7	5.264E-04	1.33E-04	1.59E-04	1.35E-04	8.10E-05	1.86E-05
8	5.445E-04	1.38E-04	1.64E-04	1.40E-04	8.37E-05	1.92E-05
9	5.672E-04	1.44E-04	1.71E-04	1.45E-04	8.73E-05	2.00E-05
10	5.953E-04	1.51E-04	1.80E-04	1.53E-04	9.16E-05	2.10E-05
11	6.298E-04	1.59E-04	1.90E-04	1.61E-04	9.69E-05	2.22E-05
12	6.702E-04	1.70E-04	2.02E-04	1.71E-04	1.03E-04	2.36E-05
13	7.122E-04	1.81E-04	2.15E-04	1.82E-04	1.10E-04	2.50E-05
14	7.606E-04	1.93E-04	2.30E-04	1.94E-04	1.17E-04	2.67E-05
15	8.132E-04	2.06E-04	2.45E-04	2.08E-04	1.25E-04	2.86E-05
16	8.659E-04	2.19E-04	2.61E-04	2.22E-04	1.33E-04	3.05E-05
17	9.078E-04	2.30E-04	2.74E-04	2.32E-04	1.40E-04	3.20E-05
18	9.487E-04	2.40E-04	2.86E-04	2.43E-04	1.46E-04	3.35E-05
19	9.782E-04	2.48E-04	2.95E-04	2.51E-04	1.50E-04	3.45E-05
20	9.946E-04	2.52E-04	3.00E-04	2.55E-04	1.53E-04	3.51E-05
21	9.981E-04	2.52E-04	3.01E-04	2.56E-04	1.53E-04	3.52E-05
22	9.893E-04	2.50E-04	2.98E-04	2.54E-04	1.52E-04	3.49E-05
23	9.696E-04	2.45E-04	2.92E-04	2.49E-04	1.49E-04	3.43E-05
24	9.410E-04	2.38E-04	2.83E-04	2.42E-04	1.45E-04	3.33E-05
25	9.055E-04	2.29E-04	2.73E-04	2.33E-04	1.39E-04	3.20E-05
26	3.350E-04	8.47E-05	1.01E-04	8.61E-05	5.15E-05	1.18E-05
27	3.545E-04	8.98E-05	1.07E-04	9.08E-05	5.46E-05	1.25E-05
28	4.077E-04	1.03E-04	1.23E-04	1.04E-04	6.27E-05	1.44E-05
29	5.450E-04	1.38E-04	1.64E-04	1.40E-04	8.38E-05	1.92E-05
30	5.642E-04	1.43E-04	1.70E-04	1.45E-04	8.68E-05	1.99E-05

Max	Receptor #
0.0320	219



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
31	5.835E-04	1.48E-04	1.76E-04	1.50E-04	8.98E-05	2.06E-05
32	6.041E-04	1.53E-04	1.82E-04	1.55E-04	9.29E-05	2.13E-05
33	6.274E-04	1.59E-04	1.89E-04	1.61E-04	9.65E-05	2.21E-05
34	6.572E-04	1.66E-04	1.98E-04	1.68E-04	1.01E-04	2.32E-05
35	6.945E-04	1.76E-04	2.09E-04	1.78E-04	1.07E-04	2.45E-05
36	7.404E-04	1.88E-04	2.23E-04	1.89E-04	1.14E-04	2.61E-05
37	7.906E-04	2.00E-04	2.39E-04	2.02E-04	1.22E-04	2.78E-05
38	8.449E-04	2.14E-04	2.55E-04	2.16E-04	1.30E-04	2.97E-05
39	9.093E-04	2.31E-04	2.75E-04	2.32E-04	1.40E-04	3.19E-05
40	9.735E-04	2.47E-04	2.94E-04	2.49E-04	1.50E-04	3.43E-05
41	1.031E-03	2.61E-04	3.11E-04	2.64E-04	1.59E-04	3.63E-05
42	1.078E-03	2.73E-04	3.25E-04	2.76E-04	1.66E-04	3.80E-05
43	1.116E-03	2.83E-04	3.37E-04	2.86E-04	1.72E-04	3.94E-05
44	1.138E-03	2.88E-04	3.43E-04	2.92E-04	1.75E-04	4.02E-05
45	1.142E-03	2.89E-04	3.44E-04	2.93E-04	1.76E-04	4.03E-05
46	1.130E-03	2.86E-04	3.40E-04	2.90E-04	1.74E-04	3.99E-05
47	1.103E-03	2.79E-04	3.32E-04	2.83E-04	1.70E-04	3.90E-05
48	1.066E-03	2.70E-04	3.21E-04	2.74E-04	1.64E-04	3.77E-05
49	1.020E-03	2.58E-04	3.07E-04	2.62E-04	1.57E-04	3.61E-05
50	9.685E-04	2.45E-04	2.92E-04	2.49E-04	1.49E-04	3.42E-05
51	3.704E-04	9.37E-05	1.12E-04	9.52E-05	5.69E-05	1.31E-05
52	3.922E-04	9.93E-05	1.18E-04	1.00E-04	6.04E-05	1.38E-05
53	4.513E-04	1.14E-04	1.36E-04	1.15E-04	6.95E-05	1.59E-05
54	6.254E-04	1.58E-04	1.89E-04	1.60E-04	9.62E-05	2.21E-05
55	6.505E-04	1.65E-04	1.96E-04	1.67E-04	1.00E-04	2.29E-05
56	6.753E-04	1.71E-04	2.04E-04	1.73E-04	1.04E-04	2.38E-05
57	7.021E-04	1.78E-04	2.12E-04	1.80E-04	1.08E-04	2.47E-05
58	7.329E-04	1.85E-04	2.21E-04	1.88E-04	1.13E-04	2.59E-05
59	7.726E-04	1.96E-04	2.33E-04	1.98E-04	1.19E-04	2.72E-05
60	8.228E-04	2.08E-04	2.48E-04	2.10E-04	1.27E-04	2.90E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
61	8.849E-04	2.24E-04	2.67E-04	2.26E-04	1.36E-04	3.11E-05
62	9.487E-04	2.41E-04	2.87E-04	2.42E-04	1.46E-04	3.33E-05
63	1.023E-03	2.59E-04	3.09E-04	2.61E-04	1.58E-04	3.59E-05
64	1.104E-03	2.80E-04	3.33E-04	2.83E-04	1.70E-04	3.89E-05
65	1.182E-03	2.99E-04	3.57E-04	3.03E-04	1.82E-04	4.16E-05
66	1.240E-03	3.14E-04	3.74E-04	3.18E-04	1.91E-04	4.37E-05
67	1.287E-03	3.26E-04	3.88E-04	3.30E-04	1.98E-04	4.54E-05
68	1.315E-03	3.33E-04	3.96E-04	3.37E-04	2.02E-04	4.64E-05
69	1.320E-03	3.34E-04	3.98E-04	3.39E-04	2.03E-04	4.66E-05
70	1.304E-03	3.30E-04	3.93E-04	3.35E-04	2.00E-04	4.61E-05
71	1.268E-03	3.21E-04	3.82E-04	3.26E-04	1.95E-04	4.48E-05
72	1.219E-03	3.08E-04	3.67E-04	3.13E-04	1.87E-04	4.31E-05
73	1.159E-03	2.93E-04	3.49E-04	2.98E-04	1.78E-04	4.10E-05
74	1.092E-03	2.76E-04	3.29E-04	2.81E-04	1.68E-04	3.86E-05
75	1.022E-03	2.58E-04	3.08E-04	2.63E-04	1.57E-04	3.61E-05
76	4.124E-04	1.04E-04	1.24E-04	1.06E-04	6.34E-05	1.46E-05
77	4.371E-04	1.11E-04	1.32E-04	1.12E-04	6.73E-05	1.54E-05
78	5.031E-04	1.27E-04	1.52E-04	1.29E-04	7.75E-05	1.77E-05
79	7.264E-04	1.84E-04	2.19E-04	1.86E-04	1.12E-04	2.56E-05
80	7.595E-04	1.92E-04	2.29E-04	1.95E-04	1.17E-04	2.68E-05
81	7.924E-04	2.01E-04	2.39E-04	2.03E-04	1.22E-04	2.79E-05
82	8.279E-04	2.10E-04	2.50E-04	2.12E-04	1.27E-04	2.92E-05
83	8.696E-04	2.20E-04	2.62E-04	2.23E-04	1.34E-04	3.07E-05
84	9.239E-04	2.34E-04	2.79E-04	2.36E-04	1.42E-04	3.25E-05
85	9.932E-04	2.52E-04	3.00E-04	2.54E-04	1.53E-04	3.49E-05
86	1.069E-03	2.71E-04	3.23E-04	2.72E-04	1.65E-04	3.75E-05
87	1.159E-03	2.94E-04	3.50E-04	2.95E-04	1.79E-04	4.06E-05
88	1.263E-03	3.20E-04	3.81E-04	3.22E-04	1.95E-04	4.44E-05
89	1.362E-03	3.45E-04	4.11E-04	3.48E-04	2.10E-04	4.79E-05
90	1.451E-03	3.67E-04	4.38E-04	3.71E-04	2.23E-04	5.11E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
91	1.503E-03	3.80E-04	4.53E-04	3.85E-04	2.31E-04	5.30E-05
92	1.540E-03	3.90E-04	4.64E-04	3.95E-04	2.37E-04	5.44E-05
93	1.546E-03	3.91E-04	4.66E-04	3.97E-04	2.38E-04	5.46E-05
94	1.523E-03	3.85E-04	4.59E-04	3.91E-04	2.34E-04	5.38E-05
95	1.475E-03	3.73E-04	4.44E-04	3.79E-04	2.27E-04	5.21E-05
96	1.408E-03	3.56E-04	4.24E-04	3.62E-04	2.16E-04	4.98E-05
97	1.328E-03	3.36E-04	4.00E-04	3.41E-04	2.04E-04	4.69E-05
98	1.241E-03	3.14E-04	3.74E-04	3.19E-04	1.91E-04	4.39E-05
99	1.151E-03	2.91E-04	3.47E-04	2.96E-04	1.77E-04	4.07E-05
100	1.062E-03	2.68E-04	3.20E-04	2.73E-04	1.63E-04	3.75E-05
101	4.621E-04	1.17E-04	1.39E-04	1.19E-04	7.11E-05	1.63E-05
102	4.891E-04	1.24E-04	1.47E-04	1.26E-04	7.52E-05	1.73E-05
103	5.647E-04	1.43E-04	1.70E-04	1.44E-04	8.69E-05	1.99E-05
104	8.552E-04	2.17E-04	2.58E-04	2.19E-04	1.32E-04	3.01E-05
105	9.002E-04	2.28E-04	2.72E-04	2.31E-04	1.39E-04	3.17E-05
106	9.447E-04	2.39E-04	2.85E-04	2.42E-04	1.45E-04	3.33E-05
107	9.932E-04	2.52E-04	3.00E-04	2.54E-04	1.53E-04	3.50E-05
108	1.051E-03	2.66E-04	3.17E-04	2.69E-04	1.62E-04	3.70E-05
109	1.128E-03	2.86E-04	3.41E-04	2.88E-04	1.74E-04	3.97E-05
110	1.224E-03	3.11E-04	3.70E-04	3.12E-04	1.89E-04	4.29E-05
111	1.324E-03	3.36E-04	4.00E-04	3.37E-04	2.04E-04	4.64E-05
112	1.457E-03	3.70E-04	4.40E-04	3.71E-04	2.25E-04	5.11E-05
113	1.590E-03	4.03E-04	4.80E-04	4.06E-04	2.45E-04	5.59E-05
114	1.709E-03	4.33E-04	5.15E-04	4.38E-04	2.63E-04	6.02E-05
115	1.794E-03	4.54E-04	5.41E-04	4.60E-04	2.76E-04	6.32E-05
116	1.831E-03	4.63E-04	5.52E-04	4.69E-04	2.82E-04	6.46E-05
117	1.838E-03	4.65E-04	5.54E-04	4.72E-04	2.83E-04	6.49E-05
118	1.805E-03	4.56E-04	5.44E-04	4.64E-04	2.77E-04	6.38E-05
119	1.737E-03	4.39E-04	5.23E-04	4.46E-04	2.67E-04	6.14E-05
120	1.645E-03	4.16E-04	4.95E-04	4.23E-04	2.53E-04	5.82E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
121	1.537E-03	3.88E-04	4.63E-04	3.95E-04	2.36E-04	5.43E-05
122	1.421E-03	3.59E-04	4.28E-04	3.65E-04	2.18E-04	5.03E-05
123	1.304E-03	3.30E-04	3.93E-04	3.35E-04	2.00E-04	4.61E-05
124	1.191E-03	3.01E-04	3.59E-04	3.06E-04	1.83E-04	4.21E-05
125	5.216E-04	1.32E-04	1.57E-04	1.34E-04	8.02E-05	1.84E-05
126	5.560E-04	1.41E-04	1.68E-04	1.42E-04	8.56E-05	1.96E-05
127	6.381E-04	1.62E-04	1.93E-04	1.63E-04	9.83E-05	2.25E-05
128	1.086E-03	2.75E-04	3.28E-04	2.78E-04	1.67E-04	3.82E-05
129	1.148E-03	2.91E-04	3.46E-04	2.94E-04	1.77E-04	4.04E-05
130	1.216E-03	3.08E-04	3.67E-04	3.11E-04	1.87E-04	4.28E-05
131	1.300E-03	3.29E-04	3.92E-04	3.32E-04	2.00E-04	4.57E-05
132	1.413E-03	3.58E-04	4.27E-04	3.60E-04	2.18E-04	4.96E-05
133	1.543E-03	3.92E-04	4.67E-04	3.92E-04	2.38E-04	5.40E-05
134	1.697E-03	4.31E-04	5.13E-04	4.31E-04	2.62E-04	5.94E-05
135	1.877E-03	4.76E-04	5.67E-04	4.78E-04	2.90E-04	6.58E-05
136	2.044E-03	5.18E-04	6.17E-04	5.23E-04	3.15E-04	7.19E-05
137	2.167E-03	5.49E-04	6.54E-04	5.55E-04	3.34E-04	7.63E-05
138	2.223E-03	5.63E-04	6.70E-04	5.70E-04	3.42E-04	7.84E-05
139	2.225E-03	5.63E-04	6.70E-04	5.71E-04	3.42E-04	7.86E-05
140	2.175E-03	5.50E-04	6.55E-04	5.59E-04	3.34E-04	7.69E-05
141	2.077E-03	5.25E-04	6.26E-04	5.34E-04	3.19E-04	7.35E-05
142	1.947E-03	4.92E-04	5.86E-04	5.01E-04	2.99E-04	6.89E-05
143	1.798E-03	4.55E-04	5.41E-04	4.62E-04	2.76E-04	6.36E-05
144	1.643E-03	4.15E-04	4.95E-04	4.22E-04	2.52E-04	5.81E-05
145	1.489E-03	3.76E-04	4.48E-04	3.83E-04	2.29E-04	5.27E-05
146	1.343E-03	3.40E-04	4.04E-04	3.45E-04	2.06E-04	4.75E-05
147	5.924E-04	1.50E-04	1.79E-04	1.52E-04	9.11E-05	2.09E-05
148	6.341E-04	1.60E-04	1.91E-04	1.63E-04	9.75E-05	2.24E-05
149	7.269E-04	1.84E-04	2.19E-04	1.86E-04	1.12E-04	2.56E-05
150	1.338E-03	3.39E-04	4.04E-04	3.42E-04	2.06E-04	4.71E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
151	1.428E-03	3.62E-04	4.31E-04	3.65E-04	2.20E-04	5.02E-05
152	1.526E-03	3.87E-04	4.60E-04	3.90E-04	2.35E-04	5.37E-05
153	1.654E-03	4.19E-04	5.00E-04	4.22E-04	2.55E-04	5.80E-05
154	1.826E-03	4.64E-04	5.52E-04	4.64E-04	2.82E-04	6.39E-05
155	2.003E-03	5.09E-04	6.06E-04	5.08E-04	3.09E-04	7.00E-05
156	2.247E-03	5.71E-04	6.80E-04	5.71E-04	3.47E-04	7.86E-05
157	2.486E-03	6.31E-04	7.51E-04	6.33E-04	3.83E-04	8.72E-05
158	2.669E-03	6.76E-04	8.06E-04	6.82E-04	4.11E-04	9.39E-05
159	2.761E-03	6.99E-04	8.33E-04	7.07E-04	4.25E-04	9.73E-05
160	2.754E-03	6.97E-04	8.30E-04	7.07E-04	4.23E-04	9.73E-05
161	2.675E-03	6.76E-04	8.06E-04	6.87E-04	4.11E-04	9.46E-05
162	2.530E-03	6.39E-04	7.62E-04	6.51E-04	3.89E-04	8.95E-05
163	2.340E-03	5.92E-04	7.05E-04	6.02E-04	3.60E-04	8.28E-05
164	2.131E-03	5.39E-04	6.41E-04	5.48E-04	3.27E-04	7.54E-05
165	1.917E-03	4.85E-04	5.77E-04	4.93E-04	2.95E-04	6.78E-05
166	1.712E-03	4.33E-04	5.16E-04	4.40E-04	2.63E-04	6.06E-05
167	1.522E-03	3.85E-04	4.59E-04	3.91E-04	2.34E-04	5.38E-05
168	1.351E-03	3.42E-04	4.07E-04	3.47E-04	2.08E-04	4.77E-05
169	6.762E-04	1.71E-04	2.04E-04	1.73E-04	1.04E-04	2.39E-05
170	7.302E-04	1.85E-04	2.20E-04	1.87E-04	1.12E-04	2.58E-05
171	8.322E-04	2.11E-04	2.51E-04	2.13E-04	1.28E-04	2.94E-05
172	9.150E-04	2.32E-04	2.76E-04	2.34E-04	1.41E-04	3.21E-05
173	1.693E-03	4.29E-04	5.11E-04	4.33E-04	2.61E-04	5.95E-05
174	1.828E-03	4.63E-04	5.52E-04	4.66E-04	2.82E-04	6.42E-05
175	1.977E-03	5.01E-04	5.97E-04	5.04E-04	3.05E-04	6.94E-05
176	2.180E-03	5.54E-04	6.60E-04	5.54E-04	3.37E-04	7.62E-05
177	2.441E-03	6.21E-04	7.40E-04	6.18E-04	3.77E-04	8.50E-05
178	2.731E-03	6.95E-04	8.27E-04	6.91E-04	4.22E-04	9.51E-05
179	3.080E-03	7.82E-04	9.32E-04	7.82E-04	4.76E-04	1.08E-04
180	3.365E-03	8.54E-04	1.02E-03	8.58E-04	5.19E-04	1.18E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
181	3.517E-03	8.91E-04	1.06E-03	9.00E-04	5.41E-04	1.24E-04
182	3.506E-03	8.87E-04	1.06E-03	9.00E-04	5.39E-04	1.24E-04
183	1.984E-03	5.02E-04	5.97E-04	5.10E-04	3.05E-04	7.02E-05
184	1.735E-03	4.39E-04	5.23E-04	4.46E-04	2.67E-04	6.13E-05
185	8.454E-04	2.14E-04	2.55E-04	2.17E-04	1.30E-04	2.98E-05
186	9.511E-04	2.41E-04	2.87E-04	2.44E-04	1.46E-04	3.35E-05
187	1.073E-03	2.72E-04	3.24E-04	2.74E-04	1.65E-04	3.77E-05
188	2.213E-03	5.61E-04	6.69E-04	5.64E-04	3.41E-04	7.77E-05
189	2.428E-03	6.16E-04	7.34E-04	6.18E-04	3.74E-04	8.51E-05
190	2.669E-03	6.78E-04	8.08E-04	6.78E-04	4.12E-04	9.33E-05
191	3.005E-03	7.65E-04	9.11E-04	7.60E-04	4.65E-04	1.05E-04
192	3.399E-03	8.66E-04	1.03E-03	8.57E-04	5.26E-04	1.18E-04
193	3.908E-03	9.95E-04	1.18E-03	9.88E-04	6.05E-04	1.36E-04
194	4.371E-03	1.11E-03	1.32E-03	1.11E-03	6.75E-04	1.53E-04
195	4.629E-03	1.17E-03	1.40E-03	1.18E-03	7.13E-04	1.63E-04
196	4.633E-03	1.17E-03	1.40E-03	1.19E-03	7.12E-04	1.64E-04
197	4.404E-03	1.11E-03	1.33E-03	1.13E-03	6.76E-04	1.56E-04
198	1.107E-03	2.80E-04	3.34E-04	2.83E-04	1.70E-04	3.90E-05
199	1.269E-03	3.21E-04	3.83E-04	3.24E-04	1.95E-04	4.46E-05
200	1.281E-03	3.25E-04	3.87E-04	3.27E-04	1.97E-04	4.50E-05
201	1.499E-03	3.80E-04	4.52E-04	3.84E-04	2.31E-04	5.29E-05
202	1.745E-03	4.43E-04	5.28E-04	4.44E-04	2.69E-04	6.11E-05
203	1.774E-03	4.49E-04	5.35E-04	4.54E-04	2.73E-04	6.25E-05
204	2.143E-03	5.43E-04	6.47E-04	5.47E-04	3.30E-04	7.53E-05
205	2.595E-03	6.60E-04	7.86E-04	6.58E-04	4.01E-04	9.05E-05
206	2.598E-03	6.58E-04	7.84E-04	6.64E-04	4.00E-04	9.14E-05
207	3.304E-03	8.40E-04	1.00E-03	8.38E-04	5.11E-04	1.15E-04
208	4.260E-03	1.09E-03	1.29E-03	1.07E-03	6.60E-04	1.47E-04
209	3.134E-03	7.95E-04	9.46E-04	8.00E-04	4.83E-04	1.10E-04
210	4.160E-03	1.06E-03	1.26E-03	1.06E-03	6.42E-04	1.46E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
211	5.727E-03	1.46E-03	1.74E-03	1.44E-03	8.89E-04	1.98E-04
212	5.172E-03	1.31E-03	1.56E-03	1.31E-03	7.98E-04	1.81E-04
213	7.599E-03	1.94E-03	2.31E-03	1.92E-03	1.18E-03	2.64E-04
214	1.197E-02	3.08E-03	3.67E-03	2.93E-03	1.87E-03	4.04E-04
215	6.300E-03	1.60E-03	1.91E-03	1.60E-03	9.72E-04	2.21E-04
216	9.610E-03	2.44E-03	2.91E-03	2.43E-03	1.49E-03	3.35E-04
217	1.607E-02	4.13E-03	4.92E-03	3.97E-03	2.51E-03	5.46E-04
218	1.805E-02	4.58E-03	5.46E-03	4.59E-03	2.79E-03	6.32E-04
219	3.202E-02	8.13E-03	9.68E-03	8.15E-03	4.94E-03	1.12E-03
220	1.644E-02	4.14E-03	4.93E-03	4.27E-03	2.52E-03	5.87E-04
221	2.462E-02	6.21E-03	7.40E-03	6.36E-03	3.77E-03	8.76E-04
222	1.277E-02	3.21E-03	3.83E-03	3.31E-03	1.95E-03	4.56E-04
223	1.642E-02	4.15E-03	4.95E-03	4.21E-03	2.53E-03	5.79E-04
224	1.940E-02	4.95E-03	5.89E-03	4.88E-03	3.01E-03	6.72E-04
225	1.054E-02	2.67E-03	3.18E-03	2.69E-03	1.62E-03	3.70E-04
226	1.107E-02	2.82E-03	3.36E-03	2.79E-03	1.71E-03	3.84E-04
227	4.499E-04	1.14E-04	1.36E-04	1.15E-04	6.92E-05	1.59E-05
228	4.076E-04	1.03E-04	1.23E-04	1.04E-04	6.27E-05	1.44E-05
229	3.711E-04	9.39E-05	1.12E-04	9.52E-05	5.71E-05	1.31E-05
230	3.396E-04	8.59E-05	1.02E-04	8.71E-05	5.22E-05	1.20E-05
231	4.196E-04	1.06E-04	1.26E-04	1.08E-04	6.45E-05	1.48E-05
232	3.821E-04	9.67E-05	1.15E-04	9.80E-05	5.88E-05	1.35E-05
233	3.495E-04	8.84E-05	1.05E-04	8.96E-05	5.37E-05	1.23E-05
234	3.210E-04	8.12E-05	9.67E-05	8.23E-05	4.94E-05	1.13E-05
235	3.915E-04	9.91E-05	1.18E-04	1.00E-04	6.02E-05	1.38E-05
236	3.587E-04	9.08E-05	1.08E-04	9.20E-05	5.52E-05	1.27E-05
237	3.298E-04	8.34E-05	9.94E-05	8.46E-05	5.07E-05	1.16E-05
238	3.042E-04	7.69E-05	9.17E-05	7.80E-05	4.68E-05	1.07E-05
239	2.023E-03	5.14E-04	6.12E-04	5.14E-04	3.12E-04	7.07E-05
240	1.817E-03	4.61E-04	5.50E-04	4.62E-04	2.80E-04	6.36E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectoral Coating
241	1.641E-03	4.16E-04	4.96E-04	4.18E-04	2.53E-04	5.75E-05
242	1.488E-03	3.78E-04	4.50E-04	3.79E-04	2.30E-04	5.22E-05
243	1.838E-03	4.67E-04	5.56E-04	4.68E-04	2.84E-04	6.44E-05
244	1.663E-03	4.22E-04	5.03E-04	4.24E-04	2.56E-04	5.83E-05
245	1.511E-03	3.83E-04	4.56E-04	3.85E-04	2.33E-04	5.30E-05
246	1.377E-03	3.49E-04	4.16E-04	3.51E-04	2.12E-04	4.83E-05
247	1.676E-03	4.25E-04	5.07E-04	4.27E-04	2.59E-04	5.88E-05
248	1.526E-03	3.87E-04	4.61E-04	3.89E-04	2.35E-04	5.35E-05
249	1.394E-03	3.53E-04	4.21E-04	3.56E-04	2.15E-04	4.89E-05
250	1.277E-03	3.24E-04	3.86E-04	3.26E-04	1.97E-04	4.49E-05
251	8.342E-04	2.11E-04	2.52E-04	2.13E-04	1.28E-04	2.94E-05
252	7.817E-04	1.98E-04	2.36E-04	2.00E-04	1.20E-04	2.75E-05
253	9.536E-04	2.42E-04	2.88E-04	2.44E-04	1.47E-04	3.36E-05
254	8.912E-04	2.26E-04	2.69E-04	2.28E-04	1.37E-04	3.14E-05
255	7.830E-04	1.98E-04	2.36E-04	2.00E-04	1.21E-04	2.76E-05
256	7.358E-04	1.86E-04	2.22E-04	1.88E-04	1.13E-04	2.59E-05
257	6.175E-04	1.56E-04	1.86E-04	1.58E-04	9.50E-05	2.18E-05
258	8.886E-04	2.25E-04	2.68E-04	2.27E-04	1.37E-04	3.13E-05
259	8.328E-04	2.11E-04	2.51E-04	2.13E-04	1.28E-04	2.93E-05
260	7.818E-04	1.98E-04	2.36E-04	2.00E-04	1.20E-04	2.75E-05
261	7.354E-04	1.86E-04	2.22E-04	1.88E-04	1.13E-04	2.59E-05
262	6.931E-04	1.75E-04	2.09E-04	1.78E-04	1.07E-04	2.44E-05
263	5.861E-04	1.48E-04	1.77E-04	1.50E-04	9.02E-05	2.07E-05
264	7.793E-04	1.97E-04	2.35E-04	1.99E-04	1.20E-04	2.75E-05
265	7.336E-04	1.86E-04	2.21E-04	1.88E-04	1.13E-04	2.58E-05
266	6.917E-04	1.75E-04	2.09E-04	1.77E-04	1.06E-04	2.44E-05
267	6.533E-04	1.65E-04	1.97E-04	1.67E-04	1.01E-04	2.30E-05
268	5.565E-04	1.41E-04	1.68E-04	1.43E-04	8.56E-05	1.96E-05
269	8.665E-04	2.19E-04	2.61E-04	2.22E-04	1.33E-04	3.05E-05
270	7.609E-04	1.93E-04	2.29E-04	1.95E-04	1.17E-04	2.68E-05



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
271	6.741E-04	1.71E-04	2.03E-04	1.73E-04	1.04E-04	2.38E-05
272	6.019E-04	1.52E-04	1.82E-04	1.54E-04	9.26E-05	2.12E-05
273	5.412E-04	1.37E-04	1.63E-04	1.39E-04	8.33E-05	1.91E-05
274	4.898E-04	1.24E-04	1.48E-04	1.26E-04	7.54E-05	1.73E-05
275	4.459E-04	1.13E-04	1.34E-04	1.14E-04	6.86E-05	1.57E-05
276	7.830E-04	1.98E-04	2.36E-04	2.00E-04	1.21E-04	2.76E-05
277	6.912E-04	1.75E-04	2.08E-04	1.77E-04	1.06E-04	2.44E-05
278	6.153E-04	1.56E-04	1.86E-04	1.58E-04	9.47E-05	2.17E-05
279	5.519E-04	1.40E-04	1.66E-04	1.41E-04	8.49E-05	1.95E-05
280	4.983E-04	1.26E-04	1.50E-04	1.28E-04	7.67E-05	1.76E-05
281	4.527E-04	1.15E-04	1.36E-04	1.16E-04	6.96E-05	1.60E-05
282	4.136E-04	1.05E-04	1.25E-04	1.06E-04	6.36E-05	1.46E-05
283	7.041E-04	1.78E-04	2.12E-04	1.80E-04	1.08E-04	2.48E-05
284	6.252E-04	1.58E-04	1.89E-04	1.60E-04	9.62E-05	2.20E-05
285	5.596E-04	1.42E-04	1.69E-04	1.43E-04	8.61E-05	1.97E-05
286	5.043E-04	1.28E-04	1.52E-04	1.29E-04	7.76E-05	1.78E-05
287	4.574E-04	1.16E-04	1.38E-04	1.17E-04	7.04E-05	1.61E-05
288	4.172E-04	1.06E-04	1.26E-04	1.07E-04	6.42E-05	1.47E-05
289	3.825E-04	9.68E-05	1.15E-04	9.80E-05	5.88E-05	1.35E-05
290	6.311E-04	1.60E-04	1.90E-04	1.62E-04	9.71E-05	2.22E-05
291	5.639E-04	1.43E-04	1.70E-04	1.44E-04	8.68E-05	1.99E-05
292	5.074E-04	1.28E-04	1.53E-04	1.30E-04	7.81E-05	1.79E-05
293	4.595E-04	1.16E-04	1.39E-04	1.18E-04	7.07E-05	1.62E-05
294	4.186E-04	1.06E-04	1.26E-04	1.07E-04	6.44E-05	1.48E-05
295	3.834E-04	9.70E-05	1.16E-04	9.83E-05	5.90E-05	1.35E-05
296	3.528E-04	8.93E-05	1.06E-04	9.04E-05	5.43E-05	1.24E-05
297	5.654E-04	1.43E-04	1.71E-04	1.45E-04	8.70E-05	1.99E-05
298	5.082E-04	1.29E-04	1.53E-04	1.30E-04	7.82E-05	1.79E-05
299	4.597E-04	1.16E-04	1.39E-04	1.18E-04	7.07E-05	1.62E-05
300	4.183E-04	1.06E-04	1.26E-04	1.07E-04	6.43E-05	1.48E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Risk Summary**

*Chronic Non Cancer Risk*

Receptor #	Max Chronic	Site Preparation	Grading	Building construction	Paving	Architectural Coating
301	3.827E-04	9.69E-05	1.15E-04	9.81E-05	5.89E-05	1.35E-05
302	3.519E-04	8.90E-05	1.06E-04	9.02E-05	5.41E-05	1.24E-05
303	3.249E-04	8.22E-05	9.79E-05	8.33E-05	5.00E-05	1.15E-05
304	5.082E-04	1.29E-04	1.53E-04	1.30E-04	7.82E-05	1.79E-05
305	4.592E-04	1.16E-04	1.38E-04	1.18E-04	7.07E-05	1.62E-05
306	4.174E-04	1.06E-04	1.26E-04	1.07E-04	6.42E-05	1.47E-05
307	3.815E-04	9.66E-05	1.15E-04	9.78E-05	5.87E-05	1.35E-05
308	3.504E-04	8.87E-05	1.06E-04	8.98E-05	5.39E-05	1.24E-05
309	3.234E-04	8.18E-05	9.75E-05	8.29E-05	4.97E-05	1.14E-05
310	2.996E-04	7.58E-05	9.03E-05	7.68E-05	4.61E-05	1.06E-05
311	4.608E-04	1.17E-04	1.39E-04	1.18E-04	7.09E-05	1.62E-05
312	4.180E-04	1.06E-04	1.26E-04	1.07E-04	6.43E-05	1.47E-05
313	3.815E-04	9.66E-05	1.15E-04	9.78E-05	5.87E-05	1.35E-05
314	3.500E-04	8.86E-05	1.06E-04	8.97E-05	5.38E-05	1.23E-05
315	3.225E-04	8.16E-05	9.72E-05	8.27E-05	4.96E-05	1.14E-05
316	2.986E-04	7.56E-05	9.00E-05	7.66E-05	4.59E-05	1.05E-05
317	2.775E-04	7.02E-05	8.36E-05	7.12E-05	4.27E-05	9.79E-06

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Parcel 9-D: Unmitigated - Parcel 9 - Site Preparation Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

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**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years		Constant 2	Risk/ Million	REL
				Constant	Dose	Constant	Risk			
1	0.0603	6.39E-03	3.9E-04	1.05E-03	4.03E-07	1.29E-03	5.20E-10	1.0E+06	5.2E-04	5
2	0.06335	6.39E-03	4.1E-04	1.05E-03	4.23E-07	1.29E-03	5.47E-10	1.0E+06	5.5E-04	5
3	0.07334	6.39E-03	4.7E-04	1.05E-03	4.90E-07	1.29E-03	6.33E-10	1.0E+06	6.3E-04	5
4	0.09496	6.39E-03	6.1E-04	1.05E-03	6.35E-07	1.29E-03	8.20E-10	1.0E+06	8.2E-04	5
5	0.09796	6.39E-03	6.3E-04	1.05E-03	6.55E-07	1.29E-03	8.45E-10	1.0E+06	8.5E-04	5
6	0.10096	6.39E-03	6.5E-04	1.05E-03	6.75E-07	1.29E-03	8.71E-10	1.0E+06	8.7E-04	5
7	0.10419	6.39E-03	6.7E-04	1.05E-03	6.96E-07	1.29E-03	8.99E-10	1.0E+06	9.0E-04	5
8	0.10773	6.39E-03	6.9E-04	1.05E-03	7.20E-07	1.29E-03	9.30E-10	1.0E+06	9.3E-04	5
9	0.11227	6.39E-03	7.2E-04	1.05E-03	7.50E-07	1.29E-03	9.69E-10	1.0E+06	9.7E-04	5
10	0.11787	6.39E-03	7.5E-04	1.05E-03	7.88E-07	1.29E-03	1.02E-09	1.0E+06	1.0E-03	5
11	0.12474	6.39E-03	8.0E-04	1.05E-03	8.34E-07	1.29E-03	1.08E-09	1.0E+06	1.1E-03	5
12	0.1328	6.39E-03	8.5E-04	1.05E-03	8.87E-07	1.29E-03	1.15E-09	1.0E+06	1.1E-03	5
13	0.1412	6.39E-03	9.0E-04	1.05E-03	9.44E-07	1.29E-03	1.22E-09	1.0E+06	1.2E-03	5
14	0.15082	6.39E-03	9.6E-04	1.05E-03	1.01E-06	1.29E-03	1.30E-09	1.0E+06	1.3E-03	5
15	0.16114	6.39E-03	1.0E-03	1.05E-03	1.08E-06	1.29E-03	1.39E-09	1.0E+06	1.4E-03	5
16	0.17146	6.39E-03	1.1E-03	1.05E-03	1.15E-06	1.29E-03	1.48E-09	1.0E+06	1.5E-03	5
17	0.17976	6.39E-03	1.1E-03	1.05E-03	1.20E-06	1.29E-03	1.55E-09	1.0E+06	1.6E-03	5
18	0.18782	6.39E-03	1.2E-03	1.05E-03	1.26E-06	1.29E-03	1.62E-09	1.0E+06	1.6E-03	5
19	0.1936	6.39E-03	1.2E-03	1.05E-03	1.29E-06	1.29E-03	1.67E-09	1.0E+06	1.7E-03	5
20	0.19681	6.39E-03	1.3E-03	1.05E-03	1.32E-06	1.29E-03	1.70E-09	1.0E+06	1.7E-03	5
21	0.19746	6.39E-03	1.3E-03	1.05E-03	1.32E-06	1.29E-03	1.70E-09	1.0E+06	1.7E-03	5
22	0.19569	6.39E-03	1.3E-03	1.05E-03	1.31E-06	1.29E-03	1.69E-09	1.0E+06	1.7E-03	5
23	0.19179	6.39E-03	1.2E-03	1.05E-03	1.28E-06	1.29E-03	1.66E-09	1.0E+06	1.7E-03	5
24	0.18612	6.39E-03	1.2E-03	1.05E-03	1.24E-06	1.29E-03	1.61E-09	1.0E+06	1.6E-03	5
25	0.17909	6.39E-03	1.1E-03	1.05E-03	1.20E-06	1.29E-03	1.55E-09	1.0E+06	1.5E-03	5
26	0.06624	6.39E-03	4.2E-04	1.05E-03	4.43E-07	1.29E-03	5.72E-10	1.0E+06	5.7E-04	5
27	0.07021	6.39E-03	4.5E-04	1.05E-03	4.69E-07	1.29E-03	6.06E-10	1.0E+06	6.1E-04	5
28	0.08074	6.39E-03	5.2E-04	1.05E-03	5.40E-07	1.29E-03	6.97E-10	1.0E+06	7.0E-04	5
29	0.10787	6.39E-03	6.9E-04	1.05E-03	7.21E-07	1.29E-03	9.31E-10	1.0E+06	9.3E-04	5
30	0.11168	6.39E-03	7.1E-04	1.05E-03	7.46E-07	1.29E-03	9.64E-10	1.0E+06	9.6E-04	5
31	0.11549	6.39E-03	7.4E-04	1.05E-03	7.72E-07	1.29E-03	9.97E-10	1.0E+06	1.0E-03	5

Max	Receptor #
0.055	219

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
32	0.11958	6.39E-03	7.6E-04	1.05E-03	7.99E-07	1.29E-03	1.03E-09	1.0E+06	1.0E-03	5
33	0.12417	6.39E-03	7.9E-04	1.05E-03	8.30E-07	1.29E-03	1.07E-09	1.0E+06	1.1E-03	5
34	0.13011	6.39E-03	8.3E-04	1.05E-03	8.69E-07	1.29E-03	1.12E-09	1.0E+06	1.1E-03	5
35	0.13755	6.39E-03	8.8E-04	1.05E-03	9.19E-07	1.29E-03	1.19E-09	1.0E+06	1.2E-03	5
36	0.1467	6.39E-03	9.4E-04	1.05E-03	9.80E-07	1.29E-03	1.27E-09	1.0E+06	1.3E-03	5
37	0.15676	6.39E-03	1.0E-03	1.05E-03	1.05E-06	1.29E-03	1.35E-09	1.0E+06	1.4E-03	5
38	0.16755	6.39E-03	1.1E-03	1.05E-03	1.12E-06	1.29E-03	1.45E-09	1.0E+06	1.4E-03	5
39	0.18035	6.39E-03	1.2E-03	1.05E-03	1.21E-06	1.29E-03	1.56E-09	1.0E+06	1.6E-03	5
40	0.19284	6.39E-03	1.2E-03	1.05E-03	1.29E-06	1.29E-03	1.66E-09	1.0E+06	1.7E-03	5
41	0.20431	6.39E-03	1.3E-03	1.05E-03	1.37E-06	1.29E-03	1.76E-09	1.0E+06	1.8E-03	5
42	0.21345	6.39E-03	1.4E-03	1.05E-03	1.43E-06	1.29E-03	1.84E-09	1.0E+06	1.8E-03	5
43	0.22097	6.39E-03	1.4E-03	1.05E-03	1.48E-06	1.29E-03	1.91E-09	1.0E+06	1.9E-03	5
44	0.22513	6.39E-03	1.4E-03	1.05E-03	1.50E-06	1.29E-03	1.94E-09	1.0E+06	1.9E-03	5
45	0.22587	6.39E-03	1.4E-03	1.05E-03	1.51E-06	1.29E-03	1.95E-09	1.0E+06	1.9E-03	5
46	0.22344	6.39E-03	1.4E-03	1.05E-03	1.49E-06	1.29E-03	1.93E-09	1.0E+06	1.9E-03	5
47	0.21825	6.39E-03	1.4E-03	1.05E-03	1.46E-06	1.29E-03	1.88E-09	1.0E+06	1.9E-03	5
48	0.21084	6.39E-03	1.3E-03	1.05E-03	1.41E-06	1.29E-03	1.82E-09	1.0E+06	1.8E-03	5
49	0.20176	6.39E-03	1.3E-03	1.05E-03	1.35E-06	1.29E-03	1.74E-09	1.0E+06	1.7E-03	5
50	0.19154	6.39E-03	1.2E-03	1.05E-03	1.28E-06	1.29E-03	1.65E-09	1.0E+06	1.7E-03	5
51	0.07326	6.39E-03	4.7E-04	1.05E-03	4.90E-07	1.29E-03	6.32E-10	1.0E+06	6.3E-04	5
52	0.07766	6.39E-03	5.0E-04	1.05E-03	5.19E-07	1.29E-03	6.70E-10	1.0E+06	6.7E-04	5
53	0.0894	6.39E-03	5.7E-04	1.05E-03	5.97E-07	1.29E-03	7.72E-10	1.0E+06	7.7E-04	5
54	0.12381	6.39E-03	7.9E-04	1.05E-03	8.27E-07	1.29E-03	1.07E-09	1.0E+06	1.1E-03	5
55	0.12876	6.39E-03	8.2E-04	1.05E-03	8.60E-07	1.29E-03	1.11E-09	1.0E+06	1.1E-03	5
56	0.13368	6.39E-03	8.5E-04	1.05E-03	8.93E-07	1.29E-03	1.15E-09	1.0E+06	1.2E-03	5
57	0.139	6.39E-03	8.9E-04	1.05E-03	9.29E-07	1.29E-03	1.20E-09	1.0E+06	1.2E-03	5
58	0.14507	6.39E-03	9.3E-04	1.05E-03	9.69E-07	1.29E-03	1.25E-09	1.0E+06	1.3E-03	5
59	0.15299	6.39E-03	9.8E-04	1.05E-03	1.02E-06	1.29E-03	1.32E-09	1.0E+06	1.3E-03	5
60	0.16303	6.39E-03	1.0E-03	1.05E-03	1.09E-06	1.29E-03	1.41E-09	1.0E+06	1.4E-03	5
61	0.17541	6.39E-03	1.1E-03	1.05E-03	1.17E-06	1.29E-03	1.51E-09	1.0E+06	1.5E-03	5
62	0.18819	6.39E-03	1.2E-03	1.05E-03	1.26E-06	1.29E-03	1.62E-09	1.0E+06	1.6E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
63	0.20292	6.39E-03	1.3E-03	1.05E-03	1.36E-06	1.29E-03	1.75E-09	1.0E+06	1.8E-03	5
64	0.21878	6.39E-03	1.4E-03	1.05E-03	1.46E-06	1.29E-03	1.89E-09	1.0E+06	1.9E-03	5
65	0.23412	6.39E-03	1.5E-03	1.05E-03	1.56E-06	1.29E-03	2.02E-09	1.0E+06	2.0E-03	5
66	0.24561	6.39E-03	1.6E-03	1.05E-03	1.64E-06	1.29E-03	2.12E-09	1.0E+06	2.1E-03	5
67	0.2548	6.39E-03	1.6E-03	1.05E-03	1.70E-06	1.29E-03	2.20E-09	1.0E+06	2.2E-03	5
68	0.26029	6.39E-03	1.7E-03	1.05E-03	1.74E-06	1.29E-03	2.25E-09	1.0E+06	2.2E-03	5
69	0.26122	6.39E-03	1.7E-03	1.05E-03	1.75E-06	1.29E-03	2.25E-09	1.0E+06	2.3E-03	5
70	0.25788	6.39E-03	1.6E-03	1.05E-03	1.72E-06	1.29E-03	2.23E-09	1.0E+06	2.2E-03	5
71	0.25087	6.39E-03	1.6E-03	1.05E-03	1.68E-06	1.29E-03	2.17E-09	1.0E+06	2.2E-03	5
72	0.24102	6.39E-03	1.5E-03	1.05E-03	1.61E-06	1.29E-03	2.08E-09	1.0E+06	2.1E-03	5
73	0.22913	6.39E-03	1.5E-03	1.05E-03	1.53E-06	1.29E-03	1.98E-09	1.0E+06	2.0E-03	5
74	0.21595	6.39E-03	1.4E-03	1.05E-03	1.44E-06	1.29E-03	1.86E-09	1.0E+06	1.9E-03	5
75	0.20213	6.39E-03	1.3E-03	1.05E-03	1.35E-06	1.29E-03	1.74E-09	1.0E+06	1.7E-03	5
76	0.08157	6.39E-03	5.2E-04	1.05E-03	5.45E-07	1.29E-03	7.04E-10	1.0E+06	7.0E-04	5
77	0.08655	6.39E-03	5.5E-04	1.05E-03	5.78E-07	1.29E-03	7.47E-10	1.0E+06	7.5E-04	5
78	0.09966	6.39E-03	6.4E-04	1.05E-03	6.66E-07	1.29E-03	8.60E-10	1.0E+06	8.6E-04	5
79	0.14381	6.39E-03	9.2E-04	1.05E-03	9.61E-07	1.29E-03	1.24E-09	1.0E+06	1.2E-03	5
80	0.15036	6.39E-03	9.6E-04	1.05E-03	1.00E-06	1.29E-03	1.30E-09	1.0E+06	1.3E-03	5
81	0.15689	6.39E-03	1.0E-03	1.05E-03	1.05E-06	1.29E-03	1.35E-09	1.0E+06	1.4E-03	5
82	0.16396	6.39E-03	1.0E-03	1.05E-03	1.10E-06	1.29E-03	1.42E-09	1.0E+06	1.4E-03	5
83	0.17219	6.39E-03	1.1E-03	1.05E-03	1.15E-06	1.29E-03	1.49E-09	1.0E+06	1.5E-03	5
84	0.18305	6.39E-03	1.2E-03	1.05E-03	1.22E-06	1.29E-03	1.58E-09	1.0E+06	1.6E-03	5
85	0.19688	6.39E-03	1.3E-03	1.05E-03	1.32E-06	1.29E-03	1.70E-09	1.0E+06	1.7E-03	5
86	0.21211	6.39E-03	1.4E-03	1.05E-03	1.42E-06	1.29E-03	1.83E-09	1.0E+06	1.8E-03	5
87	0.22999	6.39E-03	1.5E-03	1.05E-03	1.54E-06	1.29E-03	1.98E-09	1.0E+06	2.0E-03	5
88	0.25043	6.39E-03	1.6E-03	1.05E-03	1.67E-06	1.29E-03	2.16E-09	1.0E+06	2.2E-03	5
89	0.26997	6.39E-03	1.7E-03	1.05E-03	1.80E-06	1.29E-03	2.33E-09	1.0E+06	2.3E-03	5
90	0.28726	6.39E-03	1.8E-03	1.05E-03	1.92E-06	1.29E-03	2.48E-09	1.0E+06	2.5E-03	5
91	0.29757	6.39E-03	1.9E-03	1.05E-03	1.99E-06	1.29E-03	2.57E-09	1.0E+06	2.6E-03	5
92	0.30479	6.39E-03	1.9E-03	1.05E-03	2.04E-06	1.29E-03	2.63E-09	1.0E+06	2.6E-03	5
93	0.30591	6.39E-03	2.0E-03	1.05E-03	2.04E-06	1.29E-03	2.64E-09	1.0E+06	2.6E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	<i>Cancer Risk from Birth to 2 Years</i>					Risk/ Million	REL
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		
94	0.30122	6.39E-03	1.9E-03	1.05E-03	2.01E-06	1.29E-03	2.60E-09	1.0E+06	2.6E-03	5
95	0.29164	6.39E-03	1.9E-03	1.05E-03	1.95E-06	1.29E-03	2.52E-09	1.0E+06	2.5E-03	5
96	0.27834	6.39E-03	1.8E-03	1.05E-03	1.86E-06	1.29E-03	2.40E-09	1.0E+06	2.4E-03	5
97	0.26253	6.39E-03	1.7E-03	1.05E-03	1.75E-06	1.29E-03	2.27E-09	1.0E+06	2.3E-03	5
98	0.24532	6.39E-03	1.6E-03	1.05E-03	1.64E-06	1.29E-03	2.12E-09	1.0E+06	2.1E-03	5
99	0.22758	6.39E-03	1.5E-03	1.05E-03	1.52E-06	1.29E-03	1.96E-09	1.0E+06	2.0E-03	5
100	0.20998	6.39E-03	1.3E-03	1.05E-03	1.40E-06	1.29E-03	1.81E-09	1.0E+06	1.8E-03	5
101	0.09143	6.39E-03	5.8E-04	1.05E-03	6.11E-07	1.29E-03	7.89E-10	1.0E+06	7.9E-04	5
102	0.09675	6.39E-03	6.2E-04	1.05E-03	6.46E-07	1.29E-03	8.35E-10	1.0E+06	8.4E-04	5
103	0.11188	6.39E-03	7.2E-04	1.05E-03	7.48E-07	1.29E-03	9.66E-10	1.0E+06	9.7E-04	5
104	0.16935	6.39E-03	1.1E-03	1.05E-03	1.13E-06	1.29E-03	1.46E-09	1.0E+06	1.5E-03	5
105	0.17826	6.39E-03	1.1E-03	1.05E-03	1.19E-06	1.29E-03	1.54E-09	1.0E+06	1.5E-03	5
106	0.18709	6.39E-03	1.2E-03	1.05E-03	1.25E-06	1.29E-03	1.61E-09	1.0E+06	1.6E-03	5
107	0.19675	6.39E-03	1.3E-03	1.05E-03	1.31E-06	1.29E-03	1.70E-09	1.0E+06	1.7E-03	5
108	0.20823	6.39E-03	1.3E-03	1.05E-03	1.39E-06	1.29E-03	1.80E-09	1.0E+06	1.8E-03	5
109	0.22364	6.39E-03	1.4E-03	1.05E-03	1.49E-06	1.29E-03	1.93E-09	1.0E+06	1.9E-03	5
110	0.24287	6.39E-03	1.6E-03	1.05E-03	1.62E-06	1.29E-03	2.10E-09	1.0E+06	2.1E-03	5
111	0.26271	6.39E-03	1.7E-03	1.05E-03	1.76E-06	1.29E-03	2.27E-09	1.0E+06	2.3E-03	5
112	0.28901	6.39E-03	1.8E-03	1.05E-03	1.93E-06	1.29E-03	2.49E-09	1.0E+06	2.5E-03	5
113	0.3152	6.39E-03	2.0E-03	1.05E-03	2.11E-06	1.29E-03	2.72E-09	1.0E+06	2.7E-03	5
114	0.33833	6.39E-03	2.2E-03	1.05E-03	2.26E-06	1.29E-03	2.92E-09	1.0E+06	2.9E-03	5
115	0.35508	6.39E-03	2.3E-03	1.05E-03	2.37E-06	1.29E-03	3.06E-09	1.0E+06	3.1E-03	5
116	0.3623	6.39E-03	2.3E-03	1.05E-03	2.42E-06	1.29E-03	3.13E-09	1.0E+06	3.1E-03	5
117	0.36368	6.39E-03	2.3E-03	1.05E-03	2.43E-06	1.29E-03	3.14E-09	1.0E+06	3.1E-03	5
118	0.35689	6.39E-03	2.3E-03	1.05E-03	2.38E-06	1.29E-03	3.08E-09	1.0E+06	3.1E-03	5
119	0.34344	6.39E-03	2.2E-03	1.05E-03	2.29E-06	1.29E-03	2.96E-09	1.0E+06	3.0E-03	5
120	0.32516	6.39E-03	2.1E-03	1.05E-03	2.17E-06	1.29E-03	2.81E-09	1.0E+06	2.8E-03	5
121	0.30382	6.39E-03	1.9E-03	1.05E-03	2.03E-06	1.29E-03	2.62E-09	1.0E+06	2.6E-03	5
122	0.28099	6.39E-03	1.8E-03	1.05E-03	1.88E-06	1.29E-03	2.43E-09	1.0E+06	2.4E-03	5
123	0.25794	6.39E-03	1.6E-03	1.05E-03	1.72E-06	1.29E-03	2.23E-09	1.0E+06	2.2E-03	5
124	0.23552	6.39E-03	1.5E-03	1.05E-03	1.57E-06	1.29E-03	2.03E-09	1.0E+06	2.0E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
125	0.10321	6.39E-03	6.6E-04	1.05E-03	6.90E-07	1.29E-03	8.91E-10	1.0E+06	8.9E-04	5
126	0.11009	6.39E-03	7.0E-04	1.05E-03	7.36E-07	1.29E-03	9.50E-10	1.0E+06	9.5E-04	5
127	0.12643	6.39E-03	8.1E-04	1.05E-03	8.45E-07	1.29E-03	1.09E-09	1.0E+06	1.1E-03	5
128	0.21511	6.39E-03	1.4E-03	1.05E-03	1.44E-06	1.29E-03	1.86E-09	1.0E+06	1.9E-03	5
129	0.22743	6.39E-03	1.5E-03	1.05E-03	1.52E-06	1.29E-03	1.96E-09	1.0E+06	2.0E-03	5
130	0.24099	6.39E-03	1.5E-03	1.05E-03	1.61E-06	1.29E-03	2.08E-09	1.0E+06	2.1E-03	5
131	0.25766	6.39E-03	1.6E-03	1.05E-03	1.72E-06	1.29E-03	2.22E-09	1.0E+06	2.2E-03	5
132	0.28032	6.39E-03	1.8E-03	1.05E-03	1.87E-06	1.29E-03	2.42E-09	1.0E+06	2.4E-03	5
133	0.30646	6.39E-03	2.0E-03	1.05E-03	2.05E-06	1.29E-03	2.64E-09	1.0E+06	2.6E-03	5
134	0.33706	6.39E-03	2.2E-03	1.05E-03	2.25E-06	1.29E-03	2.91E-09	1.0E+06	2.9E-03	5
135	0.37252	6.39E-03	2.4E-03	1.05E-03	2.49E-06	1.29E-03	3.22E-09	1.0E+06	3.2E-03	5
136	0.405	6.39E-03	2.6E-03	1.05E-03	2.71E-06	1.29E-03	3.50E-09	1.0E+06	3.5E-03	5
137	0.42929	6.39E-03	2.7E-03	1.05E-03	2.87E-06	1.29E-03	3.71E-09	1.0E+06	3.7E-03	5
138	0.44007	6.39E-03	2.8E-03	1.05E-03	2.94E-06	1.29E-03	3.80E-09	1.0E+06	3.8E-03	5
139	0.44017	6.39E-03	2.8E-03	1.05E-03	2.94E-06	1.29E-03	3.80E-09	1.0E+06	3.8E-03	5
140	0.43009	6.39E-03	2.7E-03	1.05E-03	2.87E-06	1.29E-03	3.71E-09	1.0E+06	3.7E-03	5
141	0.4107	6.39E-03	2.6E-03	1.05E-03	2.74E-06	1.29E-03	3.54E-09	1.0E+06	3.5E-03	5
142	0.3849	6.39E-03	2.5E-03	1.05E-03	2.57E-06	1.29E-03	3.32E-09	1.0E+06	3.3E-03	5
143	0.3555	6.39E-03	2.3E-03	1.05E-03	2.38E-06	1.29E-03	3.07E-09	1.0E+06	3.1E-03	5
144	0.32477	6.39E-03	2.1E-03	1.05E-03	2.17E-06	1.29E-03	2.80E-09	1.0E+06	2.8E-03	5
145	0.29441	6.39E-03	1.9E-03	1.05E-03	1.97E-06	1.29E-03	2.54E-09	1.0E+06	2.5E-03	5
146	0.26558	6.39E-03	1.7E-03	1.05E-03	1.77E-06	1.29E-03	2.29E-09	1.0E+06	2.3E-03	5
147	0.11723	6.39E-03	7.5E-04	1.05E-03	7.83E-07	1.29E-03	1.01E-09	1.0E+06	1.0E-03	5
148	0.12549	6.39E-03	8.0E-04	1.05E-03	8.39E-07	1.29E-03	1.08E-09	1.0E+06	1.1E-03	5
149	0.14396	6.39E-03	9.2E-04	1.05E-03	9.62E-07	1.29E-03	1.24E-09	1.0E+06	1.2E-03	5
150	0.26517	6.39E-03	1.7E-03	1.05E-03	1.77E-06	1.29E-03	2.29E-09	1.0E+06	2.3E-03	5
151	0.28301	6.39E-03	1.8E-03	1.05E-03	1.89E-06	1.29E-03	2.44E-09	1.0E+06	2.4E-03	5
152	0.30235	6.39E-03	1.9E-03	1.05E-03	2.02E-06	1.29E-03	2.61E-09	1.0E+06	2.6E-03	5
153	0.32806	6.39E-03	2.1E-03	1.05E-03	2.19E-06	1.29E-03	2.83E-09	1.0E+06	2.8E-03	5
154	0.36261	6.39E-03	2.3E-03	1.05E-03	2.42E-06	1.29E-03	3.13E-09	1.0E+06	3.1E-03	5
155	0.398	6.39E-03	2.5E-03	1.05E-03	2.66E-06	1.29E-03	3.43E-09	1.0E+06	3.4E-03	5



**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
156	0.44632	6.39E-03	2.9E-03	1.05E-03	2.98E-06	1.29E-03	3.85E-09	1.0E+06	3.9E-03	5
157	0.4933	6.39E-03	3.2E-03	1.05E-03	3.30E-06	1.29E-03	4.26E-09	1.0E+06	4.3E-03	5
158	0.52892	6.39E-03	3.4E-03	1.05E-03	3.53E-06	1.29E-03	4.56E-09	1.0E+06	4.6E-03	5
159	0.54671	6.39E-03	3.5E-03	1.05E-03	3.65E-06	1.29E-03	4.72E-09	1.0E+06	4.7E-03	5
160	0.54482	6.39E-03	3.5E-03	1.05E-03	3.64E-06	1.29E-03	4.70E-09	1.0E+06	4.7E-03	5
161	0.52891	6.39E-03	3.4E-03	1.05E-03	3.53E-06	1.29E-03	4.56E-09	1.0E+06	4.6E-03	5
162	0.50004	6.39E-03	3.2E-03	1.05E-03	3.34E-06	1.29E-03	4.32E-09	1.0E+06	4.3E-03	5
163	0.46262	6.39E-03	3.0E-03	1.05E-03	3.09E-06	1.29E-03	3.99E-09	1.0E+06	4.0E-03	5
164	0.42119	6.39E-03	2.7E-03	1.05E-03	2.81E-06	1.29E-03	3.64E-09	1.0E+06	3.6E-03	5
165	0.37907	6.39E-03	2.4E-03	1.05E-03	2.53E-06	1.29E-03	3.27E-09	1.0E+06	3.3E-03	5
166	0.33857	6.39E-03	2.2E-03	1.05E-03	2.26E-06	1.29E-03	2.92E-09	1.0E+06	2.9E-03	5
167	0.30106	6.39E-03	1.9E-03	1.05E-03	2.01E-06	1.29E-03	2.60E-09	1.0E+06	2.6E-03	5
168	0.26721	6.39E-03	1.7E-03	1.05E-03	1.79E-06	1.29E-03	2.31E-09	1.0E+06	2.3E-03	5
169	0.1338	6.39E-03	8.6E-04	1.05E-03	8.94E-07	1.29E-03	1.15E-09	1.0E+06	1.2E-03	5
170	0.14452	6.39E-03	9.2E-04	1.05E-03	9.66E-07	1.29E-03	1.25E-09	1.0E+06	1.2E-03	5
171	0.16468	6.39E-03	1.1E-03	1.05E-03	1.10E-06	1.29E-03	1.42E-09	1.0E+06	1.4E-03	5
172	0.18144	6.39E-03	1.2E-03	1.05E-03	1.21E-06	1.29E-03	1.57E-09	1.0E+06	1.6E-03	5
173	0.33557	6.39E-03	2.1E-03	1.05E-03	2.24E-06	1.29E-03	2.90E-09	1.0E+06	2.9E-03	5
174	0.36248	6.39E-03	2.3E-03	1.05E-03	2.42E-06	1.29E-03	3.13E-09	1.0E+06	3.1E-03	5
175	0.39215	6.39E-03	2.5E-03	1.05E-03	2.62E-06	1.29E-03	3.38E-09	1.0E+06	3.4E-03	5
176	0.43309	6.39E-03	2.8E-03	1.05E-03	2.89E-06	1.29E-03	3.74E-09	1.0E+06	3.7E-03	5
177	0.48554	6.39E-03	3.1E-03	1.05E-03	3.24E-06	1.29E-03	4.19E-09	1.0E+06	4.2E-03	5
178	0.54331	6.39E-03	3.5E-03	1.05E-03	3.63E-06	1.29E-03	4.69E-09	1.0E+06	4.7E-03	5
179	0.61192	6.39E-03	3.9E-03	1.05E-03	4.09E-06	1.29E-03	5.28E-09	1.0E+06	5.3E-03	5
180	0.66756	6.39E-03	4.3E-03	1.05E-03	4.46E-06	1.29E-03	5.76E-09	1.0E+06	5.8E-03	5
181	0.69666	6.39E-03	4.5E-03	1.05E-03	4.66E-06	1.29E-03	6.01E-09	1.0E+06	6.0E-03	5
182	0.69355	6.39E-03	4.4E-03	1.05E-03	4.63E-06	1.29E-03	5.99E-09	1.0E+06	6.0E-03	5
183	0.39228	6.39E-03	2.5E-03	1.05E-03	2.62E-06	1.29E-03	3.39E-09	1.0E+06	3.4E-03	5
184	0.34306	6.39E-03	2.2E-03	1.05E-03	2.29E-06	1.29E-03	2.96E-09	1.0E+06	3.0E-03	5
185	0.16731	6.39E-03	1.1E-03	1.05E-03	1.12E-06	1.29E-03	1.44E-09	1.0E+06	1.4E-03	5
186	0.18831	6.39E-03	1.2E-03	1.05E-03	1.26E-06	1.29E-03	1.63E-09	1.0E+06	1.6E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					REL	
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		Risk/ Million
187	0.21275	6.39E-03	1.4E-03	1.05E-03	1.42E-06	1.29E-03	1.84E-09	1.0E+06	1.8E-03	5
188	0.43896	6.39E-03	2.8E-03	1.05E-03	2.93E-06	1.29E-03	3.79E-09	1.0E+06	3.8E-03	5
189	0.48188	6.39E-03	3.1E-03	1.05E-03	3.22E-06	1.29E-03	4.16E-09	1.0E+06	4.2E-03	5
190	0.53031	6.39E-03	3.4E-03	1.05E-03	3.54E-06	1.29E-03	4.58E-09	1.0E+06	4.6E-03	5
191	0.59833	6.39E-03	3.8E-03	1.05E-03	4.00E-06	1.29E-03	5.16E-09	1.0E+06	5.2E-03	5
192	0.67744	6.39E-03	4.3E-03	1.05E-03	4.53E-06	1.29E-03	5.85E-09	1.0E+06	5.8E-03	5
193	0.778	6.39E-03	5.0E-03	1.05E-03	5.20E-06	1.29E-03	6.71E-09	1.0E+06	6.7E-03	5
194	0.86807	6.39E-03	5.5E-03	1.05E-03	5.80E-06	1.29E-03	7.49E-09	1.0E+06	7.5E-03	5
195	0.91741	6.39E-03	5.9E-03	1.05E-03	6.13E-06	1.29E-03	7.92E-09	1.0E+06	7.9E-03	5
196	0.9168	6.39E-03	5.9E-03	1.05E-03	6.13E-06	1.29E-03	7.91E-09	1.0E+06	7.9E-03	5
197	0.87045	6.39E-03	5.6E-03	1.05E-03	5.82E-06	1.29E-03	7.51E-09	1.0E+06	7.5E-03	5
198	0.21925	6.39E-03	1.4E-03	1.05E-03	1.47E-06	1.29E-03	1.89E-09	1.0E+06	1.9E-03	5
199	0.25142	6.39E-03	1.6E-03	1.05E-03	1.68E-06	1.29E-03	2.17E-09	1.0E+06	2.2E-03	5
200	0.25402	6.39E-03	1.6E-03	1.05E-03	1.70E-06	1.29E-03	2.19E-09	1.0E+06	2.2E-03	5
201	0.29686	6.39E-03	1.9E-03	1.05E-03	1.98E-06	1.29E-03	2.56E-09	1.0E+06	2.6E-03	5
202	0.34659	6.39E-03	2.2E-03	1.05E-03	2.32E-06	1.29E-03	2.99E-09	1.0E+06	3.0E-03	5
203	0.35145	6.39E-03	2.2E-03	1.05E-03	2.35E-06	1.29E-03	3.03E-09	1.0E+06	3.0E-03	5
204	0.42484	6.39E-03	2.7E-03	1.05E-03	2.84E-06	1.29E-03	3.67E-09	1.0E+06	3.7E-03	5
205	0.51612	6.39E-03	3.3E-03	1.05E-03	3.45E-06	1.29E-03	4.45E-09	1.0E+06	4.5E-03	5
206	0.51464	6.39E-03	3.3E-03	1.05E-03	3.44E-06	1.29E-03	4.44E-09	1.0E+06	4.4E-03	5
207	0.65689	6.39E-03	4.2E-03	1.05E-03	4.39E-06	1.29E-03	5.67E-09	1.0E+06	5.7E-03	5
208	0.84977	6.39E-03	5.4E-03	1.05E-03	5.68E-06	1.29E-03	7.33E-09	1.0E+06	7.3E-03	5
209	0.62138	6.39E-03	4.0E-03	1.05E-03	4.15E-06	1.29E-03	5.36E-09	1.0E+06	5.4E-03	5
210	0.82565	6.39E-03	5.3E-03	1.05E-03	5.52E-06	1.29E-03	7.13E-09	1.0E+06	7.1E-03	5
211	1.14395	6.39E-03	7.3E-03	1.05E-03	7.64E-06	1.29E-03	9.87E-09	1.0E+06	9.9E-03	5
212	1.02724	6.39E-03	6.6E-03	1.05E-03	6.86E-06	1.29E-03	8.87E-09	1.0E+06	8.9E-03	5
213	1.51401	6.39E-03	9.7E-03	1.05E-03	1.01E-05	1.29E-03	1.31E-08	1.0E+06	1.3E-02	5
214	2.41236	6.39E-03	1.5E-02	1.05E-03	1.61E-05	1.29E-03	2.08E-08	1.0E+06	2.1E-02	5
215	1.25084	6.39E-03	8.0E-03	1.05E-03	8.36E-06	1.29E-03	1.08E-08	1.0E+06	1.1E-02	5
216	1.91154	6.39E-03	1.2E-02	1.05E-03	1.28E-05	1.29E-03	1.65E-08	1.0E+06	1.6E-02	5
217	3.22864	6.39E-03	2.1E-02	1.05E-03	2.16E-05	1.29E-03	2.79E-08	1.0E+06	2.8E-02	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					Risk/ Million	REL
				Dose Constant	Dose	Risk Constant	Risk	Constant 2		
218	3.58447	6.39E-03	2.3E-02	1.05E-03	2.40E-05	1.29E-03	3.09E-08	1.0E+06	3.1E-02	5
219	6.35607	6.39E-03	4.1E-02	1.05E-03	4.25E-05	1.29E-03	5.49E-08	1.0E+06	5.5E-02	5
220	3.23757	6.39E-03	2.1E-02	1.05E-03	2.16E-05	1.29E-03	2.79E-08	1.0E+06	2.8E-02	5
221	4.85674	6.39E-03	3.1E-02	1.05E-03	3.25E-05	1.29E-03	4.19E-08	1.0E+06	4.2E-02	5
222	2.51411	6.39E-03	1.6E-02	1.05E-03	1.68E-05	1.29E-03	2.17E-08	1.0E+06	2.2E-02	5
223	3.24955	6.39E-03	2.1E-02	1.05E-03	2.17E-05	1.29E-03	2.80E-08	1.0E+06	2.8E-02	5
224	3.86771	6.39E-03	2.5E-02	1.05E-03	2.58E-05	1.29E-03	3.34E-08	1.0E+06	3.3E-02	5
225	2.08835	6.39E-03	1.3E-02	1.05E-03	1.40E-05	1.29E-03	1.80E-08	1.0E+06	1.8E-02	5
226	2.20499	6.39E-03	1.4E-02	1.05E-03	1.47E-05	1.29E-03	1.90E-08	1.0E+06	1.9E-02	5
227	0.08906	6.39E-03	5.7E-04	1.05E-03	5.95E-07	1.29E-03	7.69E-10	1.0E+06	7.7E-04	5
228	0.08067	6.39E-03	5.2E-04	1.05E-03	5.39E-07	1.29E-03	6.96E-10	1.0E+06	7.0E-04	5
229	0.07345	6.39E-03	4.7E-04	1.05E-03	4.91E-07	1.29E-03	6.34E-10	1.0E+06	6.3E-04	5
230	0.0672	6.39E-03	4.3E-04	1.05E-03	4.49E-07	1.29E-03	5.80E-10	1.0E+06	5.8E-04	5
231	0.08305	6.39E-03	5.3E-04	1.05E-03	5.55E-07	1.29E-03	7.17E-10	1.0E+06	7.2E-04	5
232	0.07561	6.39E-03	4.8E-04	1.05E-03	5.05E-07	1.29E-03	6.53E-10	1.0E+06	6.5E-04	5
233	0.06916	6.39E-03	4.4E-04	1.05E-03	4.62E-07	1.29E-03	5.97E-10	1.0E+06	6.0E-04	5
234	0.06352	6.39E-03	4.1E-04	1.05E-03	4.24E-07	1.29E-03	5.48E-10	1.0E+06	5.5E-04	5
235	0.07748	6.39E-03	5.0E-04	1.05E-03	5.18E-07	1.29E-03	6.69E-10	1.0E+06	6.7E-04	5
236	0.07098	6.39E-03	4.5E-04	1.05E-03	4.74E-07	1.29E-03	6.13E-10	1.0E+06	6.1E-04	5
237	0.06525	6.39E-03	4.2E-04	1.05E-03	4.36E-07	1.29E-03	5.63E-10	1.0E+06	5.6E-04	5
238	0.06018	6.39E-03	3.8E-04	1.05E-03	4.02E-07	1.29E-03	5.19E-10	1.0E+06	5.2E-04	5
239	0.40184	6.39E-03	2.6E-03	1.05E-03	2.69E-06	1.29E-03	3.47E-09	1.0E+06	3.5E-03	5
240	0.36081	6.39E-03	2.3E-03	1.05E-03	2.41E-06	1.29E-03	3.11E-09	1.0E+06	3.1E-03	5
241	0.32566	6.39E-03	2.1E-03	1.05E-03	2.18E-06	1.29E-03	2.81E-09	1.0E+06	2.8E-03	5
242	0.29532	6.39E-03	1.9E-03	1.05E-03	1.97E-06	1.29E-03	2.55E-09	1.0E+06	2.5E-03	5
243	0.36498	6.39E-03	2.3E-03	1.05E-03	2.44E-06	1.29E-03	3.15E-09	1.0E+06	3.1E-03	5
244	0.33001	6.39E-03	2.1E-03	1.05E-03	2.21E-06	1.29E-03	2.85E-09	1.0E+06	2.8E-03	5
245	0.29968	6.39E-03	1.9E-03	1.05E-03	2.00E-06	1.29E-03	2.59E-09	1.0E+06	2.6E-03	5
246	0.2732	6.39E-03	1.7E-03	1.05E-03	1.83E-06	1.29E-03	2.36E-09	1.0E+06	2.4E-03	5
247	0.33264	6.39E-03	2.1E-03	1.05E-03	2.22E-06	1.29E-03	2.87E-09	1.0E+06	2.9E-03	5
248	0.30271	6.39E-03	1.9E-03	1.05E-03	2.02E-06	1.29E-03	2.61E-09	1.0E+06	2.6E-03	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
249	0.27644	6.39E-03	1.8E-03	1.05E-03	1.85E-06	1.29E-03	2.39E-09	1.0E+06	2.4E-03	5
250	0.25323	6.39E-03	1.6E-03	1.05E-03	1.69E-06	1.29E-03	2.19E-09	1.0E+06	2.2E-03	5
251	0.16523	6.39E-03	1.1E-03	1.05E-03	1.10E-06	1.29E-03	1.43E-09	1.0E+06	1.4E-03	5
252	0.15481	6.39E-03	9.9E-04	1.05E-03	1.03E-06	1.29E-03	1.34E-09	1.0E+06	1.3E-03	5
253	0.18894	6.39E-03	1.2E-03	1.05E-03	1.26E-06	1.29E-03	1.63E-09	1.0E+06	1.6E-03	5
254	0.17655	6.39E-03	1.1E-03	1.05E-03	1.18E-06	1.29E-03	1.52E-09	1.0E+06	1.5E-03	5
255	0.15507	6.39E-03	9.9E-04	1.05E-03	1.04E-06	1.29E-03	1.34E-09	1.0E+06	1.3E-03	5
256	0.14572	6.39E-03	9.3E-04	1.05E-03	9.74E-07	1.29E-03	1.26E-09	1.0E+06	1.3E-03	5
257	0.12225	6.39E-03	7.8E-04	1.05E-03	8.17E-07	1.29E-03	1.06E-09	1.0E+06	1.1E-03	5
258	0.17603	6.39E-03	1.1E-03	1.05E-03	1.18E-06	1.29E-03	1.52E-09	1.0E+06	1.5E-03	5
259	0.16496	6.39E-03	1.1E-03	1.05E-03	1.10E-06	1.29E-03	1.42E-09	1.0E+06	1.4E-03	5
260	0.15483	6.39E-03	9.9E-04	1.05E-03	1.03E-06	1.29E-03	1.34E-09	1.0E+06	1.3E-03	5
261	0.14564	6.39E-03	9.3E-04	1.05E-03	9.73E-07	1.29E-03	1.26E-09	1.0E+06	1.3E-03	5
262	0.13724	6.39E-03	8.8E-04	1.05E-03	9.17E-07	1.29E-03	1.18E-09	1.0E+06	1.2E-03	5
263	0.11602	6.39E-03	7.4E-04	1.05E-03	7.75E-07	1.29E-03	1.00E-09	1.0E+06	1.0E-03	5
264	0.15435	6.39E-03	9.9E-04	1.05E-03	1.03E-06	1.29E-03	1.33E-09	1.0E+06	1.3E-03	5
265	0.14527	6.39E-03	9.3E-04	1.05E-03	9.71E-07	1.29E-03	1.25E-09	1.0E+06	1.3E-03	5
266	0.13696	6.39E-03	8.8E-04	1.05E-03	9.15E-07	1.29E-03	1.18E-09	1.0E+06	1.2E-03	5
267	0.12934	6.39E-03	8.3E-04	1.05E-03	8.64E-07	1.29E-03	1.12E-09	1.0E+06	1.1E-03	5
268	0.11015	6.39E-03	7.0E-04	1.05E-03	7.36E-07	1.29E-03	9.51E-10	1.0E+06	9.5E-04	5
269	0.17159	6.39E-03	1.1E-03	1.05E-03	1.15E-06	1.29E-03	1.48E-09	1.0E+06	1.5E-03	5
270	0.15068	6.39E-03	9.6E-04	1.05E-03	1.01E-06	1.29E-03	1.30E-09	1.0E+06	1.3E-03	5
271	0.13348	6.39E-03	8.5E-04	1.05E-03	8.92E-07	1.29E-03	1.15E-09	1.0E+06	1.2E-03	5
272	0.11917	6.39E-03	7.6E-04	1.05E-03	7.96E-07	1.29E-03	1.03E-09	1.0E+06	1.0E-03	5
273	0.10715	6.39E-03	6.9E-04	1.05E-03	7.16E-07	1.29E-03	9.25E-10	1.0E+06	9.2E-04	5
274	0.09697	6.39E-03	6.2E-04	1.05E-03	6.48E-07	1.29E-03	8.37E-10	1.0E+06	8.4E-04	5
275	0.08827	6.39E-03	5.6E-04	1.05E-03	5.90E-07	1.29E-03	7.62E-10	1.0E+06	7.6E-04	5
276	0.15507	6.39E-03	9.9E-04	1.05E-03	1.04E-06	1.29E-03	1.34E-09	1.0E+06	1.3E-03	5
277	0.13687	6.39E-03	8.8E-04	1.05E-03	9.15E-07	1.29E-03	1.18E-09	1.0E+06	1.2E-03	5
278	0.12183	6.39E-03	7.8E-04	1.05E-03	8.14E-07	1.29E-03	1.05E-09	1.0E+06	1.1E-03	5
279	0.10926	6.39E-03	7.0E-04	1.05E-03	7.30E-07	1.29E-03	9.43E-10	1.0E+06	9.4E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years			Risk/ Million	REL
				Constant	Dose	Constant	Risk	Constant 2		
280	0.09865	6.39E-03	6.3E-04	1.05E-03	6.59E-07	1.29E-03	8.51E-10	1.0E+06	8.5E-04	5
281	0.08962	6.39E-03	5.7E-04	1.05E-03	5.99E-07	1.29E-03	7.73E-10	1.0E+06	7.7E-04	5
282	0.08186	6.39E-03	5.2E-04	1.05E-03	5.47E-07	1.29E-03	7.06E-10	1.0E+06	7.1E-04	5
283	0.13944	6.39E-03	8.9E-04	1.05E-03	9.32E-07	1.29E-03	1.20E-09	1.0E+06	1.2E-03	5
284	0.1238	6.39E-03	7.9E-04	1.05E-03	8.27E-07	1.29E-03	1.07E-09	1.0E+06	1.1E-03	5
285	0.11079	6.39E-03	7.1E-04	1.05E-03	7.40E-07	1.29E-03	9.56E-10	1.0E+06	9.6E-04	5
286	0.09984	6.39E-03	6.4E-04	1.05E-03	6.67E-07	1.29E-03	8.62E-10	1.0E+06	8.6E-04	5
287	0.09054	6.39E-03	5.8E-04	1.05E-03	6.05E-07	1.29E-03	7.81E-10	1.0E+06	7.8E-04	5
288	0.08258	6.39E-03	5.3E-04	1.05E-03	5.52E-07	1.29E-03	7.13E-10	1.0E+06	7.1E-04	5
289	0.07571	6.39E-03	4.8E-04	1.05E-03	5.06E-07	1.29E-03	6.53E-10	1.0E+06	6.5E-04	5
290	0.12498	6.39E-03	8.0E-04	1.05E-03	8.35E-07	1.29E-03	1.08E-09	1.0E+06	1.1E-03	5
291	0.11165	6.39E-03	7.1E-04	1.05E-03	7.46E-07	1.29E-03	9.64E-10	1.0E+06	9.6E-04	5
292	0.10045	6.39E-03	6.4E-04	1.05E-03	6.71E-07	1.29E-03	8.67E-10	1.0E+06	8.7E-04	5
293	0.09097	6.39E-03	5.8E-04	1.05E-03	6.08E-07	1.29E-03	7.85E-10	1.0E+06	7.9E-04	5
294	0.08286	6.39E-03	5.3E-04	1.05E-03	5.54E-07	1.29E-03	7.15E-10	1.0E+06	7.2E-04	5
295	0.07588	6.39E-03	4.9E-04	1.05E-03	5.07E-07	1.29E-03	6.55E-10	1.0E+06	6.5E-04	5
296	0.06983	6.39E-03	4.5E-04	1.05E-03	4.67E-07	1.29E-03	6.03E-10	1.0E+06	6.0E-04	5
297	0.11197	6.39E-03	7.2E-04	1.05E-03	7.48E-07	1.29E-03	9.66E-10	1.0E+06	9.7E-04	5
298	0.10061	6.39E-03	6.4E-04	1.05E-03	6.72E-07	1.29E-03	8.68E-10	1.0E+06	8.7E-04	5
299	0.091	6.39E-03	5.8E-04	1.05E-03	6.08E-07	1.29E-03	7.85E-10	1.0E+06	7.9E-04	5
300	0.0828	6.39E-03	5.3E-04	1.05E-03	5.53E-07	1.29E-03	7.15E-10	1.0E+06	7.1E-04	5
301	0.07575	6.39E-03	4.8E-04	1.05E-03	5.06E-07	1.29E-03	6.54E-10	1.0E+06	6.5E-04	5
302	0.06964	6.39E-03	4.5E-04	1.05E-03	4.65E-07	1.29E-03	6.01E-10	1.0E+06	6.0E-04	5
303	0.06431	6.39E-03	4.1E-04	1.05E-03	4.30E-07	1.29E-03	5.55E-10	1.0E+06	5.6E-04	5
304	0.10064	6.39E-03	6.4E-04	1.05E-03	6.72E-07	1.29E-03	8.69E-10	1.0E+06	8.7E-04	5
305	0.09092	6.39E-03	5.8E-04	1.05E-03	6.08E-07	1.29E-03	7.85E-10	1.0E+06	7.8E-04	5
306	0.08263	6.39E-03	5.3E-04	1.05E-03	5.52E-07	1.29E-03	7.13E-10	1.0E+06	7.1E-04	5
307	0.07552	6.39E-03	4.8E-04	1.05E-03	5.05E-07	1.29E-03	6.52E-10	1.0E+06	6.5E-04	5
308	0.06936	6.39E-03	4.4E-04	1.05E-03	4.63E-07	1.29E-03	5.99E-10	1.0E+06	6.0E-04	5
309	0.064	6.39E-03	4.1E-04	1.05E-03	4.28E-07	1.29E-03	5.52E-10	1.0E+06	5.5E-04	5
310	0.0593	6.39E-03	3.8E-04	1.05E-03	3.96E-07	1.29E-03	5.12E-10	1.0E+06	5.1E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			Risk/ Million	REL
				Constant	Dose	Risk	Constant 2			
311	0.09124	6.39E-03	5.8E-04	1.05E-03	6.10E-07	1.29E-03	7.87E-10	1.0E+06	7.9E-04	5
312	0.08276	6.39E-03	5.3E-04	1.05E-03	5.53E-07	1.29E-03	7.14E-10	1.0E+06	7.1E-04	5
313	0.07553	6.39E-03	4.8E-04	1.05E-03	5.05E-07	1.29E-03	6.52E-10	1.0E+06	6.5E-04	5
314	0.06927	6.39E-03	4.4E-04	1.05E-03	4.63E-07	1.29E-03	5.98E-10	1.0E+06	6.0E-04	5
315	0.06384	6.39E-03	4.1E-04	1.05E-03	4.27E-07	1.29E-03	5.51E-10	1.0E+06	5.5E-04	5
316	0.05909	6.39E-03	3.8E-04	1.05E-03	3.95E-07	1.29E-03	5.10E-10	1.0E+06	5.1E-04	5
317	0.05491	6.39E-03	3.5E-04	1.05E-03	3.67E-07	1.29E-03	4.74E-10	1.0E+06	4.7E-04	5

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk**

***Chronic Non Cancer Risk***

Receptor #	HI
1	7.71E-05
2	8.10E-05
3	9.38E-05
4	1.21E-04
5	1.25E-04
6	1.29E-04
7	1.33E-04
8	1.38E-04
9	1.44E-04
10	1.51E-04
11	1.59E-04
12	1.70E-04
13	1.81E-04
14	1.93E-04
15	2.06E-04
16	2.19E-04
17	2.30E-04
18	2.40E-04
19	2.48E-04
20	2.52E-04
21	2.52E-04
22	2.50E-04
23	2.45E-04
24	2.38E-04
25	2.29E-04
26	8.47E-05
27	8.98E-05
28	1.03E-04
29	1.38E-04
30	1.43E-04
31	1.48E-04

Max	Receptor #
0.008	219

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
32	1.53E-04
33	1.59E-04
34	1.66E-04
35	1.76E-04
36	1.88E-04
37	2.00E-04
38	2.14E-04
39	2.31E-04
40	2.47E-04
41	2.61E-04
42	2.73E-04
43	2.83E-04
44	2.88E-04
45	2.89E-04
46	2.86E-04
47	2.79E-04
48	2.70E-04
49	2.58E-04
50	2.45E-04
51	9.37E-05
52	9.93E-05
53	1.14E-04
54	1.58E-04
55	1.65E-04
56	1.71E-04
57	1.78E-04
58	1.85E-04
59	1.96E-04
60	2.08E-04
61	2.24E-04
62	2.41E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
63	2.59E-04
64	2.80E-04
65	2.99E-04
66	3.14E-04
67	3.26E-04
68	3.33E-04
69	3.34E-04
70	3.30E-04
71	3.21E-04
72	3.08E-04
73	2.93E-04
74	2.76E-04
75	2.58E-04
76	1.04E-04
77	1.11E-04
78	1.27E-04
79	1.84E-04
80	1.92E-04
81	2.01E-04
82	2.10E-04
83	2.20E-04
84	2.34E-04
85	2.52E-04
86	2.71E-04
87	2.94E-04
88	3.20E-04
89	3.45E-04
90	3.67E-04
91	3.80E-04
92	3.90E-04
93	3.91E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
94	3.85E-04
95	3.73E-04
96	3.56E-04
97	3.36E-04
98	3.14E-04
99	2.91E-04
100	2.68E-04
101	1.17E-04
102	1.24E-04
103	1.43E-04
104	2.17E-04
105	2.28E-04
106	2.39E-04
107	2.52E-04
108	2.66E-04
109	2.86E-04
110	3.11E-04
111	3.36E-04
112	3.70E-04
113	4.03E-04
114	4.33E-04
115	4.54E-04
116	4.63E-04
117	4.65E-04
118	4.56E-04
119	4.39E-04
120	4.16E-04
121	3.88E-04
122	3.59E-04
123	3.30E-04
124	3.01E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
125	1.32E-04
126	1.41E-04
127	1.62E-04
128	2.75E-04
129	2.91E-04
130	3.08E-04
131	3.29E-04
132	3.58E-04
133	3.92E-04
134	4.31E-04
135	4.76E-04
136	5.18E-04
137	5.49E-04
138	5.63E-04
139	5.63E-04
140	5.50E-04
141	5.25E-04
142	4.92E-04
143	4.55E-04
144	4.15E-04
145	3.76E-04
146	3.40E-04
147	1.50E-04
148	1.60E-04
149	1.84E-04
150	3.39E-04
151	3.62E-04
152	3.87E-04
153	4.19E-04
154	4.64E-04
155	5.09E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
156	5.71E-04
157	6.31E-04
158	6.76E-04
159	6.99E-04
160	6.97E-04
161	6.76E-04
162	6.39E-04
163	5.92E-04
164	5.39E-04
165	4.85E-04
166	4.33E-04
167	3.85E-04
168	3.42E-04
169	1.71E-04
170	1.85E-04
171	2.11E-04
172	2.32E-04
173	4.29E-04
174	4.63E-04
175	5.01E-04
176	5.54E-04
177	6.21E-04
178	6.95E-04
179	7.82E-04
180	8.54E-04
181	8.91E-04
182	8.87E-04
183	5.02E-04
184	4.39E-04
185	2.14E-04
186	2.41E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
187	2.72E-04
188	5.61E-04
189	6.16E-04
190	6.78E-04
191	7.65E-04
192	8.66E-04
193	9.95E-04
194	1.11E-03
195	1.17E-03
196	1.17E-03
197	1.11E-03
198	2.80E-04
199	3.21E-04
200	3.25E-04
201	3.80E-04
202	4.43E-04
203	4.49E-04
204	5.43E-04
205	6.60E-04
206	6.58E-04
207	8.40E-04
208	1.09E-03
209	7.95E-04
210	1.06E-03
211	1.46E-03
212	1.31E-03
213	1.94E-03
214	3.08E-03
215	1.60E-03
216	2.44E-03
217	4.13E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
218	4.58E-03
219	8.13E-03
220	4.14E-03
221	6.21E-03
222	3.21E-03
223	4.15E-03
224	4.95E-03
225	2.67E-03
226	2.82E-03
227	1.14E-04
228	1.03E-04
229	9.39E-05
230	8.59E-05
231	1.06E-04
232	9.67E-05
233	8.84E-05
234	8.12E-05
235	9.91E-05
236	9.08E-05
237	8.34E-05
238	7.69E-05
239	5.14E-04
240	4.61E-04
241	4.16E-04
242	3.78E-04
243	4.67E-04
244	4.22E-04
245	3.83E-04
246	3.49E-04
247	4.25E-04
248	3.87E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
249	3.53E-04
250	3.24E-04
251	2.11E-04
252	1.98E-04
253	2.42E-04
254	2.26E-04
255	1.98E-04
256	1.86E-04
257	1.56E-04
258	2.25E-04
259	2.11E-04
260	1.98E-04
261	1.86E-04
262	1.75E-04
263	1.48E-04
264	1.97E-04
265	1.86E-04
266	1.75E-04
267	1.65E-04
268	1.41E-04
269	2.19E-04
270	1.93E-04
271	1.71E-04
272	1.52E-04
273	1.37E-04
274	1.24E-04
275	1.13E-04
276	1.98E-04
277	1.75E-04
278	1.56E-04
279	1.40E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Site Preparation Risk

*Chronic Non Cancer Risk*

Receptor #	HI
280	1.26E-04
281	1.15E-04
282	1.05E-04
283	1.78E-04
284	1.58E-04
285	1.42E-04
286	1.28E-04
287	1.16E-04
288	1.06E-04
289	9.68E-05
290	1.60E-04
291	1.43E-04
292	1.28E-04
293	1.16E-04
294	1.06E-04
295	9.70E-05
296	8.93E-05
297	1.43E-04
298	1.29E-04
299	1.16E-04
300	1.06E-04
301	9.69E-05
302	8.90E-05
303	8.22E-05
304	1.29E-04
305	1.16E-04
306	1.06E-04
307	9.66E-05
308	8.87E-05
309	8.18E-05
310	7.58E-05



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Site Preparation Risk**

*Chronic Non Cancer Risk*

Receptor #	HI
311	1.17E-04
312	1.06E-04
313	9.66E-05
314	8.86E-05
315	8.16E-05
316	7.56E-05
317	7.02E-05

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Parcel 9-E: Unmitigated - Parcel 9 - Grading Risk



**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.0603	7.62E-03	4.6E-04	1.05E-03	4.80E-07	1.29E-03	6.20E-10	1.0E+06	6.2E-04
2	0.06335	7.62E-03	4.8E-04	1.05E-03	5.04E-07	1.29E-03	6.51E-10	1.0E+06	6.5E-04
3	0.07334	7.62E-03	5.6E-04	1.05E-03	5.84E-07	1.29E-03	7.54E-10	1.0E+06	7.5E-04
4	0.09496	7.62E-03	7.2E-04	1.05E-03	7.56E-07	1.29E-03	9.76E-10	1.0E+06	9.8E-04
5	0.09796	7.62E-03	7.5E-04	1.05E-03	7.80E-07	1.29E-03	1.01E-09	1.0E+06	1.0E-03
6	0.10096	7.62E-03	7.7E-04	1.05E-03	8.04E-07	1.29E-03	1.04E-09	1.0E+06	1.0E-03
7	0.10419	7.62E-03	7.9E-04	1.05E-03	8.29E-07	1.29E-03	1.07E-09	1.0E+06	1.1E-03
8	0.10773	7.62E-03	8.2E-04	1.05E-03	8.57E-07	1.29E-03	1.11E-09	1.0E+06	1.1E-03
9	0.11227	7.62E-03	8.5E-04	1.05E-03	8.94E-07	1.29E-03	1.15E-09	1.0E+06	1.2E-03
10	0.11787	7.62E-03	9.0E-04	1.05E-03	9.38E-07	1.29E-03	1.21E-09	1.0E+06	1.2E-03
11	0.12474	7.62E-03	9.5E-04	1.05E-03	9.93E-07	1.29E-03	1.28E-09	1.0E+06	1.3E-03
12	0.1328	7.62E-03	1.0E-03	1.05E-03	1.06E-06	1.29E-03	1.37E-09	1.0E+06	1.4E-03
13	0.1412	7.62E-03	1.1E-03	1.05E-03	1.12E-06	1.29E-03	1.45E-09	1.0E+06	1.5E-03
14	0.15082	7.62E-03	1.1E-03	1.05E-03	1.20E-06	1.29E-03	1.55E-09	1.0E+06	1.6E-03
15	0.16114	7.62E-03	1.2E-03	1.05E-03	1.28E-06	1.29E-03	1.66E-09	1.0E+06	1.7E-03
16	0.17146	7.62E-03	1.3E-03	1.05E-03	1.36E-06	1.29E-03	1.76E-09	1.0E+06	1.8E-03
17	0.17976	7.62E-03	1.4E-03	1.05E-03	1.43E-06	1.29E-03	1.85E-09	1.0E+06	1.8E-03
18	0.18782	7.62E-03	1.4E-03	1.05E-03	1.49E-06	1.29E-03	1.93E-09	1.0E+06	1.9E-03
19	0.1936	7.62E-03	1.5E-03	1.05E-03	1.54E-06	1.29E-03	1.99E-09	1.0E+06	2.0E-03
20	0.19681	7.62E-03	1.5E-03	1.05E-03	1.57E-06	1.29E-03	2.02E-09	1.0E+06	2.0E-03
21	0.19746	7.62E-03	1.5E-03	1.05E-03	1.57E-06	1.29E-03	2.03E-09	1.0E+06	2.0E-03
22	0.19569	7.62E-03	1.5E-03	1.05E-03	1.56E-06	1.29E-03	2.01E-09	1.0E+06	2.0E-03
23	0.19179	7.62E-03	1.5E-03	1.05E-03	1.53E-06	1.29E-03	1.97E-09	1.0E+06	2.0E-03
24	0.18612	7.62E-03	1.4E-03	1.05E-03	1.48E-06	1.29E-03	1.91E-09	1.0E+06	1.9E-03
25	0.17909	7.62E-03	1.4E-03	1.05E-03	1.43E-06	1.29E-03	1.84E-09	1.0E+06	1.8E-03
26	0.06624	7.62E-03	5.0E-04	1.05E-03	5.27E-07	1.29E-03	6.81E-10	1.0E+06	6.8E-04
27	0.07021	7.62E-03	5.3E-04	1.05E-03	5.59E-07	1.29E-03	7.22E-10	1.0E+06	7.2E-04
28	0.08074	7.62E-03	6.1E-04	1.05E-03	6.43E-07	1.29E-03	8.30E-10	1.0E+06	8.3E-04
29	0.10787	7.62E-03	8.2E-04	1.05E-03	8.59E-07	1.29E-03	1.11E-09	1.0E+06	1.1E-03
30	0.11168	7.62E-03	8.5E-04	1.05E-03	8.89E-07	1.29E-03	1.15E-09	1.0E+06	1.1E-03
31	0.11549	7.62E-03	8.8E-04	1.05E-03	9.19E-07	1.29E-03	1.19E-09	1.0E+06	1.2E-03

<b>Max</b>	<b>Receptor #</b>
0.065	219

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
32	0.11958	7.62E-03	9.1E-04	1.05E-03	9.52E-07	1.29E-03	1.23E-09	1.0E+06	1.2E-03
33	0.12417	7.62E-03	9.5E-04	1.05E-03	9.88E-07	1.29E-03	1.28E-09	1.0E+06	1.3E-03
34	0.13011	7.62E-03	9.9E-04	1.05E-03	1.04E-06	1.29E-03	1.34E-09	1.0E+06	1.3E-03
35	0.13755	7.62E-03	1.0E-03	1.05E-03	1.09E-06	1.29E-03	1.41E-09	1.0E+06	1.4E-03
36	0.1467	7.62E-03	1.1E-03	1.05E-03	1.17E-06	1.29E-03	1.51E-09	1.0E+06	1.5E-03
37	0.15676	7.62E-03	1.2E-03	1.05E-03	1.25E-06	1.29E-03	1.61E-09	1.0E+06	1.6E-03
38	0.16755	7.62E-03	1.3E-03	1.05E-03	1.33E-06	1.29E-03	1.72E-09	1.0E+06	1.7E-03
39	0.18035	7.62E-03	1.4E-03	1.05E-03	1.44E-06	1.29E-03	1.85E-09	1.0E+06	1.9E-03
40	0.19284	7.62E-03	1.5E-03	1.05E-03	1.53E-06	1.29E-03	1.98E-09	1.0E+06	2.0E-03
41	0.20431	7.62E-03	1.6E-03	1.05E-03	1.63E-06	1.29E-03	2.10E-09	1.0E+06	2.1E-03
42	0.21345	7.62E-03	1.6E-03	1.05E-03	1.70E-06	1.29E-03	2.19E-09	1.0E+06	2.2E-03
43	0.22097	7.62E-03	1.7E-03	1.05E-03	1.76E-06	1.29E-03	2.27E-09	1.0E+06	2.3E-03
44	0.22513	7.62E-03	1.7E-03	1.05E-03	1.79E-06	1.29E-03	2.31E-09	1.0E+06	2.3E-03
45	0.22587	7.62E-03	1.7E-03	1.05E-03	1.80E-06	1.29E-03	2.32E-09	1.0E+06	2.3E-03
46	0.22344	7.62E-03	1.7E-03	1.05E-03	1.78E-06	1.29E-03	2.30E-09	1.0E+06	2.3E-03
47	0.21825	7.62E-03	1.7E-03	1.05E-03	1.74E-06	1.29E-03	2.24E-09	1.0E+06	2.2E-03
48	0.21084	7.62E-03	1.6E-03	1.05E-03	1.68E-06	1.29E-03	2.17E-09	1.0E+06	2.2E-03
49	0.20176	7.62E-03	1.5E-03	1.05E-03	1.61E-06	1.29E-03	2.07E-09	1.0E+06	2.1E-03
50	0.19154	7.62E-03	1.5E-03	1.05E-03	1.52E-06	1.29E-03	1.97E-09	1.0E+06	2.0E-03
51	0.07326	7.62E-03	5.6E-04	1.05E-03	5.83E-07	1.29E-03	7.53E-10	1.0E+06	7.5E-04
52	0.07766	7.62E-03	5.9E-04	1.05E-03	6.18E-07	1.29E-03	7.98E-10	1.0E+06	8.0E-04
53	0.0894	7.62E-03	6.8E-04	1.05E-03	7.12E-07	1.29E-03	9.19E-10	1.0E+06	9.2E-04
54	0.12381	7.62E-03	9.4E-04	1.05E-03	9.85E-07	1.29E-03	1.27E-09	1.0E+06	1.3E-03
55	0.12876	7.62E-03	9.8E-04	1.05E-03	1.02E-06	1.29E-03	1.32E-09	1.0E+06	1.3E-03
56	0.13368	7.62E-03	1.0E-03	1.05E-03	1.06E-06	1.29E-03	1.37E-09	1.0E+06	1.4E-03
57	0.139	7.62E-03	1.1E-03	1.05E-03	1.11E-06	1.29E-03	1.43E-09	1.0E+06	1.4E-03
58	0.14507	7.62E-03	1.1E-03	1.05E-03	1.15E-06	1.29E-03	1.49E-09	1.0E+06	1.5E-03
59	0.15299	7.62E-03	1.2E-03	1.05E-03	1.22E-06	1.29E-03	1.57E-09	1.0E+06	1.6E-03
60	0.16303	7.62E-03	1.2E-03	1.05E-03	1.30E-06	1.29E-03	1.68E-09	1.0E+06	1.7E-03
61	0.17541	7.62E-03	1.3E-03	1.05E-03	1.40E-06	1.29E-03	1.80E-09	1.0E+06	1.8E-03
62	0.18819	7.62E-03	1.4E-03	1.05E-03	1.50E-06	1.29E-03	1.93E-09	1.0E+06	1.9E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
63	0.20292	7.62E-03	1.5E-03	1.05E-03	1.62E-06	1.29E-03	2.09E-09	1.0E+06	2.1E-03
64	0.21878	7.62E-03	1.7E-03	1.05E-03	1.74E-06	1.29E-03	2.25E-09	1.0E+06	2.2E-03
65	0.23412	7.62E-03	1.8E-03	1.05E-03	1.86E-06	1.29E-03	2.41E-09	1.0E+06	2.4E-03
66	0.24561	7.62E-03	1.9E-03	1.05E-03	1.95E-06	1.29E-03	2.52E-09	1.0E+06	2.5E-03
67	0.2548	7.62E-03	1.9E-03	1.05E-03	2.03E-06	1.29E-03	2.62E-09	1.0E+06	2.6E-03
68	0.26029	7.62E-03	2.0E-03	1.05E-03	2.07E-06	1.29E-03	2.68E-09	1.0E+06	2.7E-03
69	0.26122	7.62E-03	2.0E-03	1.05E-03	2.08E-06	1.29E-03	2.69E-09	1.0E+06	2.7E-03
70	0.25788	7.62E-03	2.0E-03	1.05E-03	2.05E-06	1.29E-03	2.65E-09	1.0E+06	2.7E-03
71	0.25087	7.62E-03	1.9E-03	1.05E-03	2.00E-06	1.29E-03	2.58E-09	1.0E+06	2.6E-03
72	0.24102	7.62E-03	1.8E-03	1.05E-03	1.92E-06	1.29E-03	2.48E-09	1.0E+06	2.5E-03
73	0.22913	7.62E-03	1.7E-03	1.05E-03	1.82E-06	1.29E-03	2.36E-09	1.0E+06	2.4E-03
74	0.21595	7.62E-03	1.6E-03	1.05E-03	1.72E-06	1.29E-03	2.22E-09	1.0E+06	2.2E-03
75	0.20213	7.62E-03	1.5E-03	1.05E-03	1.61E-06	1.29E-03	2.08E-09	1.0E+06	2.1E-03
76	0.08157	7.62E-03	6.2E-04	1.05E-03	6.49E-07	1.29E-03	8.39E-10	1.0E+06	8.4E-04
77	0.08655	7.62E-03	6.6E-04	1.05E-03	6.89E-07	1.29E-03	8.90E-10	1.0E+06	8.9E-04
78	0.09966	7.62E-03	7.6E-04	1.05E-03	7.93E-07	1.29E-03	1.02E-09	1.0E+06	1.0E-03
79	0.14381	7.62E-03	1.1E-03	1.05E-03	1.14E-06	1.29E-03	1.48E-09	1.0E+06	1.5E-03
80	0.15036	7.62E-03	1.1E-03	1.05E-03	1.20E-06	1.29E-03	1.55E-09	1.0E+06	1.5E-03
81	0.15689	7.62E-03	1.2E-03	1.05E-03	1.25E-06	1.29E-03	1.61E-09	1.0E+06	1.6E-03
82	0.16396	7.62E-03	1.2E-03	1.05E-03	1.31E-06	1.29E-03	1.69E-09	1.0E+06	1.7E-03
83	0.17219	7.62E-03	1.3E-03	1.05E-03	1.37E-06	1.29E-03	1.77E-09	1.0E+06	1.8E-03
84	0.18305	7.62E-03	1.4E-03	1.05E-03	1.46E-06	1.29E-03	1.88E-09	1.0E+06	1.9E-03
85	0.19688	7.62E-03	1.5E-03	1.05E-03	1.57E-06	1.29E-03	2.02E-09	1.0E+06	2.0E-03
86	0.21211	7.62E-03	1.6E-03	1.05E-03	1.69E-06	1.29E-03	2.18E-09	1.0E+06	2.2E-03
87	0.22999	7.62E-03	1.8E-03	1.05E-03	1.83E-06	1.29E-03	2.36E-09	1.0E+06	2.4E-03
88	0.25043	7.62E-03	1.9E-03	1.05E-03	1.99E-06	1.29E-03	2.57E-09	1.0E+06	2.6E-03
89	0.26997	7.62E-03	2.1E-03	1.05E-03	2.15E-06	1.29E-03	2.78E-09	1.0E+06	2.8E-03
90	0.28726	7.62E-03	2.2E-03	1.05E-03	2.29E-06	1.29E-03	2.95E-09	1.0E+06	3.0E-03
91	0.29757	7.62E-03	2.3E-03	1.05E-03	2.37E-06	1.29E-03	3.06E-09	1.0E+06	3.1E-03
92	0.30479	7.62E-03	2.3E-03	1.05E-03	2.43E-06	1.29E-03	3.13E-09	1.0E+06	3.1E-03
93	0.30591	7.62E-03	2.3E-03	1.05E-03	2.43E-06	1.29E-03	3.14E-09	1.0E+06	3.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.30122	7.62E-03	2.3E-03	1.05E-03	2.40E-06	1.29E-03	3.10E-09	1.0E+06	3.1E-03
95	0.29164	7.62E-03	2.2E-03	1.05E-03	2.32E-06	1.29E-03	3.00E-09	1.0E+06	3.0E-03
96	0.27834	7.62E-03	2.1E-03	1.05E-03	2.22E-06	1.29E-03	2.86E-09	1.0E+06	2.9E-03
97	0.26253	7.62E-03	2.0E-03	1.05E-03	2.09E-06	1.29E-03	2.70E-09	1.0E+06	2.7E-03
98	0.24532	7.62E-03	1.9E-03	1.05E-03	1.95E-06	1.29E-03	2.52E-09	1.0E+06	2.5E-03
99	0.22758	7.62E-03	1.7E-03	1.05E-03	1.81E-06	1.29E-03	2.34E-09	1.0E+06	2.3E-03
100	0.20998	7.62E-03	1.6E-03	1.05E-03	1.67E-06	1.29E-03	2.16E-09	1.0E+06	2.2E-03
101	0.09143	7.62E-03	7.0E-04	1.05E-03	7.28E-07	1.29E-03	9.40E-10	1.0E+06	9.4E-04
102	0.09675	7.62E-03	7.4E-04	1.05E-03	7.70E-07	1.29E-03	9.95E-10	1.0E+06	9.9E-04
103	0.11188	7.62E-03	8.5E-04	1.05E-03	8.91E-07	1.29E-03	1.15E-09	1.0E+06	1.2E-03
104	0.16935	7.62E-03	1.3E-03	1.05E-03	1.35E-06	1.29E-03	1.74E-09	1.0E+06	1.7E-03
105	0.17826	7.62E-03	1.4E-03	1.05E-03	1.42E-06	1.29E-03	1.83E-09	1.0E+06	1.8E-03
106	0.18709	7.62E-03	1.4E-03	1.05E-03	1.49E-06	1.29E-03	1.92E-09	1.0E+06	1.9E-03
107	0.19675	7.62E-03	1.5E-03	1.05E-03	1.57E-06	1.29E-03	2.02E-09	1.0E+06	2.0E-03
108	0.20823	7.62E-03	1.6E-03	1.05E-03	1.66E-06	1.29E-03	2.14E-09	1.0E+06	2.1E-03
109	0.22364	7.62E-03	1.7E-03	1.05E-03	1.78E-06	1.29E-03	2.30E-09	1.0E+06	2.3E-03
110	0.24287	7.62E-03	1.8E-03	1.05E-03	1.93E-06	1.29E-03	2.50E-09	1.0E+06	2.5E-03
111	0.26271	7.62E-03	2.0E-03	1.05E-03	2.09E-06	1.29E-03	2.70E-09	1.0E+06	2.7E-03
112	0.28901	7.62E-03	2.2E-03	1.05E-03	2.30E-06	1.29E-03	2.97E-09	1.0E+06	3.0E-03
113	0.3152	7.62E-03	2.4E-03	1.05E-03	2.51E-06	1.29E-03	3.24E-09	1.0E+06	3.2E-03
114	0.33833	7.62E-03	2.6E-03	1.05E-03	2.69E-06	1.29E-03	3.48E-09	1.0E+06	3.5E-03
115	0.35508	7.62E-03	2.7E-03	1.05E-03	2.83E-06	1.29E-03	3.65E-09	1.0E+06	3.7E-03
116	0.3623	7.62E-03	2.8E-03	1.05E-03	2.88E-06	1.29E-03	3.72E-09	1.0E+06	3.7E-03
117	0.36368	7.62E-03	2.8E-03	1.05E-03	2.89E-06	1.29E-03	3.74E-09	1.0E+06	3.7E-03
118	0.35689	7.62E-03	2.7E-03	1.05E-03	2.84E-06	1.29E-03	3.67E-09	1.0E+06	3.7E-03
119	0.34344	7.62E-03	2.6E-03	1.05E-03	2.73E-06	1.29E-03	3.53E-09	1.0E+06	3.5E-03
120	0.32516	7.62E-03	2.5E-03	1.05E-03	2.59E-06	1.29E-03	3.34E-09	1.0E+06	3.3E-03
121	0.30382	7.62E-03	2.3E-03	1.05E-03	2.42E-06	1.29E-03	3.12E-09	1.0E+06	3.1E-03
122	0.28099	7.62E-03	2.1E-03	1.05E-03	2.24E-06	1.29E-03	2.89E-09	1.0E+06	2.9E-03
123	0.25794	7.62E-03	2.0E-03	1.05E-03	2.05E-06	1.29E-03	2.65E-09	1.0E+06	2.7E-03
124	0.23552	7.62E-03	1.8E-03	1.05E-03	1.87E-06	1.29E-03	2.42E-09	1.0E+06	2.4E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
125	0.10321	7.62E-03	7.9E-04	1.05E-03	8.22E-07	1.29E-03	1.06E-09	1.0E+06	1.1E-03
126	0.11009	7.62E-03	8.4E-04	1.05E-03	8.76E-07	1.29E-03	1.13E-09	1.0E+06	1.1E-03
127	0.12643	7.62E-03	9.6E-04	1.05E-03	1.01E-06	1.29E-03	1.30E-09	1.0E+06	1.3E-03
128	0.21511	7.62E-03	1.6E-03	1.05E-03	1.71E-06	1.29E-03	2.21E-09	1.0E+06	2.2E-03
129	0.22743	7.62E-03	1.7E-03	1.05E-03	1.81E-06	1.29E-03	2.34E-09	1.0E+06	2.3E-03
130	0.24099	7.62E-03	1.8E-03	1.05E-03	1.92E-06	1.29E-03	2.48E-09	1.0E+06	2.5E-03
131	0.25766	7.62E-03	2.0E-03	1.05E-03	2.05E-06	1.29E-03	2.65E-09	1.0E+06	2.6E-03
132	0.28032	7.62E-03	2.1E-03	1.05E-03	2.23E-06	1.29E-03	2.88E-09	1.0E+06	2.9E-03
133	0.30646	7.62E-03	2.3E-03	1.05E-03	2.44E-06	1.29E-03	3.15E-09	1.0E+06	3.2E-03
134	0.33706	7.62E-03	2.6E-03	1.05E-03	2.68E-06	1.29E-03	3.47E-09	1.0E+06	3.5E-03
135	0.37252	7.62E-03	2.8E-03	1.05E-03	2.97E-06	1.29E-03	3.83E-09	1.0E+06	3.8E-03
136	0.405	7.62E-03	3.1E-03	1.05E-03	3.22E-06	1.29E-03	4.16E-09	1.0E+06	4.2E-03
137	0.42929	7.62E-03	3.3E-03	1.05E-03	3.42E-06	1.29E-03	4.41E-09	1.0E+06	4.4E-03
138	0.44007	7.62E-03	3.4E-03	1.05E-03	3.50E-06	1.29E-03	4.52E-09	1.0E+06	4.5E-03
139	0.44017	7.62E-03	3.4E-03	1.05E-03	3.50E-06	1.29E-03	4.53E-09	1.0E+06	4.5E-03
140	0.43009	7.62E-03	3.3E-03	1.05E-03	3.42E-06	1.29E-03	4.42E-09	1.0E+06	4.4E-03
141	0.4107	7.62E-03	3.1E-03	1.05E-03	3.27E-06	1.29E-03	4.22E-09	1.0E+06	4.2E-03
142	0.3849	7.62E-03	2.9E-03	1.05E-03	3.06E-06	1.29E-03	3.96E-09	1.0E+06	4.0E-03
143	0.3555	7.62E-03	2.7E-03	1.05E-03	2.83E-06	1.29E-03	3.65E-09	1.0E+06	3.7E-03
144	0.32477	7.62E-03	2.5E-03	1.05E-03	2.59E-06	1.29E-03	3.34E-09	1.0E+06	3.3E-03
145	0.29441	7.62E-03	2.2E-03	1.05E-03	2.34E-06	1.29E-03	3.03E-09	1.0E+06	3.0E-03
146	0.26558	7.62E-03	2.0E-03	1.05E-03	2.11E-06	1.29E-03	2.73E-09	1.0E+06	2.7E-03
147	0.11723	7.62E-03	8.9E-04	1.05E-03	9.33E-07	1.29E-03	1.21E-09	1.0E+06	1.2E-03
148	0.12549	7.62E-03	9.6E-04	1.05E-03	9.99E-07	1.29E-03	1.29E-09	1.0E+06	1.3E-03
149	0.14396	7.62E-03	1.1E-03	1.05E-03	1.15E-06	1.29E-03	1.48E-09	1.0E+06	1.5E-03
150	0.26517	7.62E-03	2.0E-03	1.05E-03	2.11E-06	1.29E-03	2.73E-09	1.0E+06	2.7E-03
151	0.28301	7.62E-03	2.2E-03	1.05E-03	2.25E-06	1.29E-03	2.91E-09	1.0E+06	2.9E-03
152	0.30235	7.62E-03	2.3E-03	1.05E-03	2.41E-06	1.29E-03	3.11E-09	1.0E+06	3.1E-03
153	0.32806	7.62E-03	2.5E-03	1.05E-03	2.61E-06	1.29E-03	3.37E-09	1.0E+06	3.4E-03
154	0.36261	7.62E-03	2.8E-03	1.05E-03	2.89E-06	1.29E-03	3.73E-09	1.0E+06	3.7E-03
155	0.398	7.62E-03	3.0E-03	1.05E-03	3.17E-06	1.29E-03	4.09E-09	1.0E+06	4.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
156	0.44632	7.62E-03	3.4E-03	1.05E-03	3.55E-06	1.29E-03	4.59E-09	1.0E+06	4.6E-03
157	0.4933	7.62E-03	3.8E-03	1.05E-03	3.93E-06	1.29E-03	5.07E-09	1.0E+06	5.1E-03
158	0.52892	7.62E-03	4.0E-03	1.05E-03	4.21E-06	1.29E-03	5.44E-09	1.0E+06	5.4E-03
159	0.54671	7.62E-03	4.2E-03	1.05E-03	4.35E-06	1.29E-03	5.62E-09	1.0E+06	5.6E-03
160	0.54482	7.62E-03	4.1E-03	1.05E-03	4.34E-06	1.29E-03	5.60E-09	1.0E+06	5.6E-03
161	0.52891	7.62E-03	4.0E-03	1.05E-03	4.21E-06	1.29E-03	5.44E-09	1.0E+06	5.4E-03
162	0.50004	7.62E-03	3.8E-03	1.05E-03	3.98E-06	1.29E-03	5.14E-09	1.0E+06	5.1E-03
163	0.46262	7.62E-03	3.5E-03	1.05E-03	3.68E-06	1.29E-03	4.76E-09	1.0E+06	4.8E-03
164	0.42119	7.62E-03	3.2E-03	1.05E-03	3.35E-06	1.29E-03	4.33E-09	1.0E+06	4.3E-03
165	0.37907	7.62E-03	2.9E-03	1.05E-03	3.02E-06	1.29E-03	3.90E-09	1.0E+06	3.9E-03
166	0.33857	7.62E-03	2.6E-03	1.05E-03	2.69E-06	1.29E-03	3.48E-09	1.0E+06	3.5E-03
167	0.30106	7.62E-03	2.3E-03	1.05E-03	2.40E-06	1.29E-03	3.10E-09	1.0E+06	3.1E-03
168	0.26721	7.62E-03	2.0E-03	1.05E-03	2.13E-06	1.29E-03	2.75E-09	1.0E+06	2.7E-03
169	0.1338	7.62E-03	1.0E-03	1.05E-03	1.06E-06	1.29E-03	1.38E-09	1.0E+06	1.4E-03
170	0.14452	7.62E-03	1.1E-03	1.05E-03	1.15E-06	1.29E-03	1.49E-09	1.0E+06	1.5E-03
171	0.16468	7.62E-03	1.3E-03	1.05E-03	1.31E-06	1.29E-03	1.69E-09	1.0E+06	1.7E-03
172	0.18144	7.62E-03	1.4E-03	1.05E-03	1.44E-06	1.29E-03	1.87E-09	1.0E+06	1.9E-03
173	0.33557	7.62E-03	2.6E-03	1.05E-03	2.67E-06	1.29E-03	3.45E-09	1.0E+06	3.4E-03
174	0.36248	7.62E-03	2.8E-03	1.05E-03	2.89E-06	1.29E-03	3.73E-09	1.0E+06	3.7E-03
175	0.39215	7.62E-03	3.0E-03	1.05E-03	3.12E-06	1.29E-03	4.03E-09	1.0E+06	4.0E-03
176	0.43309	7.62E-03	3.3E-03	1.05E-03	3.45E-06	1.29E-03	4.45E-09	1.0E+06	4.5E-03
177	0.48554	7.62E-03	3.7E-03	1.05E-03	3.86E-06	1.29E-03	4.99E-09	1.0E+06	5.0E-03
178	0.54331	7.62E-03	4.1E-03	1.05E-03	4.32E-06	1.29E-03	5.59E-09	1.0E+06	5.6E-03
179	0.61192	7.62E-03	4.7E-03	1.05E-03	4.87E-06	1.29E-03	6.29E-09	1.0E+06	6.3E-03
180	0.66756	7.62E-03	5.1E-03	1.05E-03	5.31E-06	1.29E-03	6.86E-09	1.0E+06	6.9E-03
181	0.69666	7.62E-03	5.3E-03	1.05E-03	5.55E-06	1.29E-03	7.16E-09	1.0E+06	7.2E-03
182	0.69355	7.62E-03	5.3E-03	1.05E-03	5.52E-06	1.29E-03	7.13E-09	1.0E+06	7.1E-03
183	0.39228	7.62E-03	3.0E-03	1.05E-03	3.12E-06	1.29E-03	4.03E-09	1.0E+06	4.0E-03
184	0.34306	7.62E-03	2.6E-03	1.05E-03	2.73E-06	1.29E-03	3.53E-09	1.0E+06	3.5E-03
185	0.16731	7.62E-03	1.3E-03	1.05E-03	1.33E-06	1.29E-03	1.72E-09	1.0E+06	1.7E-03
186	0.18831	7.62E-03	1.4E-03	1.05E-03	1.50E-06	1.29E-03	1.94E-09	1.0E+06	1.9E-03



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
187	0.21275	7.62E-03	1.6E-03	1.05E-03	1.69E-06	1.29E-03	2.19E-09	1.0E+06	2.2E-03
188	0.43896	7.62E-03	3.3E-03	1.05E-03	3.49E-06	1.29E-03	4.51E-09	1.0E+06	4.5E-03
189	0.48188	7.62E-03	3.7E-03	1.05E-03	3.84E-06	1.29E-03	4.95E-09	1.0E+06	5.0E-03
190	0.53031	7.62E-03	4.0E-03	1.05E-03	4.22E-06	1.29E-03	5.45E-09	1.0E+06	5.5E-03
191	0.59833	7.62E-03	4.6E-03	1.05E-03	4.76E-06	1.29E-03	6.15E-09	1.0E+06	6.2E-03
192	0.67744	7.62E-03	5.2E-03	1.05E-03	5.39E-06	1.29E-03	6.96E-09	1.0E+06	7.0E-03
193	0.778	7.62E-03	5.9E-03	1.05E-03	6.19E-06	1.29E-03	8.00E-09	1.0E+06	8.0E-03
194	0.86807	7.62E-03	6.6E-03	1.05E-03	6.91E-06	1.29E-03	8.92E-09	1.0E+06	8.9E-03
195	0.91741	7.62E-03	7.0E-03	1.05E-03	7.30E-06	1.29E-03	9.43E-09	1.0E+06	9.4E-03
196	0.9168	7.62E-03	7.0E-03	1.05E-03	7.30E-06	1.29E-03	9.43E-09	1.0E+06	9.4E-03
197	0.87045	7.62E-03	6.6E-03	1.05E-03	6.93E-06	1.29E-03	8.95E-09	1.0E+06	8.9E-03
198	0.21925	7.62E-03	1.7E-03	1.05E-03	1.75E-06	1.29E-03	2.25E-09	1.0E+06	2.3E-03
199	0.25142	7.62E-03	1.9E-03	1.05E-03	2.00E-06	1.29E-03	2.58E-09	1.0E+06	2.6E-03
200	0.25402	7.62E-03	1.9E-03	1.05E-03	2.02E-06	1.29E-03	2.61E-09	1.0E+06	2.6E-03
201	0.29686	7.62E-03	2.3E-03	1.05E-03	2.36E-06	1.29E-03	3.05E-09	1.0E+06	3.1E-03
202	0.34659	7.62E-03	2.6E-03	1.05E-03	2.76E-06	1.29E-03	3.56E-09	1.0E+06	3.6E-03
203	0.35145	7.62E-03	2.7E-03	1.05E-03	2.80E-06	1.29E-03	3.61E-09	1.0E+06	3.6E-03
204	0.42484	7.62E-03	3.2E-03	1.05E-03	3.38E-06	1.29E-03	4.37E-09	1.0E+06	4.4E-03
205	0.51612	7.62E-03	3.9E-03	1.05E-03	4.11E-06	1.29E-03	5.31E-09	1.0E+06	5.3E-03
206	0.51464	7.62E-03	3.9E-03	1.05E-03	4.10E-06	1.29E-03	5.29E-09	1.0E+06	5.3E-03
207	0.65689	7.62E-03	5.0E-03	1.05E-03	5.23E-06	1.29E-03	6.75E-09	1.0E+06	6.8E-03
208	0.84977	7.62E-03	6.5E-03	1.05E-03	6.76E-06	1.29E-03	8.74E-09	1.0E+06	8.7E-03
209	0.62138	7.62E-03	4.7E-03	1.05E-03	4.95E-06	1.29E-03	6.39E-09	1.0E+06	6.4E-03
210	0.82565	7.62E-03	6.3E-03	1.05E-03	6.57E-06	1.29E-03	8.49E-09	1.0E+06	8.5E-03
211	1.14395	7.62E-03	8.7E-03	1.05E-03	9.11E-06	1.29E-03	1.18E-08	1.0E+06	1.2E-02
212	1.02724	7.62E-03	7.8E-03	1.05E-03	8.18E-06	1.29E-03	1.06E-08	1.0E+06	1.1E-02
213	1.51401	7.62E-03	1.2E-02	1.05E-03	1.21E-05	1.29E-03	1.56E-08	1.0E+06	1.6E-02
214	2.41236	7.62E-03	1.8E-02	1.05E-03	1.92E-05	1.29E-03	2.48E-08	1.0E+06	2.5E-02
215	1.25084	7.62E-03	9.5E-03	1.05E-03	9.96E-06	1.29E-03	1.29E-08	1.0E+06	1.3E-02
216	1.91154	7.62E-03	1.5E-02	1.05E-03	1.52E-05	1.29E-03	1.97E-08	1.0E+06	2.0E-02
217	3.22864	7.62E-03	2.5E-02	1.05E-03	2.57E-05	1.29E-03	3.32E-08	1.0E+06	3.3E-02

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
218	3.58447	7.62E-03	2.7E-02	1.05E-03	2.85E-05	1.29E-03	3.68E-08	1.0E+06	3.7E-02
219	6.35607	7.62E-03	4.8E-02	1.05E-03	5.06E-05	1.29E-03	6.53E-08	1.0E+06	6.5E-02
220	3.23757	7.62E-03	2.5E-02	1.05E-03	2.58E-05	1.29E-03	3.33E-08	1.0E+06	3.3E-02
221	4.85674	7.62E-03	3.7E-02	1.05E-03	3.87E-05	1.29E-03	4.99E-08	1.0E+06	5.0E-02
222	2.51411	7.62E-03	1.9E-02	1.05E-03	2.00E-05	1.29E-03	2.58E-08	1.0E+06	2.6E-02
223	3.24955	7.62E-03	2.5E-02	1.05E-03	2.59E-05	1.29E-03	3.34E-08	1.0E+06	3.3E-02
224	3.86771	7.62E-03	2.9E-02	1.05E-03	3.08E-05	1.29E-03	3.98E-08	1.0E+06	4.0E-02
225	2.08835	7.62E-03	1.6E-02	1.05E-03	1.66E-05	1.29E-03	2.15E-08	1.0E+06	2.1E-02
226	2.20499	7.62E-03	1.7E-02	1.05E-03	1.76E-05	1.29E-03	2.27E-08	1.0E+06	2.3E-02
227	0.08906	7.62E-03	6.8E-04	1.05E-03	7.09E-07	1.29E-03	9.16E-10	1.0E+06	9.2E-04
228	0.08067	7.62E-03	6.1E-04	1.05E-03	6.42E-07	1.29E-03	8.29E-10	1.0E+06	8.3E-04
229	0.07345	7.62E-03	5.6E-04	1.05E-03	5.85E-07	1.29E-03	7.55E-10	1.0E+06	7.6E-04
230	0.0672	7.62E-03	5.1E-04	1.05E-03	5.35E-07	1.29E-03	6.91E-10	1.0E+06	6.9E-04
231	0.08305	7.62E-03	6.3E-04	1.05E-03	6.61E-07	1.29E-03	8.54E-10	1.0E+06	8.5E-04
232	0.07561	7.62E-03	5.8E-04	1.05E-03	6.02E-07	1.29E-03	7.77E-10	1.0E+06	7.8E-04
233	0.06916	7.62E-03	5.3E-04	1.05E-03	5.50E-07	1.29E-03	7.11E-10	1.0E+06	7.1E-04
234	0.06352	7.62E-03	4.8E-04	1.05E-03	5.06E-07	1.29E-03	6.53E-10	1.0E+06	6.5E-04
235	0.07748	7.62E-03	5.9E-04	1.05E-03	6.17E-07	1.29E-03	7.97E-10	1.0E+06	8.0E-04
236	0.07098	7.62E-03	5.4E-04	1.05E-03	5.65E-07	1.29E-03	7.30E-10	1.0E+06	7.3E-04
237	0.06525	7.62E-03	5.0E-04	1.05E-03	5.19E-07	1.29E-03	6.71E-10	1.0E+06	6.7E-04
238	0.06018	7.62E-03	4.6E-04	1.05E-03	4.79E-07	1.29E-03	6.19E-10	1.0E+06	6.2E-04
239	0.40184	7.62E-03	3.1E-03	1.05E-03	3.20E-06	1.29E-03	4.13E-09	1.0E+06	4.1E-03
240	0.36081	7.62E-03	2.7E-03	1.05E-03	2.87E-06	1.29E-03	3.71E-09	1.0E+06	3.7E-03
241	0.32566	7.62E-03	2.5E-03	1.05E-03	2.59E-06	1.29E-03	3.35E-09	1.0E+06	3.3E-03
242	0.29532	7.62E-03	2.2E-03	1.05E-03	2.35E-06	1.29E-03	3.04E-09	1.0E+06	3.0E-03
243	0.36498	7.62E-03	2.8E-03	1.05E-03	2.91E-06	1.29E-03	3.75E-09	1.0E+06	3.8E-03
244	0.33001	7.62E-03	2.5E-03	1.05E-03	2.63E-06	1.29E-03	3.39E-09	1.0E+06	3.4E-03
245	0.29968	7.62E-03	2.3E-03	1.05E-03	2.39E-06	1.29E-03	3.08E-09	1.0E+06	3.1E-03
246	0.2732	7.62E-03	2.1E-03	1.05E-03	2.17E-06	1.29E-03	2.81E-09	1.0E+06	2.8E-03
247	0.33264	7.62E-03	2.5E-03	1.05E-03	2.65E-06	1.29E-03	3.42E-09	1.0E+06	3.4E-03
248	0.30271	7.62E-03	2.3E-03	1.05E-03	2.41E-06	1.29E-03	3.11E-09	1.0E+06	3.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
249	0.27644	7.62E-03	2.1E-03	1.05E-03	2.20E-06	1.29E-03	2.84E-09	1.0E+06	2.8E-03
250	0.25323	7.62E-03	1.9E-03	1.05E-03	2.02E-06	1.29E-03	2.60E-09	1.0E+06	2.6E-03
251	0.16523	7.62E-03	1.3E-03	1.05E-03	1.32E-06	1.29E-03	1.70E-09	1.0E+06	1.7E-03
252	0.15481	7.62E-03	1.2E-03	1.05E-03	1.23E-06	1.29E-03	1.59E-09	1.0E+06	1.6E-03
253	0.18894	7.62E-03	1.4E-03	1.05E-03	1.50E-06	1.29E-03	1.94E-09	1.0E+06	1.9E-03
254	0.17655	7.62E-03	1.3E-03	1.05E-03	1.41E-06	1.29E-03	1.82E-09	1.0E+06	1.8E-03
255	0.15507	7.62E-03	1.2E-03	1.05E-03	1.23E-06	1.29E-03	1.59E-09	1.0E+06	1.6E-03
256	0.14572	7.62E-03	1.1E-03	1.05E-03	1.16E-06	1.29E-03	1.50E-09	1.0E+06	1.5E-03
257	0.12225	7.62E-03	9.3E-04	1.05E-03	9.73E-07	1.29E-03	1.26E-09	1.0E+06	1.3E-03
258	0.17603	7.62E-03	1.3E-03	1.05E-03	1.40E-06	1.29E-03	1.81E-09	1.0E+06	1.8E-03
259	0.16496	7.62E-03	1.3E-03	1.05E-03	1.31E-06	1.29E-03	1.70E-09	1.0E+06	1.7E-03
260	0.15483	7.62E-03	1.2E-03	1.05E-03	1.23E-06	1.29E-03	1.59E-09	1.0E+06	1.6E-03
261	0.14564	7.62E-03	1.1E-03	1.05E-03	1.16E-06	1.29E-03	1.50E-09	1.0E+06	1.5E-03
262	0.13724	7.62E-03	1.0E-03	1.05E-03	1.09E-06	1.29E-03	1.41E-09	1.0E+06	1.4E-03
263	0.11602	7.62E-03	8.8E-04	1.05E-03	9.23E-07	1.29E-03	1.19E-09	1.0E+06	1.2E-03
264	0.15435	7.62E-03	1.2E-03	1.05E-03	1.23E-06	1.29E-03	1.59E-09	1.0E+06	1.6E-03
265	0.14527	7.62E-03	1.1E-03	1.05E-03	1.16E-06	1.29E-03	1.49E-09	1.0E+06	1.5E-03
266	0.13696	7.62E-03	1.0E-03	1.05E-03	1.09E-06	1.29E-03	1.41E-09	1.0E+06	1.4E-03
267	0.12934	7.62E-03	9.8E-04	1.05E-03	1.03E-06	1.29E-03	1.33E-09	1.0E+06	1.3E-03
268	0.11015	7.62E-03	8.4E-04	1.05E-03	8.77E-07	1.29E-03	1.13E-09	1.0E+06	1.1E-03
269	0.17159	7.62E-03	1.3E-03	1.05E-03	1.37E-06	1.29E-03	1.76E-09	1.0E+06	1.8E-03
270	0.15068	7.62E-03	1.1E-03	1.05E-03	1.20E-06	1.29E-03	1.55E-09	1.0E+06	1.5E-03
271	0.13348	7.62E-03	1.0E-03	1.05E-03	1.06E-06	1.29E-03	1.37E-09	1.0E+06	1.4E-03
272	0.11917	7.62E-03	9.1E-04	1.05E-03	9.49E-07	1.29E-03	1.23E-09	1.0E+06	1.2E-03
273	0.10715	7.62E-03	8.2E-04	1.05E-03	8.53E-07	1.29E-03	1.10E-09	1.0E+06	1.1E-03
274	0.09697	7.62E-03	7.4E-04	1.05E-03	7.72E-07	1.29E-03	9.97E-10	1.0E+06	1.0E-03
275	0.08827	7.62E-03	6.7E-04	1.05E-03	7.03E-07	1.29E-03	9.07E-10	1.0E+06	9.1E-04
276	0.15507	7.62E-03	1.2E-03	1.05E-03	1.23E-06	1.29E-03	1.59E-09	1.0E+06	1.6E-03
277	0.13687	7.62E-03	1.0E-03	1.05E-03	1.09E-06	1.29E-03	1.41E-09	1.0E+06	1.4E-03
278	0.12183	7.62E-03	9.3E-04	1.05E-03	9.70E-07	1.29E-03	1.25E-09	1.0E+06	1.3E-03
279	0.10926	7.62E-03	8.3E-04	1.05E-03	8.70E-07	1.29E-03	1.12E-09	1.0E+06	1.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk			
				Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
280	0.09865	7.62E-03	7.5E-04	1.05E-03	7.85E-07	1.29E-03	1.01E-09	1.0E+06	1.0E-03
281	0.08962	7.62E-03	6.8E-04	1.05E-03	7.13E-07	1.29E-03	9.21E-10	1.0E+06	9.2E-04
282	0.08186	7.62E-03	6.2E-04	1.05E-03	6.52E-07	1.29E-03	8.42E-10	1.0E+06	8.4E-04
283	0.13944	7.62E-03	1.1E-03	1.05E-03	1.11E-06	1.29E-03	1.43E-09	1.0E+06	1.4E-03
284	0.1238	7.62E-03	9.4E-04	1.05E-03	9.85E-07	1.29E-03	1.27E-09	1.0E+06	1.3E-03
285	0.11079	7.62E-03	8.4E-04	1.05E-03	8.82E-07	1.29E-03	1.14E-09	1.0E+06	1.1E-03
286	0.09984	7.62E-03	7.6E-04	1.05E-03	7.95E-07	1.29E-03	1.03E-09	1.0E+06	1.0E-03
287	0.09054	7.62E-03	6.9E-04	1.05E-03	7.21E-07	1.29E-03	9.31E-10	1.0E+06	9.3E-04
288	0.08258	7.62E-03	6.3E-04	1.05E-03	6.57E-07	1.29E-03	8.49E-10	1.0E+06	8.5E-04
289	0.07571	7.62E-03	5.8E-04	1.05E-03	6.03E-07	1.29E-03	7.78E-10	1.0E+06	7.8E-04
290	0.12498	7.62E-03	9.5E-04	1.05E-03	9.95E-07	1.29E-03	1.28E-09	1.0E+06	1.3E-03
291	0.11165	7.62E-03	8.5E-04	1.05E-03	8.89E-07	1.29E-03	1.15E-09	1.0E+06	1.1E-03
292	0.10045	7.62E-03	7.6E-04	1.05E-03	8.00E-07	1.29E-03	1.03E-09	1.0E+06	1.0E-03
293	0.09097	7.62E-03	6.9E-04	1.05E-03	7.24E-07	1.29E-03	9.35E-10	1.0E+06	9.4E-04
294	0.08286	7.62E-03	6.3E-04	1.05E-03	6.60E-07	1.29E-03	8.52E-10	1.0E+06	8.5E-04
295	0.07588	7.62E-03	5.8E-04	1.05E-03	6.04E-07	1.29E-03	7.80E-10	1.0E+06	7.8E-04
296	0.06983	7.62E-03	5.3E-04	1.05E-03	5.56E-07	1.29E-03	7.18E-10	1.0E+06	7.2E-04
297	0.11197	7.62E-03	8.5E-04	1.05E-03	8.91E-07	1.29E-03	1.15E-09	1.0E+06	1.2E-03
298	0.10061	7.62E-03	7.7E-04	1.05E-03	8.01E-07	1.29E-03	1.03E-09	1.0E+06	1.0E-03
299	0.091	7.62E-03	6.9E-04	1.05E-03	7.24E-07	1.29E-03	9.36E-10	1.0E+06	9.4E-04
300	0.0828	7.62E-03	6.3E-04	1.05E-03	6.59E-07	1.29E-03	8.51E-10	1.0E+06	8.5E-04
301	0.07575	7.62E-03	5.8E-04	1.05E-03	6.03E-07	1.29E-03	7.79E-10	1.0E+06	7.8E-04
302	0.06964	7.62E-03	5.3E-04	1.05E-03	5.54E-07	1.29E-03	7.16E-10	1.0E+06	7.2E-04
303	0.06431	7.62E-03	4.9E-04	1.05E-03	5.12E-07	1.29E-03	6.61E-10	1.0E+06	6.6E-04
304	0.10064	7.62E-03	7.7E-04	1.05E-03	8.01E-07	1.29E-03	1.03E-09	1.0E+06	1.0E-03
305	0.09092	7.62E-03	6.9E-04	1.05E-03	7.24E-07	1.29E-03	9.35E-10	1.0E+06	9.3E-04
306	0.08263	7.62E-03	6.3E-04	1.05E-03	6.58E-07	1.29E-03	8.49E-10	1.0E+06	8.5E-04
307	0.07552	7.62E-03	5.8E-04	1.05E-03	6.01E-07	1.29E-03	7.76E-10	1.0E+06	7.8E-04
308	0.06936	7.62E-03	5.3E-04	1.05E-03	5.52E-07	1.29E-03	7.13E-10	1.0E+06	7.1E-04
309	0.064	7.62E-03	4.9E-04	1.05E-03	5.09E-07	1.29E-03	6.58E-10	1.0E+06	6.6E-04
310	0.0593	7.62E-03	4.5E-04	1.05E-03	4.72E-07	1.29E-03	6.10E-10	1.0E+06	6.1E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Grading Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.09124	7.62E-03	6.9E-04	1.05E-03	7.26E-07	1.29E-03	9.38E-10	1.0E+06	9.4E-04
312	0.08276	7.62E-03	6.3E-04	1.05E-03	6.59E-07	1.29E-03	8.51E-10	1.0E+06	8.5E-04
313	0.07553	7.62E-03	5.8E-04	1.05E-03	6.01E-07	1.29E-03	7.76E-10	1.0E+06	7.8E-04
314	0.06927	7.62E-03	5.3E-04	1.05E-03	5.51E-07	1.29E-03	7.12E-10	1.0E+06	7.1E-04
315	0.06384	7.62E-03	4.9E-04	1.05E-03	5.08E-07	1.29E-03	6.56E-10	1.0E+06	6.6E-04
316	0.05909	7.62E-03	4.5E-04	1.05E-03	4.70E-07	1.29E-03	6.07E-10	1.0E+06	6.1E-04
317	0.05491	7.62E-03	4.2E-04	1.05E-03	4.37E-07	1.29E-03	5.64E-10	1.0E+06	5.6E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Grading Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	9.18E-05
2	5	9.65E-05
3	5	1.12E-04
4	5	1.45E-04
5	5	1.49E-04
6	5	1.54E-04
7	5	1.59E-04
8	5	1.64E-04
9	5	1.71E-04
10	5	1.80E-04
11	5	1.90E-04
12	5	2.02E-04
13	5	2.15E-04
14	5	2.30E-04
15	5	2.45E-04
16	5	2.61E-04
17	5	2.74E-04
18	5	2.86E-04
19	5	2.95E-04
20	5	3.00E-04
21	5	3.01E-04
22	5	2.98E-04
23	5	2.92E-04
24	5	2.83E-04
25	5	2.73E-04
26	5	1.01E-04
27	5	1.07E-04
28	5	1.23E-04
29	5	1.64E-04
30	5	1.70E-04
31	5	1.76E-04

Max	Receptor #
0.010	219

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	1.82E-04
33	5	1.89E-04
34	5	1.98E-04
35	5	2.09E-04
36	5	2.23E-04
37	5	2.39E-04
38	5	2.55E-04
39	5	2.75E-04
40	5	2.94E-04
41	5	3.11E-04
42	5	3.25E-04
43	5	3.37E-04
44	5	3.43E-04
45	5	3.44E-04
46	5	3.40E-04
47	5	3.32E-04
48	5	3.21E-04
49	5	3.07E-04
50	5	2.92E-04
51	5	1.12E-04
52	5	1.18E-04
53	5	1.36E-04
54	5	1.89E-04
55	5	1.96E-04
56	5	2.04E-04
57	5	2.12E-04
58	5	2.21E-04
59	5	2.33E-04
60	5	2.48E-04
61	5	2.67E-04
62	5	2.87E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	3.09E-04
64	5	3.33E-04
65	5	3.57E-04
66	5	3.74E-04
67	5	3.88E-04
68	5	3.96E-04
69	5	3.98E-04
70	5	3.93E-04
71	5	3.82E-04
72	5	3.67E-04
73	5	3.49E-04
74	5	3.29E-04
75	5	3.08E-04
76	5	1.24E-04
77	5	1.32E-04
78	5	1.52E-04
79	5	2.19E-04
80	5	2.29E-04
81	5	2.39E-04
82	5	2.50E-04
83	5	2.62E-04
84	5	2.79E-04
85	5	3.00E-04
86	5	3.23E-04
87	5	3.50E-04
88	5	3.81E-04
89	5	4.11E-04
90	5	4.38E-04
91	5	4.53E-04
92	5	4.64E-04
93	5	4.66E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	4.59E-04
95	5	4.44E-04
96	5	4.24E-04
97	5	4.00E-04
98	5	3.74E-04
99	5	3.47E-04
100	5	3.20E-04
101	5	1.39E-04
102	5	1.47E-04
103	5	1.70E-04
104	5	2.58E-04
105	5	2.72E-04
106	5	2.85E-04
107	5	3.00E-04
108	5	3.17E-04
109	5	3.41E-04
110	5	3.70E-04
111	5	4.00E-04
112	5	4.40E-04
113	5	4.80E-04
114	5	5.15E-04
115	5	5.41E-04
116	5	5.52E-04
117	5	5.54E-04
118	5	5.44E-04
119	5	5.23E-04
120	5	4.95E-04
121	5	4.63E-04
122	5	4.28E-04
123	5	3.93E-04
124	5	3.59E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.57E-04
126	5	1.68E-04
127	5	1.93E-04
128	5	3.28E-04
129	5	3.46E-04
130	5	3.67E-04
131	5	3.92E-04
132	5	4.27E-04
133	5	4.67E-04
134	5	5.13E-04
135	5	5.67E-04
136	5	6.17E-04
137	5	6.54E-04
138	5	6.70E-04
139	5	6.70E-04
140	5	6.55E-04
141	5	6.26E-04
142	5	5.86E-04
143	5	5.41E-04
144	5	4.95E-04
145	5	4.48E-04
146	5	4.04E-04
147	5	1.79E-04
148	5	1.91E-04
149	5	2.19E-04
150	5	4.04E-04
151	5	4.31E-04
152	5	4.60E-04
153	5	5.00E-04
154	5	5.52E-04
155	5	6.06E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	6.80E-04
157	5	7.51E-04
158	5	8.06E-04
159	5	8.33E-04
160	5	8.30E-04
161	5	8.06E-04
162	5	7.62E-04
163	5	7.05E-04
164	5	6.41E-04
165	5	5.77E-04
166	5	5.16E-04
167	5	4.59E-04
168	5	4.07E-04
169	5	2.04E-04
170	5	2.20E-04
171	5	2.51E-04
172	5	2.76E-04
173	5	5.11E-04
174	5	5.52E-04
175	5	5.97E-04
176	5	6.60E-04
177	5	7.40E-04
178	5	8.27E-04
179	5	9.32E-04
180	5	1.02E-03
181	5	1.06E-03
182	5	1.06E-03
183	5	5.97E-04
184	5	5.23E-04
185	5	2.55E-04
186	5	2.87E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	3.24E-04
188	5	6.69E-04
189	5	7.34E-04
190	5	8.08E-04
191	5	9.11E-04
192	5	1.03E-03
193	5	1.18E-03
194	5	1.32E-03
195	5	1.40E-03
196	5	1.40E-03
197	5	1.33E-03
198	5	3.34E-04
199	5	3.83E-04
200	5	3.87E-04
201	5	4.52E-04
202	5	5.28E-04
203	5	5.35E-04
204	5	6.47E-04
205	5	7.86E-04
206	5	7.84E-04
207	5	1.00E-03
208	5	1.29E-03
209	5	9.46E-04
210	5	1.26E-03
211	5	1.74E-03
212	5	1.56E-03
213	5	2.31E-03
214	5	3.67E-03
215	5	1.91E-03
216	5	2.91E-03
217	5	4.92E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	5.46E-03
219	5	9.68E-03
220	5	4.93E-03
221	5	7.40E-03
222	5	3.83E-03
223	5	4.95E-03
224	5	5.89E-03
225	5	3.18E-03
226	5	3.36E-03
227	5	1.36E-04
228	5	1.23E-04
229	5	1.12E-04
230	5	1.02E-04
231	5	1.26E-04
232	5	1.15E-04
233	5	1.05E-04
234	5	9.67E-05
235	5	1.18E-04
236	5	1.08E-04
237	5	9.94E-05
238	5	9.17E-05
239	5	6.12E-04
240	5	5.50E-04
241	5	4.96E-04
242	5	4.50E-04
243	5	5.56E-04
244	5	5.03E-04
245	5	4.56E-04
246	5	4.16E-04
247	5	5.07E-04
248	5	4.61E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	4.21E-04
250	5	3.86E-04
251	5	2.52E-04
252	5	2.36E-04
253	5	2.88E-04
254	5	2.69E-04
255	5	2.36E-04
256	5	2.22E-04
257	5	1.86E-04
258	5	2.68E-04
259	5	2.51E-04
260	5	2.36E-04
261	5	2.22E-04
262	5	2.09E-04
263	5	1.77E-04
264	5	2.35E-04
265	5	2.21E-04
266	5	2.09E-04
267	5	1.97E-04
268	5	1.68E-04
269	5	2.61E-04
270	5	2.29E-04
271	5	2.03E-04
272	5	1.82E-04
273	5	1.63E-04
274	5	1.48E-04
275	5	1.34E-04
276	5	2.36E-04
277	5	2.08E-04
278	5	1.86E-04
279	5	1.66E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	1.50E-04
281	5	1.36E-04
282	5	1.25E-04
283	5	2.12E-04
284	5	1.89E-04
285	5	1.69E-04
286	5	1.52E-04
287	5	1.38E-04
288	5	1.26E-04
289	5	1.15E-04
290	5	1.90E-04
291	5	1.70E-04
292	5	1.53E-04
293	5	1.39E-04
294	5	1.26E-04
295	5	1.16E-04
296	5	1.06E-04
297	5	1.71E-04
298	5	1.53E-04
299	5	1.39E-04
300	5	1.26E-04
301	5	1.15E-04
302	5	1.06E-04
303	5	9.79E-05
304	5	1.53E-04
305	5	1.38E-04
306	5	1.26E-04
307	5	1.15E-04
308	5	1.06E-04
309	5	9.75E-05
310	5	9.03E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Grading Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	1.39E-04
312	5	1.26E-04
313	5	1.15E-04
314	5	1.06E-04
315	5	9.72E-05
316	5	9.00E-05
317	5	8.36E-05



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Parcel 9-F: Unmitigated - Parcel 9 - Building Construction Risk



rincon

**RINCON CONSULTANTS, INC.**

Environmental Scientists | Planners | Engineers

[rinconconsultants.com](http://rinconconsultants.com)

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.06045	6.48E-03	3.9E-04	1.05E-03	4.10E-07	1.29E-03	5.29E-10	1.0E+06	5.3E-04
2	0.06352	6.48E-03	4.1E-04	1.05E-03	4.30E-07	1.29E-03	5.56E-10	1.0E+06	5.6E-04
3	0.07313	6.48E-03	4.7E-04	1.05E-03	4.96E-07	1.29E-03	6.40E-10	1.0E+06	6.4E-04
4	0.09487	6.48E-03	6.2E-04	1.05E-03	6.43E-07	1.29E-03	8.30E-10	1.0E+06	8.3E-04
5	0.09788	6.48E-03	6.3E-04	1.05E-03	6.63E-07	1.29E-03	8.57E-10	1.0E+06	8.6E-04
6	0.10087	6.48E-03	6.5E-04	1.05E-03	6.83E-07	1.29E-03	8.83E-10	1.0E+06	8.8E-04
7	0.10407	6.48E-03	6.7E-04	1.05E-03	7.05E-07	1.29E-03	9.11E-10	1.0E+06	9.1E-04
8	0.10774	6.48E-03	7.0E-04	1.05E-03	7.30E-07	1.29E-03	9.43E-10	1.0E+06	9.4E-04
9	0.11215	6.48E-03	7.3E-04	1.05E-03	7.60E-07	1.29E-03	9.81E-10	1.0E+06	9.8E-04
10	0.11763	6.48E-03	7.6E-04	1.05E-03	7.97E-07	1.29E-03	1.03E-09	1.0E+06	1.0E-03
11	0.12432	6.48E-03	8.1E-04	1.05E-03	8.42E-07	1.29E-03	1.09E-09	1.0E+06	1.1E-03
12	0.13214	6.48E-03	8.6E-04	1.05E-03	8.95E-07	1.29E-03	1.16E-09	1.0E+06	1.2E-03
13	0.14023	6.48E-03	9.1E-04	1.05E-03	9.50E-07	1.29E-03	1.23E-09	1.0E+06	1.2E-03
14	0.14974	6.48E-03	9.7E-04	1.05E-03	1.01E-06	1.29E-03	1.31E-09	1.0E+06	1.3E-03
15	0.16038	6.48E-03	1.0E-03	1.05E-03	1.09E-06	1.29E-03	1.40E-09	1.0E+06	1.4E-03
16	0.17102	6.48E-03	1.1E-03	1.05E-03	1.16E-06	1.29E-03	1.50E-09	1.0E+06	1.5E-03
17	0.1793	6.48E-03	1.2E-03	1.05E-03	1.21E-06	1.29E-03	1.57E-09	1.0E+06	1.6E-03
18	0.18751	6.48E-03	1.2E-03	1.05E-03	1.27E-06	1.29E-03	1.64E-09	1.0E+06	1.6E-03
19	0.19345	6.48E-03	1.3E-03	1.05E-03	1.31E-06	1.29E-03	1.69E-09	1.0E+06	1.7E-03
20	0.19681	6.48E-03	1.3E-03	1.05E-03	1.33E-06	1.29E-03	1.72E-09	1.0E+06	1.7E-03
21	0.19757	6.48E-03	1.3E-03	1.05E-03	1.34E-06	1.29E-03	1.73E-09	1.0E+06	1.7E-03
22	0.19588	6.48E-03	1.3E-03	1.05E-03	1.33E-06	1.29E-03	1.71E-09	1.0E+06	1.7E-03
23	0.19203	6.48E-03	1.2E-03	1.05E-03	1.30E-06	1.29E-03	1.68E-09	1.0E+06	1.7E-03
24	0.18639	6.48E-03	1.2E-03	1.05E-03	1.26E-06	1.29E-03	1.63E-09	1.0E+06	1.6E-03
25	0.17936	6.48E-03	1.2E-03	1.05E-03	1.22E-06	1.29E-03	1.57E-09	1.0E+06	1.6E-03
26	0.06639	6.48E-03	4.3E-04	1.05E-03	4.50E-07	1.29E-03	5.81E-10	1.0E+06	5.8E-04
27	0.07	6.48E-03	4.5E-04	1.05E-03	4.74E-07	1.29E-03	6.13E-10	1.0E+06	6.1E-04
28	0.08048	6.48E-03	5.2E-04	1.05E-03	5.45E-07	1.29E-03	7.04E-10	1.0E+06	7.0E-04
29	0.10775	6.48E-03	7.0E-04	1.05E-03	7.30E-07	1.29E-03	9.43E-10	1.0E+06	9.4E-04
30	0.11157	6.48E-03	7.2E-04	1.05E-03	7.56E-07	1.29E-03	9.76E-10	1.0E+06	9.8E-04
31	0.11535	6.48E-03	7.5E-04	1.05E-03	7.82E-07	1.29E-03	1.01E-09	1.0E+06	1.0E-03

<b>Max</b>	<b>Receptor #</b>
0.055	219

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.11941	6.48E-03	7.7E-04	1.05E-03	8.09E-07	1.29E-03	1.04E-09	1.0E+06	1.0E-03
33	0.12411	6.48E-03	8.0E-04	1.05E-03	8.41E-07	1.29E-03	1.09E-09	1.0E+06	1.1E-03
34	0.1299	6.48E-03	8.4E-04	1.05E-03	8.80E-07	1.29E-03	1.14E-09	1.0E+06	1.1E-03
35	0.13712	6.48E-03	8.9E-04	1.05E-03	9.29E-07	1.29E-03	1.20E-09	1.0E+06	1.2E-03
36	0.14606	6.48E-03	9.5E-04	1.05E-03	9.90E-07	1.29E-03	1.28E-09	1.0E+06	1.3E-03
37	0.15564	6.48E-03	1.0E-03	1.05E-03	1.05E-06	1.29E-03	1.36E-09	1.0E+06	1.4E-03
38	0.16629	6.48E-03	1.1E-03	1.05E-03	1.13E-06	1.29E-03	1.46E-09	1.0E+06	1.5E-03
39	0.1789	6.48E-03	1.2E-03	1.05E-03	1.21E-06	1.29E-03	1.57E-09	1.0E+06	1.6E-03
40	0.1921	6.48E-03	1.2E-03	1.05E-03	1.30E-06	1.29E-03	1.68E-09	1.0E+06	1.7E-03
41	0.20358	6.48E-03	1.3E-03	1.05E-03	1.38E-06	1.29E-03	1.78E-09	1.0E+06	1.8E-03
42	0.21299	6.48E-03	1.4E-03	1.05E-03	1.44E-06	1.29E-03	1.86E-09	1.0E+06	1.9E-03
43	0.22073	6.48E-03	1.4E-03	1.05E-03	1.50E-06	1.29E-03	1.93E-09	1.0E+06	1.9E-03
44	0.2251	6.48E-03	1.5E-03	1.05E-03	1.53E-06	1.29E-03	1.97E-09	1.0E+06	2.0E-03
45	0.226	6.48E-03	1.5E-03	1.05E-03	1.53E-06	1.29E-03	1.98E-09	1.0E+06	2.0E-03
46	0.22369	6.48E-03	1.5E-03	1.05E-03	1.52E-06	1.29E-03	1.96E-09	1.0E+06	2.0E-03
47	0.21857	6.48E-03	1.4E-03	1.05E-03	1.48E-06	1.29E-03	1.91E-09	1.0E+06	1.9E-03
48	0.21118	6.48E-03	1.4E-03	1.05E-03	1.43E-06	1.29E-03	1.85E-09	1.0E+06	1.8E-03
49	0.2021	6.48E-03	1.3E-03	1.05E-03	1.37E-06	1.29E-03	1.77E-09	1.0E+06	1.8E-03
50	0.19186	6.48E-03	1.2E-03	1.05E-03	1.30E-06	1.29E-03	1.68E-09	1.0E+06	1.7E-03
51	0.0734	6.48E-03	4.8E-04	1.05E-03	4.97E-07	1.29E-03	6.42E-10	1.0E+06	6.4E-04
52	0.07746	6.48E-03	5.0E-04	1.05E-03	5.25E-07	1.29E-03	6.78E-10	1.0E+06	6.8E-04
53	0.08908	6.48E-03	5.8E-04	1.05E-03	6.04E-07	1.29E-03	7.80E-10	1.0E+06	7.8E-04
54	0.12363	6.48E-03	8.0E-04	1.05E-03	8.38E-07	1.29E-03	1.08E-09	1.0E+06	1.1E-03
55	0.12858	6.48E-03	8.3E-04	1.05E-03	8.71E-07	1.29E-03	1.13E-09	1.0E+06	1.1E-03
56	0.13347	6.48E-03	8.7E-04	1.05E-03	9.04E-07	1.29E-03	1.17E-09	1.0E+06	1.2E-03
57	0.13872	6.48E-03	9.0E-04	1.05E-03	9.40E-07	1.29E-03	1.21E-09	1.0E+06	1.2E-03
58	0.14489	6.48E-03	9.4E-04	1.05E-03	9.82E-07	1.29E-03	1.27E-09	1.0E+06	1.3E-03
59	0.15258	6.48E-03	9.9E-04	1.05E-03	1.03E-06	1.29E-03	1.34E-09	1.0E+06	1.3E-03
60	0.16229	6.48E-03	1.1E-03	1.05E-03	1.10E-06	1.29E-03	1.42E-09	1.0E+06	1.4E-03
61	0.17437	6.48E-03	1.1E-03	1.05E-03	1.18E-06	1.29E-03	1.53E-09	1.0E+06	1.5E-03
62	0.18661	6.48E-03	1.2E-03	1.05E-03	1.26E-06	1.29E-03	1.63E-09	1.0E+06	1.6E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
63	0.20129	6.48E-03	1.3E-03	1.05E-03	1.36E-06	1.29E-03	1.76E-09	1.0E+06	1.8E-03
64	0.21791	6.48E-03	1.4E-03	1.05E-03	1.48E-06	1.29E-03	1.91E-09	1.0E+06	1.9E-03
65	0.23333	6.48E-03	1.5E-03	1.05E-03	1.58E-06	1.29E-03	2.04E-09	1.0E+06	2.0E-03
66	0.2449	6.48E-03	1.6E-03	1.05E-03	1.66E-06	1.29E-03	2.14E-09	1.0E+06	2.1E-03
67	0.25443	6.48E-03	1.6E-03	1.05E-03	1.72E-06	1.29E-03	2.23E-09	1.0E+06	2.2E-03
68	0.26021	6.48E-03	1.7E-03	1.05E-03	1.76E-06	1.29E-03	2.28E-09	1.0E+06	2.3E-03
69	0.26138	6.48E-03	1.7E-03	1.05E-03	1.77E-06	1.29E-03	2.29E-09	1.0E+06	2.3E-03
70	0.2582	6.48E-03	1.7E-03	1.05E-03	1.75E-06	1.29E-03	2.26E-09	1.0E+06	2.3E-03
71	0.25129	6.48E-03	1.6E-03	1.05E-03	1.70E-06	1.29E-03	2.20E-09	1.0E+06	2.2E-03
72	0.24147	6.48E-03	1.6E-03	1.05E-03	1.64E-06	1.29E-03	2.11E-09	1.0E+06	2.1E-03
73	0.22957	6.48E-03	1.5E-03	1.05E-03	1.56E-06	1.29E-03	2.01E-09	1.0E+06	2.0E-03
74	0.21636	6.48E-03	1.4E-03	1.05E-03	1.47E-06	1.29E-03	1.89E-09	1.0E+06	1.9E-03
75	0.20248	6.48E-03	1.3E-03	1.05E-03	1.37E-06	1.29E-03	1.77E-09	1.0E+06	1.8E-03
76	0.08167	6.48E-03	5.3E-04	1.05E-03	5.53E-07	1.29E-03	7.15E-10	1.0E+06	7.1E-04
77	0.08634	6.48E-03	5.6E-04	1.05E-03	5.85E-07	1.29E-03	7.56E-10	1.0E+06	7.6E-04
78	0.09926	6.48E-03	6.4E-04	1.05E-03	6.73E-07	1.29E-03	8.69E-10	1.0E+06	8.7E-04
79	0.14354	6.48E-03	9.3E-04	1.05E-03	9.73E-07	1.29E-03	1.26E-09	1.0E+06	1.3E-03
80	0.15009	6.48E-03	9.7E-04	1.05E-03	1.02E-06	1.29E-03	1.31E-09	1.0E+06	1.3E-03
81	0.15653	6.48E-03	1.0E-03	1.05E-03	1.06E-06	1.29E-03	1.37E-09	1.0E+06	1.4E-03
82	0.1635	6.48E-03	1.1E-03	1.05E-03	1.11E-06	1.29E-03	1.43E-09	1.0E+06	1.4E-03
83	0.1718	6.48E-03	1.1E-03	1.05E-03	1.16E-06	1.29E-03	1.50E-09	1.0E+06	1.5E-03
84	0.18227	6.48E-03	1.2E-03	1.05E-03	1.23E-06	1.29E-03	1.60E-09	1.0E+06	1.6E-03
85	0.19568	6.48E-03	1.3E-03	1.05E-03	1.33E-06	1.29E-03	1.71E-09	1.0E+06	1.7E-03
86	0.21017	6.48E-03	1.4E-03	1.05E-03	1.42E-06	1.29E-03	1.84E-09	1.0E+06	1.8E-03
87	0.22773	6.48E-03	1.5E-03	1.05E-03	1.54E-06	1.29E-03	1.99E-09	1.0E+06	2.0E-03
88	0.24859	6.48E-03	1.6E-03	1.05E-03	1.68E-06	1.29E-03	2.18E-09	1.0E+06	2.2E-03
89	0.26861	6.48E-03	1.7E-03	1.05E-03	1.82E-06	1.29E-03	2.35E-09	1.0E+06	2.4E-03
90	0.28642	6.48E-03	1.9E-03	1.05E-03	1.94E-06	1.29E-03	2.51E-09	1.0E+06	2.5E-03
91	0.29696	6.48E-03	1.9E-03	1.05E-03	2.01E-06	1.29E-03	2.60E-09	1.0E+06	2.6E-03
92	0.30464	6.48E-03	2.0E-03	1.05E-03	2.06E-06	1.29E-03	2.67E-09	1.0E+06	2.7E-03
93	0.3061	6.48E-03	2.0E-03	1.05E-03	2.07E-06	1.29E-03	2.68E-09	1.0E+06	2.7E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
94	0.30165	6.48E-03	2.0E-03	1.05E-03	2.04E-06	1.29E-03	2.64E-09	1.0E+06	2.6E-03
95	0.29221	6.48E-03	1.9E-03	1.05E-03	1.98E-06	1.29E-03	2.56E-09	1.0E+06	2.6E-03
96	0.27895	6.48E-03	1.8E-03	1.05E-03	1.89E-06	1.29E-03	2.44E-09	1.0E+06	2.4E-03
97	0.26312	6.48E-03	1.7E-03	1.05E-03	1.78E-06	1.29E-03	2.30E-09	1.0E+06	2.3E-03
98	0.24585	6.48E-03	1.6E-03	1.05E-03	1.67E-06	1.29E-03	2.15E-09	1.0E+06	2.2E-03
99	0.22803	6.48E-03	1.5E-03	1.05E-03	1.55E-06	1.29E-03	2.00E-09	1.0E+06	2.0E-03
100	0.21034	6.48E-03	1.4E-03	1.05E-03	1.43E-06	1.29E-03	1.84E-09	1.0E+06	1.8E-03
101	0.09148	6.48E-03	5.9E-04	1.05E-03	6.20E-07	1.29E-03	8.01E-10	1.0E+06	8.0E-04
102	0.09685	6.48E-03	6.3E-04	1.05E-03	6.56E-07	1.29E-03	8.48E-10	1.0E+06	8.5E-04
103	0.11139	6.48E-03	7.2E-04	1.05E-03	7.55E-07	1.29E-03	9.75E-10	1.0E+06	9.7E-04
104	0.16893	6.48E-03	1.1E-03	1.05E-03	1.14E-06	1.29E-03	1.48E-09	1.0E+06	1.5E-03
105	0.17781	6.48E-03	1.2E-03	1.05E-03	1.20E-06	1.29E-03	1.56E-09	1.0E+06	1.6E-03
106	0.18652	6.48E-03	1.2E-03	1.05E-03	1.26E-06	1.29E-03	1.63E-09	1.0E+06	1.6E-03
107	0.19599	6.48E-03	1.3E-03	1.05E-03	1.33E-06	1.29E-03	1.72E-09	1.0E+06	1.7E-03
108	0.20748	6.48E-03	1.3E-03	1.05E-03	1.41E-06	1.29E-03	1.82E-09	1.0E+06	1.8E-03
109	0.22224	6.48E-03	1.4E-03	1.05E-03	1.51E-06	1.29E-03	1.94E-09	1.0E+06	1.9E-03
110	0.24066	6.48E-03	1.6E-03	1.05E-03	1.63E-06	1.29E-03	2.11E-09	1.0E+06	2.1E-03
111	0.25991	6.48E-03	1.7E-03	1.05E-03	1.76E-06	1.29E-03	2.27E-09	1.0E+06	2.3E-03
112	0.28635	6.48E-03	1.9E-03	1.05E-03	1.94E-06	1.29E-03	2.51E-09	1.0E+06	2.5E-03
113	0.31306	6.48E-03	2.0E-03	1.05E-03	2.12E-06	1.29E-03	2.74E-09	1.0E+06	2.7E-03
114	0.33756	6.48E-03	2.2E-03	1.05E-03	2.29E-06	1.29E-03	2.95E-09	1.0E+06	3.0E-03
115	0.35448	6.48E-03	2.3E-03	1.05E-03	2.40E-06	1.29E-03	3.10E-09	1.0E+06	3.1E-03
116	0.36198	6.48E-03	2.3E-03	1.05E-03	2.45E-06	1.29E-03	3.17E-09	1.0E+06	3.2E-03
117	0.36392	6.48E-03	2.4E-03	1.05E-03	2.47E-06	1.29E-03	3.18E-09	1.0E+06	3.2E-03
118	0.3575	6.48E-03	2.3E-03	1.05E-03	2.42E-06	1.29E-03	3.13E-09	1.0E+06	3.1E-03
119	0.34423	6.48E-03	2.2E-03	1.05E-03	2.33E-06	1.29E-03	3.01E-09	1.0E+06	3.0E-03
120	0.32599	6.48E-03	2.1E-03	1.05E-03	2.21E-06	1.29E-03	2.85E-09	1.0E+06	2.9E-03
121	0.3046	6.48E-03	2.0E-03	1.05E-03	2.06E-06	1.29E-03	2.67E-09	1.0E+06	2.7E-03
122	0.28167	6.48E-03	1.8E-03	1.05E-03	1.91E-06	1.29E-03	2.46E-09	1.0E+06	2.5E-03
123	0.2585	6.48E-03	1.7E-03	1.05E-03	1.75E-06	1.29E-03	2.26E-09	1.0E+06	2.3E-03
124	0.23596	6.48E-03	1.5E-03	1.05E-03	1.60E-06	1.29E-03	2.06E-09	1.0E+06	2.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
125	0.10321	6.48E-03	6.7E-04	1.05E-03	6.99E-07	1.29E-03	9.03E-10	1.0E+06	9.0E-04
126	0.10985	6.48E-03	7.1E-04	1.05E-03	7.44E-07	1.29E-03	9.61E-10	1.0E+06	9.6E-04
127	0.12588	6.48E-03	8.2E-04	1.05E-03	8.53E-07	1.29E-03	1.10E-09	1.0E+06	1.1E-03
128	0.21438	6.48E-03	1.4E-03	1.05E-03	1.45E-06	1.29E-03	1.88E-09	1.0E+06	1.9E-03
129	0.2265	6.48E-03	1.5E-03	1.05E-03	1.53E-06	1.29E-03	1.98E-09	1.0E+06	2.0E-03
130	0.23976	6.48E-03	1.6E-03	1.05E-03	1.62E-06	1.29E-03	2.10E-09	1.0E+06	2.1E-03
131	0.25625	6.48E-03	1.7E-03	1.05E-03	1.74E-06	1.29E-03	2.24E-09	1.0E+06	2.2E-03
132	0.27783	6.48E-03	1.8E-03	1.05E-03	1.88E-06	1.29E-03	2.43E-09	1.0E+06	2.4E-03
133	0.30264	6.48E-03	2.0E-03	1.05E-03	2.05E-06	1.29E-03	2.65E-09	1.0E+06	2.6E-03
134	0.33274	6.48E-03	2.2E-03	1.05E-03	2.25E-06	1.29E-03	2.91E-09	1.0E+06	2.9E-03
135	0.36904	6.48E-03	2.4E-03	1.05E-03	2.50E-06	1.29E-03	3.23E-09	1.0E+06	3.2E-03
136	0.40301	6.48E-03	2.6E-03	1.05E-03	2.73E-06	1.29E-03	3.53E-09	1.0E+06	3.5E-03
137	0.42789	6.48E-03	2.8E-03	1.05E-03	2.90E-06	1.29E-03	3.74E-09	1.0E+06	3.7E-03
138	0.43941	6.48E-03	2.8E-03	1.05E-03	2.98E-06	1.29E-03	3.85E-09	1.0E+06	3.8E-03
139	0.44046	6.48E-03	2.9E-03	1.05E-03	2.98E-06	1.29E-03	3.85E-09	1.0E+06	3.9E-03
140	0.43096	6.48E-03	2.8E-03	1.05E-03	2.92E-06	1.29E-03	3.77E-09	1.0E+06	3.8E-03
141	0.41184	6.48E-03	2.7E-03	1.05E-03	2.79E-06	1.29E-03	3.60E-09	1.0E+06	3.6E-03
142	0.38607	6.48E-03	2.5E-03	1.05E-03	2.62E-06	1.29E-03	3.38E-09	1.0E+06	3.4E-03
143	0.35657	6.48E-03	2.3E-03	1.05E-03	2.42E-06	1.29E-03	3.12E-09	1.0E+06	3.1E-03
144	0.32566	6.48E-03	2.1E-03	1.05E-03	2.21E-06	1.29E-03	2.85E-09	1.0E+06	2.8E-03
145	0.29511	6.48E-03	1.9E-03	1.05E-03	2.00E-06	1.29E-03	2.58E-09	1.0E+06	2.6E-03
146	0.26609	6.48E-03	1.7E-03	1.05E-03	1.80E-06	1.29E-03	2.33E-09	1.0E+06	2.3E-03
147	0.11721	6.48E-03	7.6E-04	1.05E-03	7.94E-07	1.29E-03	1.03E-09	1.0E+06	1.0E-03
148	0.12544	6.48E-03	8.1E-04	1.05E-03	8.50E-07	1.29E-03	1.10E-09	1.0E+06	1.1E-03
149	0.14351	6.48E-03	9.3E-04	1.05E-03	9.72E-07	1.29E-03	1.26E-09	1.0E+06	1.3E-03
150	0.26401	6.48E-03	1.7E-03	1.05E-03	1.79E-06	1.29E-03	2.31E-09	1.0E+06	2.3E-03
151	0.28144	6.48E-03	1.8E-03	1.05E-03	1.91E-06	1.29E-03	2.46E-09	1.0E+06	2.5E-03
152	0.30074	6.48E-03	1.9E-03	1.05E-03	2.04E-06	1.29E-03	2.63E-09	1.0E+06	2.6E-03
153	0.32525	6.48E-03	2.1E-03	1.05E-03	2.20E-06	1.29E-03	2.85E-09	1.0E+06	2.8E-03
154	0.35816	6.48E-03	2.3E-03	1.05E-03	2.43E-06	1.29E-03	3.13E-09	1.0E+06	3.1E-03
155	0.39208	6.48E-03	2.5E-03	1.05E-03	2.66E-06	1.29E-03	3.43E-09	1.0E+06	3.4E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.44031	6.48E-03	2.9E-03	1.05E-03	2.98E-06	1.29E-03	3.85E-09	1.0E+06	3.9E-03
157	0.48861	6.48E-03	3.2E-03	1.05E-03	3.31E-06	1.29E-03	4.28E-09	1.0E+06	4.3E-03
158	0.52609	6.48E-03	3.4E-03	1.05E-03	3.56E-06	1.29E-03	4.60E-09	1.0E+06	4.6E-03
159	0.54535	6.48E-03	3.5E-03	1.05E-03	3.70E-06	1.29E-03	4.77E-09	1.0E+06	4.8E-03
160	0.54515	6.48E-03	3.5E-03	1.05E-03	3.69E-06	1.29E-03	4.77E-09	1.0E+06	4.8E-03
161	0.5302	6.48E-03	3.4E-03	1.05E-03	3.59E-06	1.29E-03	4.64E-09	1.0E+06	4.6E-03
162	0.50173	6.48E-03	3.3E-03	1.05E-03	3.40E-06	1.29E-03	4.39E-09	1.0E+06	4.4E-03
163	0.46432	6.48E-03	3.0E-03	1.05E-03	3.15E-06	1.29E-03	4.06E-09	1.0E+06	4.1E-03
164	0.42267	6.48E-03	2.7E-03	1.05E-03	2.86E-06	1.29E-03	3.70E-09	1.0E+06	3.7E-03
165	0.38024	6.48E-03	2.5E-03	1.05E-03	2.58E-06	1.29E-03	3.33E-09	1.0E+06	3.3E-03
166	0.33943	6.48E-03	2.2E-03	1.05E-03	2.30E-06	1.29E-03	2.97E-09	1.0E+06	3.0E-03
167	0.30166	6.48E-03	2.0E-03	1.05E-03	2.04E-06	1.29E-03	2.64E-09	1.0E+06	2.6E-03
168	0.2676	6.48E-03	1.7E-03	1.05E-03	1.81E-06	1.29E-03	2.34E-09	1.0E+06	2.3E-03
169	0.13379	6.48E-03	8.7E-04	1.05E-03	9.07E-07	1.29E-03	1.17E-09	1.0E+06	1.2E-03
170	0.14443	6.48E-03	9.4E-04	1.05E-03	9.79E-07	1.29E-03	1.26E-09	1.0E+06	1.3E-03
171	0.16463	6.48E-03	1.1E-03	1.05E-03	1.12E-06	1.29E-03	1.44E-09	1.0E+06	1.4E-03
172	0.18012	6.48E-03	1.2E-03	1.05E-03	1.22E-06	1.29E-03	1.58E-09	1.0E+06	1.6E-03
173	0.33359	6.48E-03	2.2E-03	1.05E-03	2.26E-06	1.29E-03	2.92E-09	1.0E+06	2.9E-03
174	0.35977	6.48E-03	2.3E-03	1.05E-03	2.44E-06	1.29E-03	3.15E-09	1.0E+06	3.1E-03
175	0.38894	6.48E-03	2.5E-03	1.05E-03	2.64E-06	1.29E-03	3.40E-09	1.0E+06	3.4E-03
176	0.42717	6.48E-03	2.8E-03	1.05E-03	2.89E-06	1.29E-03	3.74E-09	1.0E+06	3.7E-03
177	0.47655	6.48E-03	3.1E-03	1.05E-03	3.23E-06	1.29E-03	4.17E-09	1.0E+06	4.2E-03
178	0.53302	6.48E-03	3.5E-03	1.05E-03	3.61E-06	1.29E-03	4.66E-09	1.0E+06	4.7E-03
179	0.60344	6.48E-03	3.9E-03	1.05E-03	4.09E-06	1.29E-03	5.28E-09	1.0E+06	5.3E-03
180	0.6619	6.48E-03	4.3E-03	1.05E-03	4.48E-06	1.29E-03	5.79E-09	1.0E+06	5.8E-03
181	0.694	6.48E-03	4.5E-03	1.05E-03	4.70E-06	1.29E-03	6.07E-09	1.0E+06	6.1E-03
182	0.69388	6.48E-03	4.5E-03	1.05E-03	4.70E-06	1.29E-03	6.07E-09	1.0E+06	6.1E-03
183	0.39331	6.48E-03	2.5E-03	1.05E-03	2.66E-06	1.29E-03	3.44E-09	1.0E+06	3.4E-03
184	0.34371	6.48E-03	2.2E-03	1.05E-03	2.33E-06	1.29E-03	3.01E-09	1.0E+06	3.0E-03
185	0.16724	6.48E-03	1.1E-03	1.05E-03	1.13E-06	1.29E-03	1.46E-09	1.0E+06	1.5E-03
186	0.18793	6.48E-03	1.2E-03	1.05E-03	1.27E-06	1.29E-03	1.64E-09	1.0E+06	1.6E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
187	0.21111	6.48E-03	1.4E-03	1.05E-03	1.43E-06	1.29E-03	1.85E-09	1.0E+06	1.8E-03
188	0.43532	6.48E-03	2.8E-03	1.05E-03	2.95E-06	1.29E-03	3.81E-09	1.0E+06	3.8E-03
189	0.47684	6.48E-03	3.1E-03	1.05E-03	3.23E-06	1.29E-03	4.17E-09	1.0E+06	4.2E-03
190	0.5231	6.48E-03	3.4E-03	1.05E-03	3.54E-06	1.29E-03	4.58E-09	1.0E+06	4.6E-03
191	0.58589	6.48E-03	3.8E-03	1.05E-03	3.97E-06	1.29E-03	5.13E-09	1.0E+06	5.1E-03
192	0.66092	6.48E-03	4.3E-03	1.05E-03	4.48E-06	1.29E-03	5.78E-09	1.0E+06	5.8E-03
193	0.76167	6.48E-03	4.9E-03	1.05E-03	5.16E-06	1.29E-03	6.67E-09	1.0E+06	6.7E-03
194	0.85697	6.48E-03	5.6E-03	1.05E-03	5.81E-06	1.29E-03	7.50E-09	1.0E+06	7.5E-03
195	0.91242	6.48E-03	5.9E-03	1.05E-03	6.18E-06	1.29E-03	7.98E-09	1.0E+06	8.0E-03
196	0.91691	6.48E-03	5.9E-03	1.05E-03	6.21E-06	1.29E-03	8.02E-09	1.0E+06	8.0E-03
197	0.87375	6.48E-03	5.7E-03	1.05E-03	5.92E-06	1.29E-03	7.65E-09	1.0E+06	7.6E-03
198	0.21852	6.48E-03	1.4E-03	1.05E-03	1.48E-06	1.29E-03	1.91E-09	1.0E+06	1.9E-03
199	0.25008	6.48E-03	1.6E-03	1.05E-03	1.69E-06	1.29E-03	2.19E-09	1.0E+06	2.2E-03
200	0.25215	6.48E-03	1.6E-03	1.05E-03	1.71E-06	1.29E-03	2.21E-09	1.0E+06	2.2E-03
201	0.29634	6.48E-03	1.9E-03	1.05E-03	2.01E-06	1.29E-03	2.59E-09	1.0E+06	2.6E-03
202	0.34245	6.48E-03	2.2E-03	1.05E-03	2.32E-06	1.29E-03	3.00E-09	1.0E+06	3.0E-03
203	0.35024	6.48E-03	2.3E-03	1.05E-03	2.37E-06	1.29E-03	3.07E-09	1.0E+06	3.1E-03
204	0.42185	6.48E-03	2.7E-03	1.05E-03	2.86E-06	1.29E-03	3.69E-09	1.0E+06	3.7E-03
205	0.50721	6.48E-03	3.3E-03	1.05E-03	3.44E-06	1.29E-03	4.44E-09	1.0E+06	4.4E-03
206	0.51249	6.48E-03	3.3E-03	1.05E-03	3.47E-06	1.29E-03	4.48E-09	1.0E+06	4.5E-03
207	0.64598	6.48E-03	4.2E-03	1.05E-03	4.38E-06	1.29E-03	5.65E-09	1.0E+06	5.7E-03
208	0.82638	6.48E-03	5.4E-03	1.05E-03	5.60E-06	1.29E-03	7.23E-09	1.0E+06	7.2E-03
209	0.61695	6.48E-03	4.0E-03	1.05E-03	4.18E-06	1.29E-03	5.40E-09	1.0E+06	5.4E-03
210	0.8168	6.48E-03	5.3E-03	1.05E-03	5.53E-06	1.29E-03	7.15E-09	1.0E+06	7.1E-03
211	1.10732	6.48E-03	7.2E-03	1.05E-03	7.50E-06	1.29E-03	9.69E-09	1.0E+06	9.7E-03
212	1.01425	6.48E-03	6.6E-03	1.05E-03	6.87E-06	1.29E-03	8.88E-09	1.0E+06	8.9E-03
213	1.47871	6.48E-03	9.6E-03	1.05E-03	1.00E-05	1.29E-03	1.29E-08	1.0E+06	1.3E-02
214	2.26347	6.48E-03	1.5E-02	1.05E-03	1.53E-05	1.29E-03	1.98E-08	1.0E+06	2.0E-02
215	1.23597	6.48E-03	8.0E-03	1.05E-03	8.37E-06	1.29E-03	1.08E-08	1.0E+06	1.1E-02
216	1.87735	6.48E-03	1.2E-02	1.05E-03	1.27E-05	1.29E-03	1.64E-08	1.0E+06	1.6E-02
217	3.06177	6.48E-03	2.0E-02	1.05E-03	2.07E-05	1.29E-03	2.68E-08	1.0E+06	2.7E-02



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
218	3.54064	6.48E-03	2.3E-02	1.05E-03	2.40E-05	1.29E-03	3.10E-08	1.0E+06	3.1E-02
219	6.28837	6.48E-03	4.1E-02	1.05E-03	4.26E-05	1.29E-03	5.50E-08	1.0E+06	5.5E-02
220	3.2902	6.48E-03	2.1E-02	1.05E-03	2.23E-05	1.29E-03	2.88E-08	1.0E+06	2.9E-02
221	4.90884	6.48E-03	3.2E-02	1.05E-03	3.33E-05	1.29E-03	4.30E-08	1.0E+06	4.3E-02
222	2.5546	6.48E-03	1.7E-02	1.05E-03	1.73E-05	1.29E-03	2.24E-08	1.0E+06	2.2E-02
223	3.24794	6.48E-03	2.1E-02	1.05E-03	2.20E-05	1.29E-03	2.84E-08	1.0E+06	2.8E-02
224	3.76636	6.48E-03	2.4E-02	1.05E-03	2.55E-05	1.29E-03	3.30E-08	1.0E+06	3.3E-02
225	2.07607	6.48E-03	1.3E-02	1.05E-03	1.41E-05	1.29E-03	1.82E-08	1.0E+06	1.8E-02
226	2.15406	6.48E-03	1.4E-02	1.05E-03	1.46E-05	1.29E-03	1.89E-08	1.0E+06	1.9E-02
227	0.08895	6.48E-03	5.8E-04	1.05E-03	6.03E-07	1.29E-03	7.78E-10	1.0E+06	7.8E-04
228	0.08058	6.48E-03	5.2E-04	1.05E-03	5.46E-07	1.29E-03	7.05E-10	1.0E+06	7.1E-04
229	0.07339	6.48E-03	4.8E-04	1.05E-03	4.97E-07	1.29E-03	6.42E-10	1.0E+06	6.4E-04
230	0.06716	6.48E-03	4.4E-04	1.05E-03	4.55E-07	1.29E-03	5.88E-10	1.0E+06	5.9E-04
231	0.083	6.48E-03	5.4E-04	1.05E-03	5.62E-07	1.29E-03	7.26E-10	1.0E+06	7.3E-04
232	0.07558	6.48E-03	4.9E-04	1.05E-03	5.12E-07	1.29E-03	6.61E-10	1.0E+06	6.6E-04
233	0.06914	6.48E-03	4.5E-04	1.05E-03	4.68E-07	1.29E-03	6.05E-10	1.0E+06	6.1E-04
234	0.06351	6.48E-03	4.1E-04	1.05E-03	4.30E-07	1.29E-03	5.56E-10	1.0E+06	5.6E-04
235	0.07746	6.48E-03	5.0E-04	1.05E-03	5.25E-07	1.29E-03	6.78E-10	1.0E+06	6.8E-04
236	0.07097	6.48E-03	4.6E-04	1.05E-03	4.81E-07	1.29E-03	6.21E-10	1.0E+06	6.2E-04
237	0.06525	6.48E-03	4.2E-04	1.05E-03	4.42E-07	1.29E-03	5.71E-10	1.0E+06	5.7E-04
238	0.06019	6.48E-03	3.9E-04	1.05E-03	4.08E-07	1.29E-03	5.27E-10	1.0E+06	5.3E-04
239	0.39652	6.48E-03	2.6E-03	1.05E-03	2.69E-06	1.29E-03	3.47E-09	1.0E+06	3.5E-03
240	0.35655	6.48E-03	2.3E-03	1.05E-03	2.42E-06	1.29E-03	3.12E-09	1.0E+06	3.1E-03
241	0.32221	6.48E-03	2.1E-03	1.05E-03	2.18E-06	1.29E-03	2.82E-09	1.0E+06	2.8E-03
242	0.2925	6.48E-03	1.9E-03	1.05E-03	1.98E-06	1.29E-03	2.56E-09	1.0E+06	2.6E-03
243	0.36082	6.48E-03	2.3E-03	1.05E-03	2.44E-06	1.29E-03	3.16E-09	1.0E+06	3.2E-03
244	0.32667	6.48E-03	2.1E-03	1.05E-03	2.21E-06	1.29E-03	2.86E-09	1.0E+06	2.9E-03
245	0.29697	6.48E-03	1.9E-03	1.05E-03	2.01E-06	1.29E-03	2.60E-09	1.0E+06	2.6E-03
246	0.27099	6.48E-03	1.8E-03	1.05E-03	1.84E-06	1.29E-03	2.37E-09	1.0E+06	2.4E-03
247	0.32932	6.48E-03	2.1E-03	1.05E-03	2.23E-06	1.29E-03	2.88E-09	1.0E+06	2.9E-03
248	0.30004	6.48E-03	1.9E-03	1.05E-03	2.03E-06	1.29E-03	2.63E-09	1.0E+06	2.6E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
249	0.27428	6.48E-03	1.8E-03	1.05E-03	1.86E-06	1.29E-03	2.40E-09	1.0E+06	2.4E-03
250	0.25146	6.48E-03	1.6E-03	1.05E-03	1.70E-06	1.29E-03	2.20E-09	1.0E+06	2.2E-03
251	0.16466	6.48E-03	1.1E-03	1.05E-03	1.12E-06	1.29E-03	1.44E-09	1.0E+06	1.4E-03
252	0.15435	6.48E-03	1.0E-03	1.05E-03	1.05E-06	1.29E-03	1.35E-09	1.0E+06	1.4E-03
253	0.1881	6.48E-03	1.2E-03	1.05E-03	1.27E-06	1.29E-03	1.65E-09	1.0E+06	1.6E-03
254	0.17584	6.48E-03	1.1E-03	1.05E-03	1.19E-06	1.29E-03	1.54E-09	1.0E+06	1.5E-03
255	0.15459	6.48E-03	1.0E-03	1.05E-03	1.05E-06	1.29E-03	1.35E-09	1.0E+06	1.4E-03
256	0.14532	6.48E-03	9.4E-04	1.05E-03	9.85E-07	1.29E-03	1.27E-09	1.0E+06	1.3E-03
257	0.12204	6.48E-03	7.9E-04	1.05E-03	8.27E-07	1.29E-03	1.07E-09	1.0E+06	1.1E-03
258	0.17534	6.48E-03	1.1E-03	1.05E-03	1.19E-06	1.29E-03	1.53E-09	1.0E+06	1.5E-03
259	0.16438	6.48E-03	1.1E-03	1.05E-03	1.11E-06	1.29E-03	1.44E-09	1.0E+06	1.4E-03
260	0.15435	6.48E-03	1.0E-03	1.05E-03	1.05E-06	1.29E-03	1.35E-09	1.0E+06	1.4E-03
261	0.14524	6.48E-03	9.4E-04	1.05E-03	9.84E-07	1.29E-03	1.27E-09	1.0E+06	1.3E-03
262	0.13691	6.48E-03	8.9E-04	1.05E-03	9.28E-07	1.29E-03	1.20E-09	1.0E+06	1.2E-03
263	0.11584	6.48E-03	7.5E-04	1.05E-03	7.85E-07	1.29E-03	1.01E-09	1.0E+06	1.0E-03
264	0.15387	6.48E-03	1.0E-03	1.05E-03	1.04E-06	1.29E-03	1.35E-09	1.0E+06	1.3E-03
265	0.14487	6.48E-03	9.4E-04	1.05E-03	9.82E-07	1.29E-03	1.27E-09	1.0E+06	1.3E-03
266	0.13663	6.48E-03	8.9E-04	1.05E-03	9.26E-07	1.29E-03	1.20E-09	1.0E+06	1.2E-03
267	0.12907	6.48E-03	8.4E-04	1.05E-03	8.75E-07	1.29E-03	1.13E-09	1.0E+06	1.1E-03
268	0.11	6.48E-03	7.1E-04	1.05E-03	7.45E-07	1.29E-03	9.63E-10	1.0E+06	9.6E-04
269	0.1711	6.48E-03	1.1E-03	1.05E-03	1.16E-06	1.29E-03	1.50E-09	1.0E+06	1.5E-03
270	0.15029	6.48E-03	9.7E-04	1.05E-03	1.02E-06	1.29E-03	1.32E-09	1.0E+06	1.3E-03
271	0.13318	6.48E-03	8.6E-04	1.05E-03	9.02E-07	1.29E-03	1.17E-09	1.0E+06	1.2E-03
272	0.11894	6.48E-03	7.7E-04	1.05E-03	8.06E-07	1.29E-03	1.04E-09	1.0E+06	1.0E-03
273	0.10697	6.48E-03	6.9E-04	1.05E-03	7.25E-07	1.29E-03	9.36E-10	1.0E+06	9.4E-04
274	0.09682	6.48E-03	6.3E-04	1.05E-03	6.56E-07	1.29E-03	8.47E-10	1.0E+06	8.5E-04
275	0.08815	6.48E-03	5.7E-04	1.05E-03	5.97E-07	1.29E-03	7.71E-10	1.0E+06	7.7E-04
276	0.15459	6.48E-03	1.0E-03	1.05E-03	1.05E-06	1.29E-03	1.35E-09	1.0E+06	1.4E-03
277	0.13651	6.48E-03	8.8E-04	1.05E-03	9.25E-07	1.29E-03	1.19E-09	1.0E+06	1.2E-03
278	0.12156	6.48E-03	7.9E-04	1.05E-03	8.24E-07	1.29E-03	1.06E-09	1.0E+06	1.1E-03
279	0.10904	6.48E-03	7.1E-04	1.05E-03	7.39E-07	1.29E-03	9.54E-10	1.0E+06	9.5E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
280	0.09848	6.48E-03	6.4E-04	1.05E-03	6.67E-07	1.29E-03	8.62E-10	1.0E+06	8.6E-04
281	0.08949	6.48E-03	5.8E-04	1.05E-03	6.06E-07	1.29E-03	7.83E-10	1.0E+06	7.8E-04
282	0.08176	6.48E-03	5.3E-04	1.05E-03	5.54E-07	1.29E-03	7.16E-10	1.0E+06	7.2E-04
283	0.13903	6.48E-03	9.0E-04	1.05E-03	9.42E-07	1.29E-03	1.22E-09	1.0E+06	1.2E-03
284	0.12349	6.48E-03	8.0E-04	1.05E-03	8.37E-07	1.29E-03	1.08E-09	1.0E+06	1.1E-03
285	0.11056	6.48E-03	7.2E-04	1.05E-03	7.49E-07	1.29E-03	9.68E-10	1.0E+06	9.7E-04
286	0.09966	6.48E-03	6.5E-04	1.05E-03	6.75E-07	1.29E-03	8.72E-10	1.0E+06	8.7E-04
287	0.0904	6.48E-03	5.9E-04	1.05E-03	6.13E-07	1.29E-03	7.91E-10	1.0E+06	7.9E-04
288	0.08247	6.48E-03	5.3E-04	1.05E-03	5.59E-07	1.29E-03	7.22E-10	1.0E+06	7.2E-04
289	0.07562	6.48E-03	4.9E-04	1.05E-03	5.12E-07	1.29E-03	6.62E-10	1.0E+06	6.6E-04
290	0.12464	6.48E-03	8.1E-04	1.05E-03	8.45E-07	1.29E-03	1.09E-09	1.0E+06	1.1E-03
291	0.11139	6.48E-03	7.2E-04	1.05E-03	7.55E-07	1.29E-03	9.75E-10	1.0E+06	9.7E-04
292	0.10026	6.48E-03	6.5E-04	1.05E-03	6.79E-07	1.29E-03	8.77E-10	1.0E+06	8.8E-04
293	0.09083	6.48E-03	5.9E-04	1.05E-03	6.15E-07	1.29E-03	7.95E-10	1.0E+06	7.9E-04
294	0.08276	6.48E-03	5.4E-04	1.05E-03	5.61E-07	1.29E-03	7.24E-10	1.0E+06	7.2E-04
295	0.0758	6.48E-03	4.9E-04	1.05E-03	5.14E-07	1.29E-03	6.63E-10	1.0E+06	6.6E-04
296	0.06976	6.48E-03	4.5E-04	1.05E-03	4.73E-07	1.29E-03	6.10E-10	1.0E+06	6.1E-04
297	0.11168	6.48E-03	7.2E-04	1.05E-03	7.57E-07	1.29E-03	9.77E-10	1.0E+06	9.8E-04
298	0.1004	6.48E-03	6.5E-04	1.05E-03	6.80E-07	1.29E-03	8.79E-10	1.0E+06	8.8E-04
299	0.09084	6.48E-03	5.9E-04	1.05E-03	6.15E-07	1.29E-03	7.95E-10	1.0E+06	7.9E-04
300	0.08268	6.48E-03	5.4E-04	1.05E-03	5.60E-07	1.29E-03	7.24E-10	1.0E+06	7.2E-04
301	0.07566	6.48E-03	4.9E-04	1.05E-03	5.13E-07	1.29E-03	6.62E-10	1.0E+06	6.6E-04
302	0.06958	6.48E-03	4.5E-04	1.05E-03	4.71E-07	1.29E-03	6.09E-10	1.0E+06	6.1E-04
303	0.06426	6.48E-03	4.2E-04	1.05E-03	4.35E-07	1.29E-03	5.62E-10	1.0E+06	5.6E-04
304	0.10039	6.48E-03	6.5E-04	1.05E-03	6.80E-07	1.29E-03	8.79E-10	1.0E+06	8.8E-04
305	0.09073	6.48E-03	5.9E-04	1.05E-03	6.15E-07	1.29E-03	7.94E-10	1.0E+06	7.9E-04
306	0.0825	6.48E-03	5.3E-04	1.05E-03	5.59E-07	1.29E-03	7.22E-10	1.0E+06	7.2E-04
307	0.07542	6.48E-03	4.9E-04	1.05E-03	5.11E-07	1.29E-03	6.60E-10	1.0E+06	6.6E-04
308	0.06929	6.48E-03	4.5E-04	1.05E-03	4.69E-07	1.29E-03	6.06E-10	1.0E+06	6.1E-04
309	0.06394	6.48E-03	4.1E-04	1.05E-03	4.33E-07	1.29E-03	5.60E-10	1.0E+06	5.6E-04
310	0.05926	6.48E-03	3.8E-04	1.05E-03	4.02E-07	1.29E-03	5.19E-10	1.0E+06	5.2E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Building Construction Risk**

Receptor #	Conc	g/sec	Cair	Dose		<i>Cancer Risk from Birth to 2 Years</i>			
				Constant	Dose	Risk		Constant 2	Risk/ Million
311	0.09103	6.48E-03	5.9E-04	1.05E-03	6.17E-07	1.29E-03	7.97E-10	1.0E+06	8.0E-04
312	0.08261	6.48E-03	5.4E-04	1.05E-03	5.60E-07	1.29E-03	7.23E-10	1.0E+06	7.2E-04
313	0.07542	6.48E-03	4.9E-04	1.05E-03	5.11E-07	1.29E-03	6.60E-10	1.0E+06	6.6E-04
314	0.06919	6.48E-03	4.5E-04	1.05E-03	4.69E-07	1.29E-03	6.06E-10	1.0E+06	6.1E-04
315	0.06378	6.48E-03	4.1E-04	1.05E-03	4.32E-07	1.29E-03	5.58E-10	1.0E+06	5.6E-04
316	0.05905	6.48E-03	3.8E-04	1.05E-03	4.00E-07	1.29E-03	5.17E-10	1.0E+06	5.2E-04
317	0.05488	6.48E-03	3.6E-04	1.05E-03	3.72E-07	1.29E-03	4.80E-10	1.0E+06	4.8E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Building Construction Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	7.84E-05
2	5	8.24E-05
3	5	9.48E-05
4	5	1.23E-04
5	5	1.27E-04
6	5	1.31E-04
7	5	1.35E-04
8	5	1.40E-04
9	5	1.45E-04
10	5	1.53E-04
11	5	1.61E-04
12	5	1.71E-04
13	5	1.82E-04
14	5	1.94E-04
15	5	2.08E-04
16	5	2.22E-04
17	5	2.32E-04
18	5	2.43E-04
19	5	2.51E-04
20	5	2.55E-04
21	5	2.56E-04
22	5	2.54E-04
23	5	2.49E-04
24	5	2.42E-04
25	5	2.33E-04
26	5	8.61E-05
27	5	9.08E-05
28	5	1.04E-04
29	5	1.40E-04
30	5	1.45E-04
31	5	1.50E-04

Max	Receptor #
0.008	219

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	1.55E-04
33	5	1.61E-04
34	5	1.68E-04
35	5	1.78E-04
36	5	1.89E-04
37	5	2.02E-04
38	5	2.16E-04
39	5	2.32E-04
40	5	2.49E-04
41	5	2.64E-04
42	5	2.76E-04
43	5	2.86E-04
44	5	2.92E-04
45	5	2.93E-04
46	5	2.90E-04
47	5	2.83E-04
48	5	2.74E-04
49	5	2.62E-04
50	5	2.49E-04
51	5	9.52E-05
52	5	1.00E-04
53	5	1.15E-04
54	5	1.60E-04
55	5	1.67E-04
56	5	1.73E-04
57	5	1.80E-04
58	5	1.88E-04
59	5	1.98E-04
60	5	2.10E-04
61	5	2.26E-04
62	5	2.42E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	2.61E-04
64	5	2.83E-04
65	5	3.03E-04
66	5	3.18E-04
67	5	3.30E-04
68	5	3.37E-04
69	5	3.39E-04
70	5	3.35E-04
71	5	3.26E-04
72	5	3.13E-04
73	5	2.98E-04
74	5	2.81E-04
75	5	2.63E-04
76	5	1.06E-04
77	5	1.12E-04
78	5	1.29E-04
79	5	1.86E-04
80	5	1.95E-04
81	5	2.03E-04
82	5	2.12E-04
83	5	2.23E-04
84	5	2.36E-04
85	5	2.54E-04
86	5	2.72E-04
87	5	2.95E-04
88	5	3.22E-04
89	5	3.48E-04
90	5	3.71E-04
91	5	3.85E-04
92	5	3.95E-04
93	5	3.97E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	3.91E-04
95	5	3.79E-04
96	5	3.62E-04
97	5	3.41E-04
98	5	3.19E-04
99	5	2.96E-04
100	5	2.73E-04
101	5	1.19E-04
102	5	1.26E-04
103	5	1.44E-04
104	5	2.19E-04
105	5	2.31E-04
106	5	2.42E-04
107	5	2.54E-04
108	5	2.69E-04
109	5	2.88E-04
110	5	3.12E-04
111	5	3.37E-04
112	5	3.71E-04
113	5	4.06E-04
114	5	4.38E-04
115	5	4.60E-04
116	5	4.69E-04
117	5	4.72E-04
118	5	4.64E-04
119	5	4.46E-04
120	5	4.23E-04
121	5	3.95E-04
122	5	3.65E-04
123	5	3.35E-04
124	5	3.06E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.34E-04
126	5	1.42E-04
127	5	1.63E-04
128	5	2.78E-04
129	5	2.94E-04
130	5	3.11E-04
131	5	3.32E-04
132	5	3.60E-04
133	5	3.92E-04
134	5	4.31E-04
135	5	4.78E-04
136	5	5.23E-04
137	5	5.55E-04
138	5	5.70E-04
139	5	5.71E-04
140	5	5.59E-04
141	5	5.34E-04
142	5	5.01E-04
143	5	4.62E-04
144	5	4.22E-04
145	5	3.83E-04
146	5	3.45E-04
147	5	1.52E-04
148	5	1.63E-04
149	5	1.86E-04
150	5	3.42E-04
151	5	3.65E-04
152	5	3.90E-04
153	5	4.22E-04
154	5	4.64E-04
155	5	5.08E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	5.71E-04
157	5	6.33E-04
158	5	6.82E-04
159	5	7.07E-04
160	5	7.07E-04
161	5	6.87E-04
162	5	6.51E-04
163	5	6.02E-04
164	5	5.48E-04
165	5	4.93E-04
166	5	4.40E-04
167	5	3.91E-04
168	5	3.47E-04
169	5	1.73E-04
170	5	1.87E-04
171	5	2.13E-04
172	5	2.34E-04
173	5	4.33E-04
174	5	4.66E-04
175	5	5.04E-04
176	5	5.54E-04
177	5	6.18E-04
178	5	6.91E-04
179	5	7.82E-04
180	5	8.58E-04
181	5	9.00E-04
182	5	9.00E-04
183	5	5.10E-04
184	5	4.46E-04
185	5	2.17E-04
186	5	2.44E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	2.74E-04
188	5	5.64E-04
189	5	6.18E-04
190	5	6.78E-04
191	5	7.60E-04
192	5	8.57E-04
193	5	9.88E-04
194	5	1.11E-03
195	5	1.18E-03
196	5	1.19E-03
197	5	1.13E-03
198	5	2.83E-04
199	5	3.24E-04
200	5	3.27E-04
201	5	3.84E-04
202	5	4.44E-04
203	5	4.54E-04
204	5	5.47E-04
205	5	6.58E-04
206	5	6.64E-04
207	5	8.38E-04
208	5	1.07E-03
209	5	8.00E-04
210	5	1.06E-03
211	5	1.44E-03
212	5	1.31E-03
213	5	1.92E-03
214	5	2.93E-03
215	5	1.60E-03
216	5	2.43E-03
217	5	3.97E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	4.59E-03
219	5	8.15E-03
220	5	4.27E-03
221	5	6.36E-03
222	5	3.31E-03
223	5	4.21E-03
224	5	4.88E-03
225	5	2.69E-03
226	5	2.79E-03
227	5	1.15E-04
228	5	1.04E-04
229	5	9.52E-05
230	5	8.71E-05
231	5	1.08E-04
232	5	9.80E-05
233	5	8.96E-05
234	5	8.23E-05
235	5	1.00E-04
236	5	9.20E-05
237	5	8.46E-05
238	5	7.80E-05
239	5	5.14E-04
240	5	4.62E-04
241	5	4.18E-04
242	5	3.79E-04
243	5	4.68E-04
244	5	4.24E-04
245	5	3.85E-04
246	5	3.51E-04
247	5	4.27E-04
248	5	3.89E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	3.56E-04
250	5	3.26E-04
251	5	2.13E-04
252	5	2.00E-04
253	5	2.44E-04
254	5	2.28E-04
255	5	2.00E-04
256	5	1.88E-04
257	5	1.58E-04
258	5	2.27E-04
259	5	2.13E-04
260	5	2.00E-04
261	5	1.88E-04
262	5	1.78E-04
263	5	1.50E-04
264	5	1.99E-04
265	5	1.88E-04
266	5	1.77E-04
267	5	1.67E-04
268	5	1.43E-04
269	5	2.22E-04
270	5	1.95E-04
271	5	1.73E-04
272	5	1.54E-04
273	5	1.39E-04
274	5	1.26E-04
275	5	1.14E-04
276	5	2.00E-04
277	5	1.77E-04
278	5	1.58E-04
279	5	1.41E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	1.28E-04
281	5	1.16E-04
282	5	1.06E-04
283	5	1.80E-04
284	5	1.60E-04
285	5	1.43E-04
286	5	1.29E-04
287	5	1.17E-04
288	5	1.07E-04
289	5	9.80E-05
290	5	1.62E-04
291	5	1.44E-04
292	5	1.30E-04
293	5	1.18E-04
294	5	1.07E-04
295	5	9.83E-05
296	5	9.04E-05
297	5	1.45E-04
298	5	1.30E-04
299	5	1.18E-04
300	5	1.07E-04
301	5	9.81E-05
302	5	9.02E-05
303	5	8.33E-05
304	5	1.30E-04
305	5	1.18E-04
306	5	1.07E-04
307	5	9.78E-05
308	5	8.98E-05
309	5	8.29E-05
310	5	7.68E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Building Construction Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	1.18E-04
312	5	1.07E-04
313	5	9.78E-05
314	5	8.97E-05
315	5	8.27E-05
316	5	7.66E-05
317	5	7.12E-05

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Parcel 9-G: Unmitigated - Parcel 9 - Paving Risk



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.0603	3.89E-03	2.3E-04	1.05E-03	2.45E-07	1.29E-03	3.16E-10	1.0E+06	3.2E-04
2	0.06335	3.89E-03	2.5E-04	1.05E-03	2.57E-07	1.29E-03	3.32E-10	1.0E+06	3.3E-04
3	0.07334	3.89E-03	2.8E-04	1.05E-03	2.98E-07	1.29E-03	3.85E-10	1.0E+06	3.8E-04
4	0.09496	3.89E-03	3.7E-04	1.05E-03	3.86E-07	1.29E-03	4.98E-10	1.0E+06	5.0E-04
5	0.09796	3.89E-03	3.8E-04	1.05E-03	3.98E-07	1.29E-03	5.14E-10	1.0E+06	5.1E-04
6	0.10096	3.89E-03	3.9E-04	1.05E-03	4.10E-07	1.29E-03	5.30E-10	1.0E+06	5.3E-04
7	0.10419	3.89E-03	4.0E-04	1.05E-03	4.23E-07	1.29E-03	5.47E-10	1.0E+06	5.5E-04
8	0.10773	3.89E-03	4.2E-04	1.05E-03	4.38E-07	1.29E-03	5.65E-10	1.0E+06	5.7E-04
9	0.11227	3.89E-03	4.4E-04	1.05E-03	4.56E-07	1.29E-03	5.89E-10	1.0E+06	5.9E-04
10	0.11787	3.89E-03	4.6E-04	1.05E-03	4.79E-07	1.29E-03	6.18E-10	1.0E+06	6.2E-04
11	0.12474	3.89E-03	4.8E-04	1.05E-03	5.07E-07	1.29E-03	6.54E-10	1.0E+06	6.5E-04
12	0.1328	3.89E-03	5.2E-04	1.05E-03	5.39E-07	1.29E-03	6.97E-10	1.0E+06	7.0E-04
13	0.1412	3.89E-03	5.5E-04	1.05E-03	5.73E-07	1.29E-03	7.41E-10	1.0E+06	7.4E-04
14	0.15082	3.89E-03	5.9E-04	1.05E-03	6.13E-07	1.29E-03	7.91E-10	1.0E+06	7.9E-04
15	0.16114	3.89E-03	6.3E-04	1.05E-03	6.54E-07	1.29E-03	8.45E-10	1.0E+06	8.5E-04
16	0.17146	3.89E-03	6.7E-04	1.05E-03	6.96E-07	1.29E-03	8.99E-10	1.0E+06	9.0E-04
17	0.17976	3.89E-03	7.0E-04	1.05E-03	7.30E-07	1.29E-03	9.43E-10	1.0E+06	9.4E-04
18	0.18782	3.89E-03	7.3E-04	1.05E-03	7.63E-07	1.29E-03	9.85E-10	1.0E+06	9.9E-04
19	0.1936	3.89E-03	7.5E-04	1.05E-03	7.86E-07	1.29E-03	1.02E-09	1.0E+06	1.0E-03
20	0.19681	3.89E-03	7.6E-04	1.05E-03	7.99E-07	1.29E-03	1.03E-09	1.0E+06	1.0E-03
21	0.19746	3.89E-03	7.7E-04	1.05E-03	8.02E-07	1.29E-03	1.04E-09	1.0E+06	1.0E-03
22	0.19569	3.89E-03	7.6E-04	1.05E-03	7.95E-07	1.29E-03	1.03E-09	1.0E+06	1.0E-03
23	0.19179	3.89E-03	7.5E-04	1.05E-03	7.79E-07	1.29E-03	1.01E-09	1.0E+06	1.0E-03
24	0.18612	3.89E-03	7.2E-04	1.05E-03	7.56E-07	1.29E-03	9.76E-10	1.0E+06	9.8E-04
25	0.17909	3.89E-03	7.0E-04	1.05E-03	7.27E-07	1.29E-03	9.39E-10	1.0E+06	9.4E-04
26	0.06624	3.89E-03	2.6E-04	1.05E-03	2.69E-07	1.29E-03	3.47E-10	1.0E+06	3.5E-04
27	0.07021	3.89E-03	2.7E-04	1.05E-03	2.85E-07	1.29E-03	3.68E-10	1.0E+06	3.7E-04
28	0.08074	3.89E-03	3.1E-04	1.05E-03	3.28E-07	1.29E-03	4.24E-10	1.0E+06	4.2E-04
29	0.10787	3.89E-03	4.2E-04	1.05E-03	4.38E-07	1.29E-03	5.66E-10	1.0E+06	5.7E-04
30	0.11168	3.89E-03	4.3E-04	1.05E-03	4.54E-07	1.29E-03	5.86E-10	1.0E+06	5.9E-04
31	0.11549	3.89E-03	4.5E-04	1.05E-03	4.69E-07	1.29E-03	6.06E-10	1.0E+06	6.1E-04

<b>Max</b>	<b>Receptor #</b>
0.033	219

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
32	0.11958	3.89E-03	4.6E-04	1.05E-03	4.86E-07	1.29E-03	6.27E-10	1.0E+06	6.3E-04
33	0.12417	3.89E-03	4.8E-04	1.05E-03	5.04E-07	1.29E-03	6.51E-10	1.0E+06	6.5E-04
34	0.13011	3.89E-03	5.1E-04	1.05E-03	5.28E-07	1.29E-03	6.83E-10	1.0E+06	6.8E-04
35	0.13755	3.89E-03	5.3E-04	1.05E-03	5.59E-07	1.29E-03	7.22E-10	1.0E+06	7.2E-04
36	0.1467	3.89E-03	5.7E-04	1.05E-03	5.96E-07	1.29E-03	7.70E-10	1.0E+06	7.7E-04
37	0.15676	3.89E-03	6.1E-04	1.05E-03	6.37E-07	1.29E-03	8.22E-10	1.0E+06	8.2E-04
38	0.16755	3.89E-03	6.5E-04	1.05E-03	6.80E-07	1.29E-03	8.79E-10	1.0E+06	8.8E-04
39	0.18035	3.89E-03	7.0E-04	1.05E-03	7.32E-07	1.29E-03	9.46E-10	1.0E+06	9.5E-04
40	0.19284	3.89E-03	7.5E-04	1.05E-03	7.83E-07	1.29E-03	1.01E-09	1.0E+06	1.0E-03
41	0.20431	3.89E-03	7.9E-04	1.05E-03	8.30E-07	1.29E-03	1.07E-09	1.0E+06	1.1E-03
42	0.21345	3.89E-03	8.3E-04	1.05E-03	8.67E-07	1.29E-03	1.12E-09	1.0E+06	1.1E-03
43	0.22097	3.89E-03	8.6E-04	1.05E-03	8.97E-07	1.29E-03	1.16E-09	1.0E+06	1.2E-03
44	0.22513	3.89E-03	8.7E-04	1.05E-03	9.14E-07	1.29E-03	1.18E-09	1.0E+06	1.2E-03
45	0.22587	3.89E-03	8.8E-04	1.05E-03	9.17E-07	1.29E-03	1.18E-09	1.0E+06	1.2E-03
46	0.22344	3.89E-03	8.7E-04	1.05E-03	9.07E-07	1.29E-03	1.17E-09	1.0E+06	1.2E-03
47	0.21825	3.89E-03	8.5E-04	1.05E-03	8.86E-07	1.29E-03	1.14E-09	1.0E+06	1.1E-03
48	0.21084	3.89E-03	8.2E-04	1.05E-03	8.56E-07	1.29E-03	1.11E-09	1.0E+06	1.1E-03
49	0.20176	3.89E-03	7.8E-04	1.05E-03	8.19E-07	1.29E-03	1.06E-09	1.0E+06	1.1E-03
50	0.19154	3.89E-03	7.4E-04	1.05E-03	7.78E-07	1.29E-03	1.00E-09	1.0E+06	1.0E-03
51	0.07326	3.89E-03	2.8E-04	1.05E-03	2.98E-07	1.29E-03	3.84E-10	1.0E+06	3.8E-04
52	0.07766	3.89E-03	3.0E-04	1.05E-03	3.15E-07	1.29E-03	4.07E-10	1.0E+06	4.1E-04
53	0.0894	3.89E-03	3.5E-04	1.05E-03	3.63E-07	1.29E-03	4.69E-10	1.0E+06	4.7E-04
54	0.12381	3.89E-03	4.8E-04	1.05E-03	5.03E-07	1.29E-03	6.49E-10	1.0E+06	6.5E-04
55	0.12876	3.89E-03	5.0E-04	1.05E-03	5.23E-07	1.29E-03	6.75E-10	1.0E+06	6.8E-04
56	0.13368	3.89E-03	5.2E-04	1.05E-03	5.43E-07	1.29E-03	7.01E-10	1.0E+06	7.0E-04
57	0.139	3.89E-03	5.4E-04	1.05E-03	5.65E-07	1.29E-03	7.29E-10	1.0E+06	7.3E-04
58	0.14507	3.89E-03	5.6E-04	1.05E-03	5.89E-07	1.29E-03	7.61E-10	1.0E+06	7.6E-04
59	0.15299	3.89E-03	5.9E-04	1.05E-03	6.21E-07	1.29E-03	8.03E-10	1.0E+06	8.0E-04
60	0.16303	3.89E-03	6.3E-04	1.05E-03	6.62E-07	1.29E-03	8.55E-10	1.0E+06	8.6E-04
61	0.17541	3.89E-03	6.8E-04	1.05E-03	7.12E-07	1.29E-03	9.20E-10	1.0E+06	9.2E-04
62	0.18819	3.89E-03	7.3E-04	1.05E-03	7.64E-07	1.29E-03	9.87E-10	1.0E+06	9.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
63	0.20292	3.89E-03	7.9E-04	1.05E-03	8.24E-07	1.29E-03	1.06E-09	1.0E+06	1.1E-03
64	0.21878	3.89E-03	8.5E-04	1.05E-03	8.89E-07	1.29E-03	1.15E-09	1.0E+06	1.1E-03
65	0.23412	3.89E-03	9.1E-04	1.05E-03	9.51E-07	1.29E-03	1.23E-09	1.0E+06	1.2E-03
66	0.24561	3.89E-03	9.5E-04	1.05E-03	9.98E-07	1.29E-03	1.29E-09	1.0E+06	1.3E-03
67	0.2548	3.89E-03	9.9E-04	1.05E-03	1.03E-06	1.29E-03	1.34E-09	1.0E+06	1.3E-03
68	0.26029	3.89E-03	1.0E-03	1.05E-03	1.06E-06	1.29E-03	1.37E-09	1.0E+06	1.4E-03
69	0.26122	3.89E-03	1.0E-03	1.05E-03	1.06E-06	1.29E-03	1.37E-09	1.0E+06	1.4E-03
70	0.25788	3.89E-03	1.0E-03	1.05E-03	1.05E-06	1.29E-03	1.35E-09	1.0E+06	1.4E-03
71	0.25087	3.89E-03	9.7E-04	1.05E-03	1.02E-06	1.29E-03	1.32E-09	1.0E+06	1.3E-03
72	0.24102	3.89E-03	9.4E-04	1.05E-03	9.79E-07	1.29E-03	1.26E-09	1.0E+06	1.3E-03
73	0.22913	3.89E-03	8.9E-04	1.05E-03	9.31E-07	1.29E-03	1.20E-09	1.0E+06	1.2E-03
74	0.21595	3.89E-03	8.4E-04	1.05E-03	8.77E-07	1.29E-03	1.13E-09	1.0E+06	1.1E-03
75	0.20213	3.89E-03	7.9E-04	1.05E-03	8.21E-07	1.29E-03	1.06E-09	1.0E+06	1.1E-03
76	0.08157	3.89E-03	3.2E-04	1.05E-03	3.31E-07	1.29E-03	4.28E-10	1.0E+06	4.3E-04
77	0.08655	3.89E-03	3.4E-04	1.05E-03	3.52E-07	1.29E-03	4.54E-10	1.0E+06	4.5E-04
78	0.09966	3.89E-03	3.9E-04	1.05E-03	4.05E-07	1.29E-03	5.23E-10	1.0E+06	5.2E-04
79	0.14381	3.89E-03	5.6E-04	1.05E-03	5.84E-07	1.29E-03	7.54E-10	1.0E+06	7.5E-04
80	0.15036	3.89E-03	5.8E-04	1.05E-03	6.11E-07	1.29E-03	7.89E-10	1.0E+06	7.9E-04
81	0.15689	3.89E-03	6.1E-04	1.05E-03	6.37E-07	1.29E-03	8.23E-10	1.0E+06	8.2E-04
82	0.16396	3.89E-03	6.4E-04	1.05E-03	6.66E-07	1.29E-03	8.60E-10	1.0E+06	8.6E-04
83	0.17219	3.89E-03	6.7E-04	1.05E-03	6.99E-07	1.29E-03	9.03E-10	1.0E+06	9.0E-04
84	0.18305	3.89E-03	7.1E-04	1.05E-03	7.43E-07	1.29E-03	9.60E-10	1.0E+06	9.6E-04
85	0.19688	3.89E-03	7.7E-04	1.05E-03	8.00E-07	1.29E-03	1.03E-09	1.0E+06	1.0E-03
86	0.21211	3.89E-03	8.2E-04	1.05E-03	8.61E-07	1.29E-03	1.11E-09	1.0E+06	1.1E-03
87	0.22999	3.89E-03	8.9E-04	1.05E-03	9.34E-07	1.29E-03	1.21E-09	1.0E+06	1.2E-03
88	0.25043	3.89E-03	9.7E-04	1.05E-03	1.02E-06	1.29E-03	1.31E-09	1.0E+06	1.3E-03
89	0.26997	3.89E-03	1.0E-03	1.05E-03	1.10E-06	1.29E-03	1.42E-09	1.0E+06	1.4E-03
90	0.28726	3.89E-03	1.1E-03	1.05E-03	1.17E-06	1.29E-03	1.51E-09	1.0E+06	1.5E-03
91	0.29757	3.89E-03	1.2E-03	1.05E-03	1.21E-06	1.29E-03	1.56E-09	1.0E+06	1.6E-03
92	0.30479	3.89E-03	1.2E-03	1.05E-03	1.24E-06	1.29E-03	1.60E-09	1.0E+06	1.6E-03
93	0.30591	3.89E-03	1.2E-03	1.05E-03	1.24E-06	1.29E-03	1.60E-09	1.0E+06	1.6E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
94	0.30122	3.89E-03	1.2E-03	1.05E-03	1.22E-06	1.29E-03	1.58E-09	1.0E+06	1.6E-03
95	0.29164	3.89E-03	1.1E-03	1.05E-03	1.18E-06	1.29E-03	1.53E-09	1.0E+06	1.5E-03
96	0.27834	3.89E-03	1.1E-03	1.05E-03	1.13E-06	1.29E-03	1.46E-09	1.0E+06	1.5E-03
97	0.26253	3.89E-03	1.0E-03	1.05E-03	1.07E-06	1.29E-03	1.38E-09	1.0E+06	1.4E-03
98	0.24532	3.89E-03	9.5E-04	1.05E-03	9.96E-07	1.29E-03	1.29E-09	1.0E+06	1.3E-03
99	0.22758	3.89E-03	8.8E-04	1.05E-03	9.24E-07	1.29E-03	1.19E-09	1.0E+06	1.2E-03
100	0.20998	3.89E-03	8.2E-04	1.05E-03	8.53E-07	1.29E-03	1.10E-09	1.0E+06	1.1E-03
101	0.09143	3.89E-03	3.6E-04	1.05E-03	3.71E-07	1.29E-03	4.80E-10	1.0E+06	4.8E-04
102	0.09675	3.89E-03	3.8E-04	1.05E-03	3.93E-07	1.29E-03	5.08E-10	1.0E+06	5.1E-04
103	0.11188	3.89E-03	4.3E-04	1.05E-03	4.54E-07	1.29E-03	5.87E-10	1.0E+06	5.9E-04
104	0.16935	3.89E-03	6.6E-04	1.05E-03	6.88E-07	1.29E-03	8.88E-10	1.0E+06	8.9E-04
105	0.17826	3.89E-03	6.9E-04	1.05E-03	7.24E-07	1.29E-03	9.35E-10	1.0E+06	9.4E-04
106	0.18709	3.89E-03	7.3E-04	1.05E-03	7.60E-07	1.29E-03	9.81E-10	1.0E+06	9.8E-04
107	0.19675	3.89E-03	7.6E-04	1.05E-03	7.99E-07	1.29E-03	1.03E-09	1.0E+06	1.0E-03
108	0.20823	3.89E-03	8.1E-04	1.05E-03	8.46E-07	1.29E-03	1.09E-09	1.0E+06	1.1E-03
109	0.22364	3.89E-03	8.7E-04	1.05E-03	9.08E-07	1.29E-03	1.17E-09	1.0E+06	1.2E-03
110	0.24287	3.89E-03	9.4E-04	1.05E-03	9.86E-07	1.29E-03	1.27E-09	1.0E+06	1.3E-03
111	0.26271	3.89E-03	1.0E-03	1.05E-03	1.07E-06	1.29E-03	1.38E-09	1.0E+06	1.4E-03
112	0.28901	3.89E-03	1.1E-03	1.05E-03	1.17E-06	1.29E-03	1.52E-09	1.0E+06	1.5E-03
113	0.3152	3.89E-03	1.2E-03	1.05E-03	1.28E-06	1.29E-03	1.65E-09	1.0E+06	1.7E-03
114	0.33833	3.89E-03	1.3E-03	1.05E-03	1.37E-06	1.29E-03	1.77E-09	1.0E+06	1.8E-03
115	0.35508	3.89E-03	1.4E-03	1.05E-03	1.44E-06	1.29E-03	1.86E-09	1.0E+06	1.9E-03
116	0.3623	3.89E-03	1.4E-03	1.05E-03	1.47E-06	1.29E-03	1.90E-09	1.0E+06	1.9E-03
117	0.36368	3.89E-03	1.4E-03	1.05E-03	1.48E-06	1.29E-03	1.91E-09	1.0E+06	1.9E-03
118	0.35689	3.89E-03	1.4E-03	1.05E-03	1.45E-06	1.29E-03	1.87E-09	1.0E+06	1.9E-03
119	0.34344	3.89E-03	1.3E-03	1.05E-03	1.39E-06	1.29E-03	1.80E-09	1.0E+06	1.8E-03
120	0.32516	3.89E-03	1.3E-03	1.05E-03	1.32E-06	1.29E-03	1.71E-09	1.0E+06	1.7E-03
121	0.30382	3.89E-03	1.2E-03	1.05E-03	1.23E-06	1.29E-03	1.59E-09	1.0E+06	1.6E-03
122	0.28099	3.89E-03	1.1E-03	1.05E-03	1.14E-06	1.29E-03	1.47E-09	1.0E+06	1.5E-03
123	0.25794	3.89E-03	1.0E-03	1.05E-03	1.05E-06	1.29E-03	1.35E-09	1.0E+06	1.4E-03
124	0.23552	3.89E-03	9.2E-04	1.05E-03	9.57E-07	1.29E-03	1.24E-09	1.0E+06	1.2E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
125	0.10321	3.89E-03	4.0E-04	1.05E-03	4.19E-07	1.29E-03	5.41E-10	1.0E+06	5.4E-04
126	0.11009	3.89E-03	4.3E-04	1.05E-03	4.47E-07	1.29E-03	5.77E-10	1.0E+06	5.8E-04
127	0.12643	3.89E-03	4.9E-04	1.05E-03	5.13E-07	1.29E-03	6.63E-10	1.0E+06	6.6E-04
128	0.21511	3.89E-03	8.4E-04	1.05E-03	8.74E-07	1.29E-03	1.13E-09	1.0E+06	1.1E-03
129	0.22743	3.89E-03	8.8E-04	1.05E-03	9.24E-07	1.29E-03	1.19E-09	1.0E+06	1.2E-03
130	0.24099	3.89E-03	9.4E-04	1.05E-03	9.79E-07	1.29E-03	1.26E-09	1.0E+06	1.3E-03
131	0.25766	3.89E-03	1.0E-03	1.05E-03	1.05E-06	1.29E-03	1.35E-09	1.0E+06	1.4E-03
132	0.28032	3.89E-03	1.1E-03	1.05E-03	1.14E-06	1.29E-03	1.47E-09	1.0E+06	1.5E-03
133	0.30646	3.89E-03	1.2E-03	1.05E-03	1.24E-06	1.29E-03	1.61E-09	1.0E+06	1.6E-03
134	0.33706	3.89E-03	1.3E-03	1.05E-03	1.37E-06	1.29E-03	1.77E-09	1.0E+06	1.8E-03
135	0.37252	3.89E-03	1.4E-03	1.05E-03	1.51E-06	1.29E-03	1.95E-09	1.0E+06	2.0E-03
136	0.405	3.89E-03	1.6E-03	1.05E-03	1.64E-06	1.29E-03	2.12E-09	1.0E+06	2.1E-03
137	0.42929	3.89E-03	1.7E-03	1.05E-03	1.74E-06	1.29E-03	2.25E-09	1.0E+06	2.3E-03
138	0.44007	3.89E-03	1.7E-03	1.05E-03	1.79E-06	1.29E-03	2.31E-09	1.0E+06	2.3E-03
139	0.44017	3.89E-03	1.7E-03	1.05E-03	1.79E-06	1.29E-03	2.31E-09	1.0E+06	2.3E-03
140	0.43009	3.89E-03	1.7E-03	1.05E-03	1.75E-06	1.29E-03	2.26E-09	1.0E+06	2.3E-03
141	0.4107	3.89E-03	1.6E-03	1.05E-03	1.67E-06	1.29E-03	2.15E-09	1.0E+06	2.2E-03
142	0.3849	3.89E-03	1.5E-03	1.05E-03	1.56E-06	1.29E-03	2.02E-09	1.0E+06	2.0E-03
143	0.3555	3.89E-03	1.4E-03	1.05E-03	1.44E-06	1.29E-03	1.86E-09	1.0E+06	1.9E-03
144	0.32477	3.89E-03	1.3E-03	1.05E-03	1.32E-06	1.29E-03	1.70E-09	1.0E+06	1.7E-03
145	0.29441	3.89E-03	1.1E-03	1.05E-03	1.20E-06	1.29E-03	1.54E-09	1.0E+06	1.5E-03
146	0.26558	3.89E-03	1.0E-03	1.05E-03	1.08E-06	1.29E-03	1.39E-09	1.0E+06	1.4E-03
147	0.11723	3.89E-03	4.6E-04	1.05E-03	4.76E-07	1.29E-03	6.15E-10	1.0E+06	6.1E-04
148	0.12549	3.89E-03	4.9E-04	1.05E-03	5.10E-07	1.29E-03	6.58E-10	1.0E+06	6.6E-04
149	0.14396	3.89E-03	5.6E-04	1.05E-03	5.85E-07	1.29E-03	7.55E-10	1.0E+06	7.6E-04
150	0.26517	3.89E-03	1.0E-03	1.05E-03	1.08E-06	1.29E-03	1.39E-09	1.0E+06	1.4E-03
151	0.28301	3.89E-03	1.1E-03	1.05E-03	1.15E-06	1.29E-03	1.48E-09	1.0E+06	1.5E-03
152	0.30235	3.89E-03	1.2E-03	1.05E-03	1.23E-06	1.29E-03	1.59E-09	1.0E+06	1.6E-03
153	0.32806	3.89E-03	1.3E-03	1.05E-03	1.33E-06	1.29E-03	1.72E-09	1.0E+06	1.7E-03
154	0.36261	3.89E-03	1.4E-03	1.05E-03	1.47E-06	1.29E-03	1.90E-09	1.0E+06	1.9E-03
155	0.398	3.89E-03	1.5E-03	1.05E-03	1.62E-06	1.29E-03	2.09E-09	1.0E+06	2.1E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.44632	3.89E-03	1.7E-03	1.05E-03	1.81E-06	1.29E-03	2.34E-09	1.0E+06	2.3E-03
157	0.4933	3.89E-03	1.9E-03	1.05E-03	2.00E-06	1.29E-03	2.59E-09	1.0E+06	2.6E-03
158	0.52892	3.89E-03	2.1E-03	1.05E-03	2.15E-06	1.29E-03	2.77E-09	1.0E+06	2.8E-03
159	0.54671	3.89E-03	2.1E-03	1.05E-03	2.22E-06	1.29E-03	2.87E-09	1.0E+06	2.9E-03
160	0.54482	3.89E-03	2.1E-03	1.05E-03	2.21E-06	1.29E-03	2.86E-09	1.0E+06	2.9E-03
161	0.52891	3.89E-03	2.1E-03	1.05E-03	2.15E-06	1.29E-03	2.77E-09	1.0E+06	2.8E-03
162	0.50004	3.89E-03	1.9E-03	1.05E-03	2.03E-06	1.29E-03	2.62E-09	1.0E+06	2.6E-03
163	0.46262	3.89E-03	1.8E-03	1.05E-03	1.88E-06	1.29E-03	2.43E-09	1.0E+06	2.4E-03
164	0.42119	3.89E-03	1.6E-03	1.05E-03	1.71E-06	1.29E-03	2.21E-09	1.0E+06	2.2E-03
165	0.37907	3.89E-03	1.5E-03	1.05E-03	1.54E-06	1.29E-03	1.99E-09	1.0E+06	2.0E-03
166	0.33857	3.89E-03	1.3E-03	1.05E-03	1.38E-06	1.29E-03	1.78E-09	1.0E+06	1.8E-03
167	0.30106	3.89E-03	1.2E-03	1.05E-03	1.22E-06	1.29E-03	1.58E-09	1.0E+06	1.6E-03
168	0.26721	3.89E-03	1.0E-03	1.05E-03	1.09E-06	1.29E-03	1.40E-09	1.0E+06	1.4E-03
169	0.1338	3.89E-03	5.2E-04	1.05E-03	5.43E-07	1.29E-03	7.02E-10	1.0E+06	7.0E-04
170	0.14452	3.89E-03	5.6E-04	1.05E-03	5.87E-07	1.29E-03	7.58E-10	1.0E+06	7.6E-04
171	0.16468	3.89E-03	6.4E-04	1.05E-03	6.69E-07	1.29E-03	8.64E-10	1.0E+06	8.6E-04
172	0.18144	3.89E-03	7.1E-04	1.05E-03	7.37E-07	1.29E-03	9.52E-10	1.0E+06	9.5E-04
173	0.33557	3.89E-03	1.3E-03	1.05E-03	1.36E-06	1.29E-03	1.76E-09	1.0E+06	1.8E-03
174	0.36248	3.89E-03	1.4E-03	1.05E-03	1.47E-06	1.29E-03	1.90E-09	1.0E+06	1.9E-03
175	0.39215	3.89E-03	1.5E-03	1.05E-03	1.59E-06	1.29E-03	2.06E-09	1.0E+06	2.1E-03
176	0.43309	3.89E-03	1.7E-03	1.05E-03	1.76E-06	1.29E-03	2.27E-09	1.0E+06	2.3E-03
177	0.48554	3.89E-03	1.9E-03	1.05E-03	1.97E-06	1.29E-03	2.55E-09	1.0E+06	2.5E-03
178	0.54331	3.89E-03	2.1E-03	1.05E-03	2.21E-06	1.29E-03	2.85E-09	1.0E+06	2.9E-03
179	0.61192	3.89E-03	2.4E-03	1.05E-03	2.49E-06	1.29E-03	3.21E-09	1.0E+06	3.2E-03
180	0.66756	3.89E-03	2.6E-03	1.05E-03	2.71E-06	1.29E-03	3.50E-09	1.0E+06	3.5E-03
181	0.69666	3.89E-03	2.7E-03	1.05E-03	2.83E-06	1.29E-03	3.65E-09	1.0E+06	3.7E-03
182	0.69355	3.89E-03	2.7E-03	1.05E-03	2.82E-06	1.29E-03	3.64E-09	1.0E+06	3.6E-03
183	0.39228	3.89E-03	1.5E-03	1.05E-03	1.59E-06	1.29E-03	2.06E-09	1.0E+06	2.1E-03
184	0.34306	3.89E-03	1.3E-03	1.05E-03	1.39E-06	1.29E-03	1.80E-09	1.0E+06	1.8E-03
185	0.16731	3.89E-03	6.5E-04	1.05E-03	6.80E-07	1.29E-03	8.78E-10	1.0E+06	8.8E-04
186	0.18831	3.89E-03	7.3E-04	1.05E-03	7.65E-07	1.29E-03	9.88E-10	1.0E+06	9.9E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Constant	Risk	Constant 2	Risk/ Million
187	0.21275	3.89E-03	8.3E-04	1.05E-03	8.64E-07	1.29E-03	1.12E-09	1.0E+06	1.1E-03
188	0.43896	3.89E-03	1.7E-03	1.05E-03	1.78E-06	1.29E-03	2.30E-09	1.0E+06	2.3E-03
189	0.48188	3.89E-03	1.9E-03	1.05E-03	1.96E-06	1.29E-03	2.53E-09	1.0E+06	2.5E-03
190	0.53031	3.89E-03	2.1E-03	1.05E-03	2.15E-06	1.29E-03	2.78E-09	1.0E+06	2.8E-03
191	0.59833	3.89E-03	2.3E-03	1.05E-03	2.43E-06	1.29E-03	3.14E-09	1.0E+06	3.1E-03
192	0.67744	3.89E-03	2.6E-03	1.05E-03	2.75E-06	1.29E-03	3.55E-09	1.0E+06	3.6E-03
193	0.778	3.89E-03	3.0E-03	1.05E-03	3.16E-06	1.29E-03	4.08E-09	1.0E+06	4.1E-03
194	0.86807	3.89E-03	3.4E-03	1.05E-03	3.53E-06	1.29E-03	4.55E-09	1.0E+06	4.6E-03
195	0.91741	3.89E-03	3.6E-03	1.05E-03	3.73E-06	1.29E-03	4.81E-09	1.0E+06	4.8E-03
196	0.9168	3.89E-03	3.6E-03	1.05E-03	3.72E-06	1.29E-03	4.81E-09	1.0E+06	4.8E-03
197	0.87045	3.89E-03	3.4E-03	1.05E-03	3.54E-06	1.29E-03	4.57E-09	1.0E+06	4.6E-03
198	0.21925	3.89E-03	8.5E-04	1.05E-03	8.90E-07	1.29E-03	1.15E-09	1.0E+06	1.2E-03
199	0.25142	3.89E-03	9.8E-04	1.05E-03	1.02E-06	1.29E-03	1.32E-09	1.0E+06	1.3E-03
200	0.25402	3.89E-03	9.9E-04	1.05E-03	1.03E-06	1.29E-03	1.33E-09	1.0E+06	1.3E-03
201	0.29686	3.89E-03	1.2E-03	1.05E-03	1.21E-06	1.29E-03	1.56E-09	1.0E+06	1.6E-03
202	0.34659	3.89E-03	1.3E-03	1.05E-03	1.41E-06	1.29E-03	1.82E-09	1.0E+06	1.8E-03
203	0.35145	3.89E-03	1.4E-03	1.05E-03	1.43E-06	1.29E-03	1.84E-09	1.0E+06	1.8E-03
204	0.42484	3.89E-03	1.7E-03	1.05E-03	1.73E-06	1.29E-03	2.23E-09	1.0E+06	2.2E-03
205	0.51612	3.89E-03	2.0E-03	1.05E-03	2.10E-06	1.29E-03	2.71E-09	1.0E+06	2.7E-03
206	0.51464	3.89E-03	2.0E-03	1.05E-03	2.09E-06	1.29E-03	2.70E-09	1.0E+06	2.7E-03
207	0.65689	3.89E-03	2.6E-03	1.05E-03	2.67E-06	1.29E-03	3.45E-09	1.0E+06	3.4E-03
208	0.84977	3.89E-03	3.3E-03	1.05E-03	3.45E-06	1.29E-03	4.46E-09	1.0E+06	4.5E-03
209	0.62138	3.89E-03	2.4E-03	1.05E-03	2.52E-06	1.29E-03	3.26E-09	1.0E+06	3.3E-03
210	0.82565	3.89E-03	3.2E-03	1.05E-03	3.35E-06	1.29E-03	4.33E-09	1.0E+06	4.3E-03
211	1.14395	3.89E-03	4.4E-03	1.05E-03	4.65E-06	1.29E-03	6.00E-09	1.0E+06	6.0E-03
212	1.02724	3.89E-03	4.0E-03	1.05E-03	4.17E-06	1.29E-03	5.39E-09	1.0E+06	5.4E-03
213	1.51401	3.89E-03	5.9E-03	1.05E-03	6.15E-06	1.29E-03	7.94E-09	1.0E+06	7.9E-03
214	2.41236	3.89E-03	9.4E-03	1.05E-03	9.80E-06	1.29E-03	1.27E-08	1.0E+06	1.3E-02
215	1.25084	3.89E-03	4.9E-03	1.05E-03	5.08E-06	1.29E-03	6.56E-09	1.0E+06	6.6E-03
216	1.91154	3.89E-03	7.4E-03	1.05E-03	7.76E-06	1.29E-03	1.00E-08	1.0E+06	1.0E-02
217	3.22864	3.89E-03	1.3E-02	1.05E-03	1.31E-05	1.29E-03	1.69E-08	1.0E+06	1.7E-02

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
218	3.58447	3.89E-03	1.4E-02	1.05E-03	1.46E-05	1.29E-03	1.88E-08	1.0E+06	1.9E-02
219	6.35607	3.89E-03	2.5E-02	1.05E-03	2.58E-05	1.29E-03	3.33E-08	1.0E+06	3.3E-02
220	3.23757	3.89E-03	1.3E-02	1.05E-03	1.31E-05	1.29E-03	1.70E-08	1.0E+06	1.7E-02
221	4.85674	3.89E-03	1.9E-02	1.05E-03	1.97E-05	1.29E-03	2.55E-08	1.0E+06	2.5E-02
222	2.51411	3.89E-03	9.8E-03	1.05E-03	1.02E-05	1.29E-03	1.32E-08	1.0E+06	1.3E-02
223	3.24955	3.89E-03	1.3E-02	1.05E-03	1.32E-05	1.29E-03	1.70E-08	1.0E+06	1.7E-02
224	3.86771	3.89E-03	1.5E-02	1.05E-03	1.57E-05	1.29E-03	2.03E-08	1.0E+06	2.0E-02
225	2.08835	3.89E-03	8.1E-03	1.05E-03	8.48E-06	1.29E-03	1.10E-08	1.0E+06	1.1E-02
226	2.20499	3.89E-03	8.6E-03	1.05E-03	8.96E-06	1.29E-03	1.16E-08	1.0E+06	1.2E-02
227	0.08906	3.89E-03	3.5E-04	1.05E-03	3.62E-07	1.29E-03	4.67E-10	1.0E+06	4.7E-04
228	0.08067	3.89E-03	3.1E-04	1.05E-03	3.28E-07	1.29E-03	4.23E-10	1.0E+06	4.2E-04
229	0.07345	3.89E-03	2.9E-04	1.05E-03	2.98E-07	1.29E-03	3.85E-10	1.0E+06	3.9E-04
230	0.0672	3.89E-03	2.6E-04	1.05E-03	2.73E-07	1.29E-03	3.53E-10	1.0E+06	3.5E-04
231	0.08305	3.89E-03	3.2E-04	1.05E-03	3.37E-07	1.29E-03	4.36E-10	1.0E+06	4.4E-04
232	0.07561	3.89E-03	2.9E-04	1.05E-03	3.07E-07	1.29E-03	3.97E-10	1.0E+06	4.0E-04
233	0.06916	3.89E-03	2.7E-04	1.05E-03	2.81E-07	1.29E-03	3.63E-10	1.0E+06	3.6E-04
234	0.06352	3.89E-03	2.5E-04	1.05E-03	2.58E-07	1.29E-03	3.33E-10	1.0E+06	3.3E-04
235	0.07748	3.89E-03	3.0E-04	1.05E-03	3.15E-07	1.29E-03	4.06E-10	1.0E+06	4.1E-04
236	0.07098	3.89E-03	2.8E-04	1.05E-03	2.88E-07	1.29E-03	3.72E-10	1.0E+06	3.7E-04
237	0.06525	3.89E-03	2.5E-04	1.05E-03	2.65E-07	1.29E-03	3.42E-10	1.0E+06	3.4E-04
238	0.06018	3.89E-03	2.3E-04	1.05E-03	2.44E-07	1.29E-03	3.16E-10	1.0E+06	3.2E-04
239	0.40184	3.89E-03	1.6E-03	1.05E-03	1.63E-06	1.29E-03	2.11E-09	1.0E+06	2.1E-03
240	0.36081	3.89E-03	1.4E-03	1.05E-03	1.47E-06	1.29E-03	1.89E-09	1.0E+06	1.9E-03
241	0.32566	3.89E-03	1.3E-03	1.05E-03	1.32E-06	1.29E-03	1.71E-09	1.0E+06	1.7E-03
242	0.29532	3.89E-03	1.1E-03	1.05E-03	1.20E-06	1.29E-03	1.55E-09	1.0E+06	1.5E-03
243	0.36498	3.89E-03	1.4E-03	1.05E-03	1.48E-06	1.29E-03	1.91E-09	1.0E+06	1.9E-03
244	0.33001	3.89E-03	1.3E-03	1.05E-03	1.34E-06	1.29E-03	1.73E-09	1.0E+06	1.7E-03
245	0.29968	3.89E-03	1.2E-03	1.05E-03	1.22E-06	1.29E-03	1.57E-09	1.0E+06	1.6E-03
246	0.2732	3.89E-03	1.1E-03	1.05E-03	1.11E-06	1.29E-03	1.43E-09	1.0E+06	1.4E-03
247	0.33264	3.89E-03	1.3E-03	1.05E-03	1.35E-06	1.29E-03	1.74E-09	1.0E+06	1.7E-03
248	0.30271	3.89E-03	1.2E-03	1.05E-03	1.23E-06	1.29E-03	1.59E-09	1.0E+06	1.6E-03



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
249	0.27644	3.89E-03	1.1E-03	1.05E-03	1.12E-06	1.29E-03	1.45E-09	1.0E+06	1.5E-03
250	0.25323	3.89E-03	9.8E-04	1.05E-03	1.03E-06	1.29E-03	1.33E-09	1.0E+06	1.3E-03
251	0.16523	3.89E-03	6.4E-04	1.05E-03	6.71E-07	1.29E-03	8.67E-10	1.0E+06	8.7E-04
252	0.15481	3.89E-03	6.0E-04	1.05E-03	6.29E-07	1.29E-03	8.12E-10	1.0E+06	8.1E-04
253	0.18894	3.89E-03	7.3E-04	1.05E-03	7.67E-07	1.29E-03	9.91E-10	1.0E+06	9.9E-04
254	0.17655	3.89E-03	6.9E-04	1.05E-03	7.17E-07	1.29E-03	9.26E-10	1.0E+06	9.3E-04
255	0.15507	3.89E-03	6.0E-04	1.05E-03	6.30E-07	1.29E-03	8.13E-10	1.0E+06	8.1E-04
256	0.14572	3.89E-03	5.7E-04	1.05E-03	5.92E-07	1.29E-03	7.64E-10	1.0E+06	7.6E-04
257	0.12225	3.89E-03	4.8E-04	1.05E-03	4.97E-07	1.29E-03	6.41E-10	1.0E+06	6.4E-04
258	0.17603	3.89E-03	6.8E-04	1.05E-03	7.15E-07	1.29E-03	9.23E-10	1.0E+06	9.2E-04
259	0.16496	3.89E-03	6.4E-04	1.05E-03	6.70E-07	1.29E-03	8.65E-10	1.0E+06	8.7E-04
260	0.15483	3.89E-03	6.0E-04	1.05E-03	6.29E-07	1.29E-03	8.12E-10	1.0E+06	8.1E-04
261	0.14564	3.89E-03	5.7E-04	1.05E-03	5.92E-07	1.29E-03	7.64E-10	1.0E+06	7.6E-04
262	0.13724	3.89E-03	5.3E-04	1.05E-03	5.57E-07	1.29E-03	7.20E-10	1.0E+06	7.2E-04
263	0.11602	3.89E-03	4.5E-04	1.05E-03	4.71E-07	1.29E-03	6.09E-10	1.0E+06	6.1E-04
264	0.15435	3.89E-03	6.0E-04	1.05E-03	6.27E-07	1.29E-03	8.10E-10	1.0E+06	8.1E-04
265	0.14527	3.89E-03	5.6E-04	1.05E-03	5.90E-07	1.29E-03	7.62E-10	1.0E+06	7.6E-04
266	0.13696	3.89E-03	5.3E-04	1.05E-03	5.56E-07	1.29E-03	7.18E-10	1.0E+06	7.2E-04
267	0.12934	3.89E-03	5.0E-04	1.05E-03	5.25E-07	1.29E-03	6.78E-10	1.0E+06	6.8E-04
268	0.11015	3.89E-03	4.3E-04	1.05E-03	4.47E-07	1.29E-03	5.78E-10	1.0E+06	5.8E-04
269	0.17159	3.89E-03	6.7E-04	1.05E-03	6.97E-07	1.29E-03	9.00E-10	1.0E+06	9.0E-04
270	0.15068	3.89E-03	5.9E-04	1.05E-03	6.12E-07	1.29E-03	7.90E-10	1.0E+06	7.9E-04
271	0.13348	3.89E-03	5.2E-04	1.05E-03	5.42E-07	1.29E-03	7.00E-10	1.0E+06	7.0E-04
272	0.11917	3.89E-03	4.6E-04	1.05E-03	4.84E-07	1.29E-03	6.25E-10	1.0E+06	6.3E-04
273	0.10715	3.89E-03	4.2E-04	1.05E-03	4.35E-07	1.29E-03	5.62E-10	1.0E+06	5.6E-04
274	0.09697	3.89E-03	3.8E-04	1.05E-03	3.94E-07	1.29E-03	5.09E-10	1.0E+06	5.1E-04
275	0.08827	3.89E-03	3.4E-04	1.05E-03	3.59E-07	1.29E-03	4.63E-10	1.0E+06	4.6E-04
276	0.15507	3.89E-03	6.0E-04	1.05E-03	6.30E-07	1.29E-03	8.13E-10	1.0E+06	8.1E-04
277	0.13687	3.89E-03	5.3E-04	1.05E-03	5.56E-07	1.29E-03	7.18E-10	1.0E+06	7.2E-04
278	0.12183	3.89E-03	4.7E-04	1.05E-03	4.95E-07	1.29E-03	6.39E-10	1.0E+06	6.4E-04
279	0.10926	3.89E-03	4.2E-04	1.05E-03	4.44E-07	1.29E-03	5.73E-10	1.0E+06	5.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Dose		Cancer Risk from Birth to 2 Years Risk		Constant 2	Risk/ Million
				Constant	Dose	Constant	Risk		
280	0.09865	3.89E-03	3.8E-04	1.05E-03	4.01E-07	1.29E-03	5.17E-10	1.0E+06	5.2E-04
281	0.08962	3.89E-03	3.5E-04	1.05E-03	3.64E-07	1.29E-03	4.70E-10	1.0E+06	4.7E-04
282	0.08186	3.89E-03	3.2E-04	1.05E-03	3.32E-07	1.29E-03	4.29E-10	1.0E+06	4.3E-04
283	0.13944	3.89E-03	5.4E-04	1.05E-03	5.66E-07	1.29E-03	7.31E-10	1.0E+06	7.3E-04
284	0.1238	3.89E-03	4.8E-04	1.05E-03	5.03E-07	1.29E-03	6.49E-10	1.0E+06	6.5E-04
285	0.11079	3.89E-03	4.3E-04	1.05E-03	4.50E-07	1.29E-03	5.81E-10	1.0E+06	5.8E-04
286	0.09984	3.89E-03	3.9E-04	1.05E-03	4.05E-07	1.29E-03	5.24E-10	1.0E+06	5.2E-04
287	0.09054	3.89E-03	3.5E-04	1.05E-03	3.68E-07	1.29E-03	4.75E-10	1.0E+06	4.7E-04
288	0.08258	3.89E-03	3.2E-04	1.05E-03	3.35E-07	1.29E-03	4.33E-10	1.0E+06	4.3E-04
289	0.07571	3.89E-03	2.9E-04	1.05E-03	3.07E-07	1.29E-03	3.97E-10	1.0E+06	4.0E-04
290	0.12498	3.89E-03	4.9E-04	1.05E-03	5.08E-07	1.29E-03	6.56E-10	1.0E+06	6.6E-04
291	0.11165	3.89E-03	4.3E-04	1.05E-03	4.53E-07	1.29E-03	5.86E-10	1.0E+06	5.9E-04
292	0.10045	3.89E-03	3.9E-04	1.05E-03	4.08E-07	1.29E-03	5.27E-10	1.0E+06	5.3E-04
293	0.09097	3.89E-03	3.5E-04	1.05E-03	3.69E-07	1.29E-03	4.77E-10	1.0E+06	4.8E-04
294	0.08286	3.89E-03	3.2E-04	1.05E-03	3.37E-07	1.29E-03	4.35E-10	1.0E+06	4.3E-04
295	0.07588	3.89E-03	2.9E-04	1.05E-03	3.08E-07	1.29E-03	3.98E-10	1.0E+06	4.0E-04
296	0.06983	3.89E-03	2.7E-04	1.05E-03	2.84E-07	1.29E-03	3.66E-10	1.0E+06	3.7E-04
297	0.11197	3.89E-03	4.4E-04	1.05E-03	4.55E-07	1.29E-03	5.87E-10	1.0E+06	5.9E-04
298	0.10061	3.89E-03	3.9E-04	1.05E-03	4.09E-07	1.29E-03	5.28E-10	1.0E+06	5.3E-04
299	0.091	3.89E-03	3.5E-04	1.05E-03	3.70E-07	1.29E-03	4.77E-10	1.0E+06	4.8E-04
300	0.0828	3.89E-03	3.2E-04	1.05E-03	3.36E-07	1.29E-03	4.34E-10	1.0E+06	4.3E-04
301	0.07575	3.89E-03	2.9E-04	1.05E-03	3.08E-07	1.29E-03	3.97E-10	1.0E+06	4.0E-04
302	0.06964	3.89E-03	2.7E-04	1.05E-03	2.83E-07	1.29E-03	3.65E-10	1.0E+06	3.7E-04
303	0.06431	3.89E-03	2.5E-04	1.05E-03	2.61E-07	1.29E-03	3.37E-10	1.0E+06	3.4E-04
304	0.10064	3.89E-03	3.9E-04	1.05E-03	4.09E-07	1.29E-03	5.28E-10	1.0E+06	5.3E-04
305	0.09092	3.89E-03	3.5E-04	1.05E-03	3.69E-07	1.29E-03	4.77E-10	1.0E+06	4.8E-04
306	0.08263	3.89E-03	3.2E-04	1.05E-03	3.36E-07	1.29E-03	4.33E-10	1.0E+06	4.3E-04
307	0.07552	3.89E-03	2.9E-04	1.05E-03	3.07E-07	1.29E-03	3.96E-10	1.0E+06	4.0E-04
308	0.06936	3.89E-03	2.7E-04	1.05E-03	2.82E-07	1.29E-03	3.64E-10	1.0E+06	3.6E-04
309	0.064	3.89E-03	2.5E-04	1.05E-03	2.60E-07	1.29E-03	3.36E-10	1.0E+06	3.4E-04
310	0.0593	3.89E-03	2.3E-04	1.05E-03	2.41E-07	1.29E-03	3.11E-10	1.0E+06	3.1E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Paving Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
311	0.09124	3.89E-03	3.5E-04	1.05E-03	3.71E-07	1.29E-03	4.79E-10	1.0E+06	4.8E-04
312	0.08276	3.89E-03	3.2E-04	1.05E-03	3.36E-07	1.29E-03	4.34E-10	1.0E+06	4.3E-04
313	0.07553	3.89E-03	2.9E-04	1.05E-03	3.07E-07	1.29E-03	3.96E-10	1.0E+06	4.0E-04
314	0.06927	3.89E-03	2.7E-04	1.05E-03	2.81E-07	1.29E-03	3.63E-10	1.0E+06	3.6E-04
315	0.06384	3.89E-03	2.5E-04	1.05E-03	2.59E-07	1.29E-03	3.35E-10	1.0E+06	3.3E-04
316	0.05909	3.89E-03	2.3E-04	1.05E-03	2.40E-07	1.29E-03	3.10E-10	1.0E+06	3.1E-04
317	0.05491	3.89E-03	2.1E-04	1.05E-03	2.23E-07	1.29E-03	2.88E-10	1.0E+06	2.9E-04

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Paving Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	4.69E-05
2	5	4.92E-05
3	5	5.70E-05
4	5	7.38E-05
5	5	7.61E-05
6	5	7.85E-05
7	5	8.10E-05
8	5	8.37E-05
9	5	8.73E-05
10	5	9.16E-05
11	5	9.69E-05
12	5	1.03E-04
13	5	1.10E-04
14	5	1.17E-04
15	5	1.25E-04
16	5	1.33E-04
17	5	1.40E-04
18	5	1.46E-04
19	5	1.50E-04
20	5	1.53E-04
21	5	1.53E-04
22	5	1.52E-04
23	5	1.49E-04
24	5	1.45E-04
25	5	1.39E-04
26	5	5.15E-05
27	5	5.46E-05
28	5	6.27E-05
29	5	8.38E-05
30	5	8.68E-05
31	5	8.98E-05

Max	Receptor #
0.005	219

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	9.29E-05
33	5	9.65E-05
34	5	1.01E-04
35	5	1.07E-04
36	5	1.14E-04
37	5	1.22E-04
38	5	1.30E-04
39	5	1.40E-04
40	5	1.50E-04
41	5	1.59E-04
42	5	1.66E-04
43	5	1.72E-04
44	5	1.75E-04
45	5	1.76E-04
46	5	1.74E-04
47	5	1.70E-04
48	5	1.64E-04
49	5	1.57E-04
50	5	1.49E-04
51	5	5.69E-05
52	5	6.04E-05
53	5	6.95E-05
54	5	9.62E-05
55	5	1.00E-04
56	5	1.04E-04
57	5	1.08E-04
58	5	1.13E-04
59	5	1.19E-04
60	5	1.27E-04
61	5	1.36E-04
62	5	1.46E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
63	5	1.58E-04
64	5	1.70E-04
65	5	1.82E-04
66	5	1.91E-04
67	5	1.98E-04
68	5	2.02E-04
69	5	2.03E-04
70	5	2.00E-04
71	5	1.95E-04
72	5	1.87E-04
73	5	1.78E-04
74	5	1.68E-04
75	5	1.57E-04
76	5	6.34E-05
77	5	6.73E-05
78	5	7.75E-05
79	5	1.12E-04
80	5	1.17E-04
81	5	1.22E-04
82	5	1.27E-04
83	5	1.34E-04
84	5	1.42E-04
85	5	1.53E-04
86	5	1.65E-04
87	5	1.79E-04
88	5	1.95E-04
89	5	2.10E-04
90	5	2.23E-04
91	5	2.31E-04
92	5	2.37E-04
93	5	2.38E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	2.34E-04
95	5	2.27E-04
96	5	2.16E-04
97	5	2.04E-04
98	5	1.91E-04
99	5	1.77E-04
100	5	1.63E-04
101	5	7.11E-05
102	5	7.52E-05
103	5	8.69E-05
104	5	1.32E-04
105	5	1.39E-04
106	5	1.45E-04
107	5	1.53E-04
108	5	1.62E-04
109	5	1.74E-04
110	5	1.89E-04
111	5	2.04E-04
112	5	2.25E-04
113	5	2.45E-04
114	5	2.63E-04
115	5	2.76E-04
116	5	2.82E-04
117	5	2.83E-04
118	5	2.77E-04
119	5	2.67E-04
120	5	2.53E-04
121	5	2.36E-04
122	5	2.18E-04
123	5	2.00E-04
124	5	1.83E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	8.02E-05
126	5	8.56E-05
127	5	9.83E-05
128	5	1.67E-04
129	5	1.77E-04
130	5	1.87E-04
131	5	2.00E-04
132	5	2.18E-04
133	5	2.38E-04
134	5	2.62E-04
135	5	2.90E-04
136	5	3.15E-04
137	5	3.34E-04
138	5	3.42E-04
139	5	3.42E-04
140	5	3.34E-04
141	5	3.19E-04
142	5	2.99E-04
143	5	2.76E-04
144	5	2.52E-04
145	5	2.29E-04
146	5	2.06E-04
147	5	9.11E-05
148	5	9.75E-05
149	5	1.12E-04
150	5	2.06E-04
151	5	2.20E-04
152	5	2.35E-04
153	5	2.55E-04
154	5	2.82E-04
155	5	3.09E-04



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
156	5	3.47E-04
157	5	3.83E-04
158	5	4.11E-04
159	5	4.25E-04
160	5	4.23E-04
161	5	4.11E-04
162	5	3.89E-04
163	5	3.60E-04
164	5	3.27E-04
165	5	2.95E-04
166	5	2.63E-04
167	5	2.34E-04
168	5	2.08E-04
169	5	1.04E-04
170	5	1.12E-04
171	5	1.28E-04
172	5	1.41E-04
173	5	2.61E-04
174	5	2.82E-04
175	5	3.05E-04
176	5	3.37E-04
177	5	3.77E-04
178	5	4.22E-04
179	5	4.76E-04
180	5	5.19E-04
181	5	5.41E-04
182	5	5.39E-04
183	5	3.05E-04
184	5	2.67E-04
185	5	1.30E-04
186	5	1.46E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	1.65E-04
188	5	3.41E-04
189	5	3.74E-04
190	5	4.12E-04
191	5	4.65E-04
192	5	5.26E-04
193	5	6.05E-04
194	5	6.75E-04
195	5	7.13E-04
196	5	7.12E-04
197	5	6.76E-04
198	5	1.70E-04
199	5	1.95E-04
200	5	1.97E-04
201	5	2.31E-04
202	5	2.69E-04
203	5	2.73E-04
204	5	3.30E-04
205	5	4.01E-04
206	5	4.00E-04
207	5	5.11E-04
208	5	6.60E-04
209	5	4.83E-04
210	5	6.42E-04
211	5	8.89E-04
212	5	7.98E-04
213	5	1.18E-03
214	5	1.87E-03
215	5	9.72E-04
216	5	1.49E-03
217	5	2.51E-03

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
218	5	2.79E-03
219	5	4.94E-03
220	5	2.52E-03
221	5	3.77E-03
222	5	1.95E-03
223	5	2.53E-03
224	5	3.01E-03
225	5	1.62E-03
226	5	1.71E-03
227	5	6.92E-05
228	5	6.27E-05
229	5	5.71E-05
230	5	5.22E-05
231	5	6.45E-05
232	5	5.88E-05
233	5	5.37E-05
234	5	4.94E-05
235	5	6.02E-05
236	5	5.52E-05
237	5	5.07E-05
238	5	4.68E-05
239	5	3.12E-04
240	5	2.80E-04
241	5	2.53E-04
242	5	2.30E-04
243	5	2.84E-04
244	5	2.56E-04
245	5	2.33E-04
246	5	2.12E-04
247	5	2.59E-04
248	5	2.35E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	2.15E-04
250	5	1.97E-04
251	5	1.28E-04
252	5	1.20E-04
253	5	1.47E-04
254	5	1.37E-04
255	5	1.21E-04
256	5	1.13E-04
257	5	9.50E-05
258	5	1.37E-04
259	5	1.28E-04
260	5	1.20E-04
261	5	1.13E-04
262	5	1.07E-04
263	5	9.02E-05
264	5	1.20E-04
265	5	1.13E-04
266	5	1.06E-04
267	5	1.01E-04
268	5	8.56E-05
269	5	1.33E-04
270	5	1.17E-04
271	5	1.04E-04
272	5	9.26E-05
273	5	8.33E-05
274	5	7.54E-05
275	5	6.86E-05
276	5	1.21E-04
277	5	1.06E-04
278	5	9.47E-05
279	5	8.49E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	7.67E-05
281	5	6.96E-05
282	5	6.36E-05
283	5	1.08E-04
284	5	9.62E-05
285	5	8.61E-05
286	5	7.76E-05
287	5	7.04E-05
288	5	6.42E-05
289	5	5.88E-05
290	5	9.71E-05
291	5	8.68E-05
292	5	7.81E-05
293	5	7.07E-05
294	5	6.44E-05
295	5	5.90E-05
296	5	5.43E-05
297	5	8.70E-05
298	5	7.82E-05
299	5	7.07E-05
300	5	6.43E-05
301	5	5.89E-05
302	5	5.41E-05
303	5	5.00E-05
304	5	7.82E-05
305	5	7.07E-05
306	5	6.42E-05
307	5	5.87E-05
308	5	5.39E-05
309	5	4.97E-05
310	5	4.61E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Paving Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	7.09E-05
312	5	6.43E-05
313	5	5.87E-05
314	5	5.38E-05
315	5	4.96E-05
316	5	4.59E-05
317	5	4.27E-05

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Parcel 9-H: Unmitigated - Parcel 9 - Architectural Coating Risk

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
1	0.06045	8.92E-04	5.4E-05	1.05E-03	5.64E-08	1.29E-03	7.28E-11	1.0E+06	7.3E-05
2	0.06352	8.92E-04	5.7E-05	1.05E-03	5.92E-08	1.29E-03	7.65E-11	1.0E+06	7.6E-05
3	0.07313	8.92E-04	6.5E-05	1.05E-03	6.82E-08	1.29E-03	8.81E-11	1.0E+06	8.8E-05
4	0.09487	8.92E-04	8.5E-05	1.05E-03	8.85E-08	1.29E-03	1.14E-10	1.0E+06	1.1E-04
5	0.09788	8.92E-04	8.7E-05	1.05E-03	9.13E-08	1.29E-03	1.18E-10	1.0E+06	1.2E-04
6	0.10087	8.92E-04	9.0E-05	1.05E-03	9.41E-08	1.29E-03	1.21E-10	1.0E+06	1.2E-04
7	0.10407	8.92E-04	9.3E-05	1.05E-03	9.70E-08	1.29E-03	1.25E-10	1.0E+06	1.3E-04
8	0.10774	8.92E-04	9.6E-05	1.05E-03	1.00E-07	1.29E-03	1.30E-10	1.0E+06	1.3E-04
9	0.11215	8.92E-04	1.0E-04	1.05E-03	1.05E-07	1.29E-03	1.35E-10	1.0E+06	1.4E-04
10	0.11763	8.92E-04	1.0E-04	1.05E-03	1.10E-07	1.29E-03	1.42E-10	1.0E+06	1.4E-04
11	0.12432	8.92E-04	1.1E-04	1.05E-03	1.16E-07	1.29E-03	1.50E-10	1.0E+06	1.5E-04
12	0.13214	8.92E-04	1.2E-04	1.05E-03	1.23E-07	1.29E-03	1.59E-10	1.0E+06	1.6E-04
13	0.14023	8.92E-04	1.3E-04	1.05E-03	1.31E-07	1.29E-03	1.69E-10	1.0E+06	1.7E-04
14	0.14974	8.92E-04	1.3E-04	1.05E-03	1.40E-07	1.29E-03	1.80E-10	1.0E+06	1.8E-04
15	0.16038	8.92E-04	1.4E-04	1.05E-03	1.50E-07	1.29E-03	1.93E-10	1.0E+06	1.9E-04
16	0.17102	8.92E-04	1.5E-04	1.05E-03	1.59E-07	1.29E-03	2.06E-10	1.0E+06	2.1E-04
17	0.1793	8.92E-04	1.6E-04	1.05E-03	1.67E-07	1.29E-03	2.16E-10	1.0E+06	2.2E-04
18	0.18751	8.92E-04	1.7E-04	1.05E-03	1.75E-07	1.29E-03	2.26E-10	1.0E+06	2.3E-04
19	0.19345	8.92E-04	1.7E-04	1.05E-03	1.80E-07	1.29E-03	2.33E-10	1.0E+06	2.3E-04
20	0.19681	8.92E-04	1.8E-04	1.05E-03	1.84E-07	1.29E-03	2.37E-10	1.0E+06	2.4E-04
21	0.19757	8.92E-04	1.8E-04	1.05E-03	1.84E-07	1.29E-03	2.38E-10	1.0E+06	2.4E-04
22	0.19588	8.92E-04	1.7E-04	1.05E-03	1.83E-07	1.29E-03	2.36E-10	1.0E+06	2.4E-04
23	0.19203	8.92E-04	1.7E-04	1.05E-03	1.79E-07	1.29E-03	2.31E-10	1.0E+06	2.3E-04
24	0.18639	8.92E-04	1.7E-04	1.05E-03	1.74E-07	1.29E-03	2.24E-10	1.0E+06	2.2E-04
25	0.17936	8.92E-04	1.6E-04	1.05E-03	1.67E-07	1.29E-03	2.16E-10	1.0E+06	2.2E-04
26	0.06639	8.92E-04	5.9E-05	1.05E-03	6.19E-08	1.29E-03	8.00E-11	1.0E+06	8.0E-05
27	0.07	8.92E-04	6.2E-05	1.05E-03	6.53E-08	1.29E-03	8.43E-11	1.0E+06	8.4E-05
28	0.08048	8.92E-04	7.2E-05	1.05E-03	7.50E-08	1.29E-03	9.69E-11	1.0E+06	9.7E-05
29	0.10775	8.92E-04	9.6E-05	1.05E-03	1.00E-07	1.29E-03	1.30E-10	1.0E+06	1.3E-04
30	0.11157	8.92E-04	1.0E-04	1.05E-03	1.04E-07	1.29E-03	1.34E-10	1.0E+06	1.3E-04
31	0.11535	8.92E-04	1.0E-04	1.05E-03	1.08E-07	1.29E-03	1.39E-10	1.0E+06	1.4E-04

<b>Max</b>	<b>Receptor #</b>
0.00757	219



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
32	0.11941	8.92E-04	1.1E-04	1.05E-03	1.11E-07	1.29E-03	1.44E-10	1.0E+06	1.4E-04
33	0.12411	8.92E-04	1.1E-04	1.05E-03	1.16E-07	1.29E-03	1.49E-10	1.0E+06	1.5E-04
34	0.1299	8.92E-04	1.2E-04	1.05E-03	1.21E-07	1.29E-03	1.56E-10	1.0E+06	1.6E-04
35	0.13712	8.92E-04	1.2E-04	1.05E-03	1.28E-07	1.29E-03	1.65E-10	1.0E+06	1.7E-04
36	0.14606	8.92E-04	1.3E-04	1.05E-03	1.36E-07	1.29E-03	1.76E-10	1.0E+06	1.8E-04
37	0.15564	8.92E-04	1.4E-04	1.05E-03	1.45E-07	1.29E-03	1.87E-10	1.0E+06	1.9E-04
38	0.16629	8.92E-04	1.5E-04	1.05E-03	1.55E-07	1.29E-03	2.00E-10	1.0E+06	2.0E-04
39	0.1789	8.92E-04	1.6E-04	1.05E-03	1.67E-07	1.29E-03	2.15E-10	1.0E+06	2.2E-04
40	0.1921	8.92E-04	1.7E-04	1.05E-03	1.79E-07	1.29E-03	2.31E-10	1.0E+06	2.3E-04
41	0.20358	8.92E-04	1.8E-04	1.05E-03	1.90E-07	1.29E-03	2.45E-10	1.0E+06	2.5E-04
42	0.21299	8.92E-04	1.9E-04	1.05E-03	1.99E-07	1.29E-03	2.56E-10	1.0E+06	2.6E-04
43	0.22073	8.92E-04	2.0E-04	1.05E-03	2.06E-07	1.29E-03	2.66E-10	1.0E+06	2.7E-04
44	0.2251	8.92E-04	2.0E-04	1.05E-03	2.10E-07	1.29E-03	2.71E-10	1.0E+06	2.7E-04
45	0.226	8.92E-04	2.0E-04	1.05E-03	2.11E-07	1.29E-03	2.72E-10	1.0E+06	2.7E-04
46	0.22369	8.92E-04	2.0E-04	1.05E-03	2.09E-07	1.29E-03	2.69E-10	1.0E+06	2.7E-04
47	0.21857	8.92E-04	1.9E-04	1.05E-03	2.04E-07	1.29E-03	2.63E-10	1.0E+06	2.6E-04
48	0.21118	8.92E-04	1.9E-04	1.05E-03	1.97E-07	1.29E-03	2.54E-10	1.0E+06	2.5E-04
49	0.2021	8.92E-04	1.8E-04	1.05E-03	1.88E-07	1.29E-03	2.43E-10	1.0E+06	2.4E-04
50	0.19186	8.92E-04	1.7E-04	1.05E-03	1.79E-07	1.29E-03	2.31E-10	1.0E+06	2.3E-04
51	0.0734	8.92E-04	6.5E-05	1.05E-03	6.84E-08	1.29E-03	8.84E-11	1.0E+06	8.8E-05
52	0.07746	8.92E-04	6.9E-05	1.05E-03	7.22E-08	1.29E-03	9.33E-11	1.0E+06	9.3E-05
53	0.08908	8.92E-04	7.9E-05	1.05E-03	8.31E-08	1.29E-03	1.07E-10	1.0E+06	1.1E-04
54	0.12363	8.92E-04	1.1E-04	1.05E-03	1.15E-07	1.29E-03	1.49E-10	1.0E+06	1.5E-04
55	0.12858	8.92E-04	1.1E-04	1.05E-03	1.20E-07	1.29E-03	1.55E-10	1.0E+06	1.5E-04
56	0.13347	8.92E-04	1.2E-04	1.05E-03	1.24E-07	1.29E-03	1.61E-10	1.0E+06	1.6E-04
57	0.13872	8.92E-04	1.2E-04	1.05E-03	1.29E-07	1.29E-03	1.67E-10	1.0E+06	1.7E-04
58	0.14489	8.92E-04	1.3E-04	1.05E-03	1.35E-07	1.29E-03	1.74E-10	1.0E+06	1.7E-04
59	0.15258	8.92E-04	1.4E-04	1.05E-03	1.42E-07	1.29E-03	1.84E-10	1.0E+06	1.8E-04
60	0.16229	8.92E-04	1.4E-04	1.05E-03	1.51E-07	1.29E-03	1.95E-10	1.0E+06	2.0E-04
61	0.17437	8.92E-04	1.6E-04	1.05E-03	1.63E-07	1.29E-03	2.10E-10	1.0E+06	2.1E-04
62	0.18661	8.92E-04	1.7E-04	1.05E-03	1.74E-07	1.29E-03	2.25E-10	1.0E+06	2.2E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
63	0.20129	8.92E-04	1.8E-04	1.05E-03	1.88E-07	1.29E-03	2.42E-10	1.0E+06	2.4E-04
64	0.21791	8.92E-04	1.9E-04	1.05E-03	2.03E-07	1.29E-03	2.62E-10	1.0E+06	2.6E-04
65	0.23333	8.92E-04	2.1E-04	1.05E-03	2.18E-07	1.29E-03	2.81E-10	1.0E+06	2.8E-04
66	0.2449	8.92E-04	2.2E-04	1.05E-03	2.28E-07	1.29E-03	2.95E-10	1.0E+06	2.9E-04
67	0.25443	8.92E-04	2.3E-04	1.05E-03	2.37E-07	1.29E-03	3.06E-10	1.0E+06	3.1E-04
68	0.26021	8.92E-04	2.3E-04	1.05E-03	2.43E-07	1.29E-03	3.13E-10	1.0E+06	3.1E-04
69	0.26138	8.92E-04	2.3E-04	1.05E-03	2.44E-07	1.29E-03	3.15E-10	1.0E+06	3.1E-04
70	0.2582	8.92E-04	2.3E-04	1.05E-03	2.41E-07	1.29E-03	3.11E-10	1.0E+06	3.1E-04
71	0.25129	8.92E-04	2.2E-04	1.05E-03	2.34E-07	1.29E-03	3.03E-10	1.0E+06	3.0E-04
72	0.24147	8.92E-04	2.2E-04	1.05E-03	2.25E-07	1.29E-03	2.91E-10	1.0E+06	2.9E-04
73	0.22957	8.92E-04	2.0E-04	1.05E-03	2.14E-07	1.29E-03	2.76E-10	1.0E+06	2.8E-04
74	0.21636	8.92E-04	1.9E-04	1.05E-03	2.02E-07	1.29E-03	2.61E-10	1.0E+06	2.6E-04
75	0.20248	8.92E-04	1.8E-04	1.05E-03	1.89E-07	1.29E-03	2.44E-10	1.0E+06	2.4E-04
76	0.08167	8.92E-04	7.3E-05	1.05E-03	7.61E-08	1.29E-03	9.84E-11	1.0E+06	9.8E-05
77	0.08634	8.92E-04	7.7E-05	1.05E-03	8.05E-08	1.29E-03	1.04E-10	1.0E+06	1.0E-04
78	0.09926	8.92E-04	8.9E-05	1.05E-03	9.25E-08	1.29E-03	1.20E-10	1.0E+06	1.2E-04
79	0.14354	8.92E-04	1.3E-04	1.05E-03	1.34E-07	1.29E-03	1.73E-10	1.0E+06	1.7E-04
80	0.15009	8.92E-04	1.3E-04	1.05E-03	1.40E-07	1.29E-03	1.81E-10	1.0E+06	1.8E-04
81	0.15653	8.92E-04	1.4E-04	1.05E-03	1.46E-07	1.29E-03	1.89E-10	1.0E+06	1.9E-04
82	0.1635	8.92E-04	1.5E-04	1.05E-03	1.52E-07	1.29E-03	1.97E-10	1.0E+06	2.0E-04
83	0.1718	8.92E-04	1.5E-04	1.05E-03	1.60E-07	1.29E-03	2.07E-10	1.0E+06	2.1E-04
84	0.18227	8.92E-04	1.6E-04	1.05E-03	1.70E-07	1.29E-03	2.20E-10	1.0E+06	2.2E-04
85	0.19568	8.92E-04	1.7E-04	1.05E-03	1.82E-07	1.29E-03	2.36E-10	1.0E+06	2.4E-04
86	0.21017	8.92E-04	1.9E-04	1.05E-03	1.96E-07	1.29E-03	2.53E-10	1.0E+06	2.5E-04
87	0.22773	8.92E-04	2.0E-04	1.05E-03	2.12E-07	1.29E-03	2.74E-10	1.0E+06	2.7E-04
88	0.24859	8.92E-04	2.2E-04	1.05E-03	2.32E-07	1.29E-03	2.99E-10	1.0E+06	3.0E-04
89	0.26861	8.92E-04	2.4E-04	1.05E-03	2.50E-07	1.29E-03	3.23E-10	1.0E+06	3.2E-04
90	0.28642	8.92E-04	2.6E-04	1.05E-03	2.67E-07	1.29E-03	3.45E-10	1.0E+06	3.4E-04
91	0.29696	8.92E-04	2.6E-04	1.05E-03	2.77E-07	1.29E-03	3.58E-10	1.0E+06	3.6E-04
92	0.30464	8.92E-04	2.7E-04	1.05E-03	2.84E-07	1.29E-03	3.67E-10	1.0E+06	3.7E-04
93	0.3061	8.92E-04	2.7E-04	1.05E-03	2.85E-07	1.29E-03	3.69E-10	1.0E+06	3.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
94	0.30165	8.92E-04	2.7E-04	1.05E-03	2.81E-07	1.29E-03	3.63E-10	1.0E+06	3.6E-04
95	0.29221	8.92E-04	2.6E-04	1.05E-03	2.72E-07	1.29E-03	3.52E-10	1.0E+06	3.5E-04
96	0.27895	8.92E-04	2.5E-04	1.05E-03	2.60E-07	1.29E-03	3.36E-10	1.0E+06	3.4E-04
97	0.26312	8.92E-04	2.3E-04	1.05E-03	2.45E-07	1.29E-03	3.17E-10	1.0E+06	3.2E-04
98	0.24585	8.92E-04	2.2E-04	1.05E-03	2.29E-07	1.29E-03	2.96E-10	1.0E+06	3.0E-04
99	0.22803	8.92E-04	2.0E-04	1.05E-03	2.13E-07	1.29E-03	2.75E-10	1.0E+06	2.7E-04
100	0.21034	8.92E-04	1.9E-04	1.05E-03	1.96E-07	1.29E-03	2.53E-10	1.0E+06	2.5E-04
101	0.09148	8.92E-04	8.2E-05	1.05E-03	8.53E-08	1.29E-03	1.10E-10	1.0E+06	1.1E-04
102	0.09685	8.92E-04	8.6E-05	1.05E-03	9.03E-08	1.29E-03	1.17E-10	1.0E+06	1.2E-04
103	0.11139	8.92E-04	9.9E-05	1.05E-03	1.04E-07	1.29E-03	1.34E-10	1.0E+06	1.3E-04
104	0.16893	8.92E-04	1.5E-04	1.05E-03	1.58E-07	1.29E-03	2.03E-10	1.0E+06	2.0E-04
105	0.17781	8.92E-04	1.6E-04	1.05E-03	1.66E-07	1.29E-03	2.14E-10	1.0E+06	2.1E-04
106	0.18652	8.92E-04	1.7E-04	1.05E-03	1.74E-07	1.29E-03	2.25E-10	1.0E+06	2.2E-04
107	0.19599	8.92E-04	1.7E-04	1.05E-03	1.83E-07	1.29E-03	2.36E-10	1.0E+06	2.4E-04
108	0.20748	8.92E-04	1.9E-04	1.05E-03	1.93E-07	1.29E-03	2.50E-10	1.0E+06	2.5E-04
109	0.22224	8.92E-04	2.0E-04	1.05E-03	2.07E-07	1.29E-03	2.68E-10	1.0E+06	2.7E-04
110	0.24066	8.92E-04	2.1E-04	1.05E-03	2.24E-07	1.29E-03	2.90E-10	1.0E+06	2.9E-04
111	0.25991	8.92E-04	2.3E-04	1.05E-03	2.42E-07	1.29E-03	3.13E-10	1.0E+06	3.1E-04
112	0.28635	8.92E-04	2.6E-04	1.05E-03	2.67E-07	1.29E-03	3.45E-10	1.0E+06	3.4E-04
113	0.31306	8.92E-04	2.8E-04	1.05E-03	2.92E-07	1.29E-03	3.77E-10	1.0E+06	3.8E-04
114	0.33756	8.92E-04	3.0E-04	1.05E-03	3.15E-07	1.29E-03	4.07E-10	1.0E+06	4.1E-04
115	0.35448	8.92E-04	3.2E-04	1.05E-03	3.31E-07	1.29E-03	4.27E-10	1.0E+06	4.3E-04
116	0.36198	8.92E-04	3.2E-04	1.05E-03	3.38E-07	1.29E-03	4.36E-10	1.0E+06	4.4E-04
117	0.36392	8.92E-04	3.2E-04	1.05E-03	3.39E-07	1.29E-03	4.38E-10	1.0E+06	4.4E-04
118	0.3575	8.92E-04	3.2E-04	1.05E-03	3.33E-07	1.29E-03	4.31E-10	1.0E+06	4.3E-04
119	0.34423	8.92E-04	3.1E-04	1.05E-03	3.21E-07	1.29E-03	4.15E-10	1.0E+06	4.1E-04
120	0.32599	8.92E-04	2.9E-04	1.05E-03	3.04E-07	1.29E-03	3.93E-10	1.0E+06	3.9E-04
121	0.3046	8.92E-04	2.7E-04	1.05E-03	2.84E-07	1.29E-03	3.67E-10	1.0E+06	3.7E-04
122	0.28167	8.92E-04	2.5E-04	1.05E-03	2.63E-07	1.29E-03	3.39E-10	1.0E+06	3.4E-04
123	0.2585	8.92E-04	2.3E-04	1.05E-03	2.41E-07	1.29E-03	3.11E-10	1.0E+06	3.1E-04
124	0.23596	8.92E-04	2.1E-04	1.05E-03	2.20E-07	1.29E-03	2.84E-10	1.0E+06	2.8E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
125	0.10321	8.92E-04	9.2E-05	1.05E-03	9.62E-08	1.29E-03	1.24E-10	1.0E+06	1.2E-04
126	0.10985	8.92E-04	9.8E-05	1.05E-03	1.02E-07	1.29E-03	1.32E-10	1.0E+06	1.3E-04
127	0.12588	8.92E-04	1.1E-04	1.05E-03	1.17E-07	1.29E-03	1.52E-10	1.0E+06	1.5E-04
128	0.21438	8.92E-04	1.9E-04	1.05E-03	2.00E-07	1.29E-03	2.58E-10	1.0E+06	2.6E-04
129	0.2265	8.92E-04	2.0E-04	1.05E-03	2.11E-07	1.29E-03	2.73E-10	1.0E+06	2.7E-04
130	0.23976	8.92E-04	2.1E-04	1.05E-03	2.24E-07	1.29E-03	2.89E-10	1.0E+06	2.9E-04
131	0.25625	8.92E-04	2.3E-04	1.05E-03	2.39E-07	1.29E-03	3.09E-10	1.0E+06	3.1E-04
132	0.27783	8.92E-04	2.5E-04	1.05E-03	2.59E-07	1.29E-03	3.35E-10	1.0E+06	3.3E-04
133	0.30264	8.92E-04	2.7E-04	1.05E-03	2.82E-07	1.29E-03	3.64E-10	1.0E+06	3.6E-04
134	0.33274	8.92E-04	3.0E-04	1.05E-03	3.10E-07	1.29E-03	4.01E-10	1.0E+06	4.0E-04
135	0.36904	8.92E-04	3.3E-04	1.05E-03	3.44E-07	1.29E-03	4.44E-10	1.0E+06	4.4E-04
136	0.40301	8.92E-04	3.6E-04	1.05E-03	3.76E-07	1.29E-03	4.85E-10	1.0E+06	4.9E-04
137	0.42789	8.92E-04	3.8E-04	1.05E-03	3.99E-07	1.29E-03	5.15E-10	1.0E+06	5.2E-04
138	0.43941	8.92E-04	3.9E-04	1.05E-03	4.10E-07	1.29E-03	5.29E-10	1.0E+06	5.3E-04
139	0.44046	8.92E-04	3.9E-04	1.05E-03	4.11E-07	1.29E-03	5.30E-10	1.0E+06	5.3E-04
140	0.43096	8.92E-04	3.8E-04	1.05E-03	4.02E-07	1.29E-03	5.19E-10	1.0E+06	5.2E-04
141	0.41184	8.92E-04	3.7E-04	1.05E-03	3.84E-07	1.29E-03	4.96E-10	1.0E+06	5.0E-04
142	0.38607	8.92E-04	3.4E-04	1.05E-03	3.60E-07	1.29E-03	4.65E-10	1.0E+06	4.6E-04
143	0.35657	8.92E-04	3.2E-04	1.05E-03	3.32E-07	1.29E-03	4.29E-10	1.0E+06	4.3E-04
144	0.32566	8.92E-04	2.9E-04	1.05E-03	3.04E-07	1.29E-03	3.92E-10	1.0E+06	3.9E-04
145	0.29511	8.92E-04	2.6E-04	1.05E-03	2.75E-07	1.29E-03	3.55E-10	1.0E+06	3.6E-04
146	0.26609	8.92E-04	2.4E-04	1.05E-03	2.48E-07	1.29E-03	3.20E-10	1.0E+06	3.2E-04
147	0.11721	8.92E-04	1.0E-04	1.05E-03	1.09E-07	1.29E-03	1.41E-10	1.0E+06	1.4E-04
148	0.12544	8.92E-04	1.1E-04	1.05E-03	1.17E-07	1.29E-03	1.51E-10	1.0E+06	1.5E-04
149	0.14351	8.92E-04	1.3E-04	1.05E-03	1.34E-07	1.29E-03	1.73E-10	1.0E+06	1.7E-04
150	0.26401	8.92E-04	2.4E-04	1.05E-03	2.46E-07	1.29E-03	3.18E-10	1.0E+06	3.2E-04
151	0.28144	8.92E-04	2.5E-04	1.05E-03	2.62E-07	1.29E-03	3.39E-10	1.0E+06	3.4E-04
152	0.30074	8.92E-04	2.7E-04	1.05E-03	2.80E-07	1.29E-03	3.62E-10	1.0E+06	3.6E-04
153	0.32525	8.92E-04	2.9E-04	1.05E-03	3.03E-07	1.29E-03	3.92E-10	1.0E+06	3.9E-04
154	0.35816	8.92E-04	3.2E-04	1.05E-03	3.34E-07	1.29E-03	4.31E-10	1.0E+06	4.3E-04
155	0.39208	8.92E-04	3.5E-04	1.05E-03	3.66E-07	1.29E-03	4.72E-10	1.0E+06	4.7E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
156	0.44031	8.92E-04	3.9E-04	1.05E-03	4.11E-07	1.29E-03	5.30E-10	1.0E+06	5.3E-04
157	0.48861	8.92E-04	4.4E-04	1.05E-03	4.56E-07	1.29E-03	5.88E-10	1.0E+06	5.9E-04
158	0.52609	8.92E-04	4.7E-04	1.05E-03	4.91E-07	1.29E-03	6.34E-10	1.0E+06	6.3E-04
159	0.54535	8.92E-04	4.9E-04	1.05E-03	5.08E-07	1.29E-03	6.57E-10	1.0E+06	6.6E-04
160	0.54515	8.92E-04	4.9E-04	1.05E-03	5.08E-07	1.29E-03	6.57E-10	1.0E+06	6.6E-04
161	0.5302	8.92E-04	4.7E-04	1.05E-03	4.94E-07	1.29E-03	6.39E-10	1.0E+06	6.4E-04
162	0.50173	8.92E-04	4.5E-04	1.05E-03	4.68E-07	1.29E-03	6.04E-10	1.0E+06	6.0E-04
163	0.46432	8.92E-04	4.1E-04	1.05E-03	4.33E-07	1.29E-03	5.59E-10	1.0E+06	5.6E-04
164	0.42267	8.92E-04	3.8E-04	1.05E-03	3.94E-07	1.29E-03	5.09E-10	1.0E+06	5.1E-04
165	0.38024	8.92E-04	3.4E-04	1.05E-03	3.55E-07	1.29E-03	4.58E-10	1.0E+06	4.6E-04
166	0.33943	8.92E-04	3.0E-04	1.05E-03	3.16E-07	1.29E-03	4.09E-10	1.0E+06	4.1E-04
167	0.30166	8.92E-04	2.7E-04	1.05E-03	2.81E-07	1.29E-03	3.63E-10	1.0E+06	3.6E-04
168	0.2676	8.92E-04	2.4E-04	1.05E-03	2.50E-07	1.29E-03	3.22E-10	1.0E+06	3.2E-04
169	0.13379	8.92E-04	1.2E-04	1.05E-03	1.25E-07	1.29E-03	1.61E-10	1.0E+06	1.6E-04
170	0.14443	8.92E-04	1.3E-04	1.05E-03	1.35E-07	1.29E-03	1.74E-10	1.0E+06	1.7E-04
171	0.16463	8.92E-04	1.5E-04	1.05E-03	1.53E-07	1.29E-03	1.98E-10	1.0E+06	2.0E-04
172	0.18012	8.92E-04	1.6E-04	1.05E-03	1.68E-07	1.29E-03	2.17E-10	1.0E+06	2.2E-04
173	0.33359	8.92E-04	3.0E-04	1.05E-03	3.11E-07	1.29E-03	4.02E-10	1.0E+06	4.0E-04
174	0.35977	8.92E-04	3.2E-04	1.05E-03	3.35E-07	1.29E-03	4.33E-10	1.0E+06	4.3E-04
175	0.38894	8.92E-04	3.5E-04	1.05E-03	3.63E-07	1.29E-03	4.68E-10	1.0E+06	4.7E-04
176	0.42717	8.92E-04	3.8E-04	1.05E-03	3.98E-07	1.29E-03	5.14E-10	1.0E+06	5.1E-04
177	0.47655	8.92E-04	4.3E-04	1.05E-03	4.44E-07	1.29E-03	5.74E-10	1.0E+06	5.7E-04
178	0.53302	8.92E-04	4.8E-04	1.05E-03	4.97E-07	1.29E-03	6.42E-10	1.0E+06	6.4E-04
179	0.60344	8.92E-04	5.4E-04	1.05E-03	5.63E-07	1.29E-03	7.27E-10	1.0E+06	7.3E-04
180	0.6619	8.92E-04	5.9E-04	1.05E-03	6.17E-07	1.29E-03	7.97E-10	1.0E+06	8.0E-04
181	0.694	8.92E-04	6.2E-04	1.05E-03	6.47E-07	1.29E-03	8.36E-10	1.0E+06	8.4E-04
182	0.69388	8.92E-04	6.2E-04	1.05E-03	6.47E-07	1.29E-03	8.36E-10	1.0E+06	8.4E-04
183	0.39331	8.92E-04	3.5E-04	1.05E-03	3.67E-07	1.29E-03	4.74E-10	1.0E+06	4.7E-04
184	0.34371	8.92E-04	3.1E-04	1.05E-03	3.20E-07	1.29E-03	4.14E-10	1.0E+06	4.1E-04
185	0.16724	8.92E-04	1.5E-04	1.05E-03	1.56E-07	1.29E-03	2.01E-10	1.0E+06	2.0E-04
186	0.18793	8.92E-04	1.7E-04	1.05E-03	1.75E-07	1.29E-03	2.26E-10	1.0E+06	2.3E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
187	0.21111	8.92E-04	1.9E-04	1.05E-03	1.97E-07	1.29E-03	2.54E-10	1.0E+06	2.5E-04
188	0.43532	8.92E-04	3.9E-04	1.05E-03	4.06E-07	1.29E-03	5.24E-10	1.0E+06	5.2E-04
189	0.47684	8.92E-04	4.3E-04	1.05E-03	4.45E-07	1.29E-03	5.74E-10	1.0E+06	5.7E-04
190	0.5231	8.92E-04	4.7E-04	1.05E-03	4.88E-07	1.29E-03	6.30E-10	1.0E+06	6.3E-04
191	0.58589	8.92E-04	5.2E-04	1.05E-03	5.46E-07	1.29E-03	7.06E-10	1.0E+06	7.1E-04
192	0.66092	8.92E-04	5.9E-04	1.05E-03	6.16E-07	1.29E-03	7.96E-10	1.0E+06	8.0E-04
193	0.76167	8.92E-04	6.8E-04	1.05E-03	7.10E-07	1.29E-03	9.17E-10	1.0E+06	9.2E-04
194	0.85697	8.92E-04	7.6E-04	1.05E-03	7.99E-07	1.29E-03	1.03E-09	1.0E+06	1.0E-03
195	0.91242	8.92E-04	8.1E-04	1.05E-03	8.51E-07	1.29E-03	1.10E-09	1.0E+06	1.1E-03
196	0.91691	8.92E-04	8.2E-04	1.05E-03	8.55E-07	1.29E-03	1.10E-09	1.0E+06	1.1E-03
197	0.87375	8.92E-04	7.8E-04	1.05E-03	8.15E-07	1.29E-03	1.05E-09	1.0E+06	1.1E-03
198	0.21852	8.92E-04	1.9E-04	1.05E-03	2.04E-07	1.29E-03	2.63E-10	1.0E+06	2.6E-04
199	0.25008	8.92E-04	2.2E-04	1.05E-03	2.33E-07	1.29E-03	3.01E-10	1.0E+06	3.0E-04
200	0.25215	8.92E-04	2.2E-04	1.05E-03	2.35E-07	1.29E-03	3.04E-10	1.0E+06	3.0E-04
201	0.29634	8.92E-04	2.6E-04	1.05E-03	2.76E-07	1.29E-03	3.57E-10	1.0E+06	3.6E-04
202	0.34245	8.92E-04	3.1E-04	1.05E-03	3.19E-07	1.29E-03	4.12E-10	1.0E+06	4.1E-04
203	0.35024	8.92E-04	3.1E-04	1.05E-03	3.27E-07	1.29E-03	4.22E-10	1.0E+06	4.2E-04
204	0.42185	8.92E-04	3.8E-04	1.05E-03	3.93E-07	1.29E-03	5.08E-10	1.0E+06	5.1E-04
205	0.50721	8.92E-04	4.5E-04	1.05E-03	4.73E-07	1.29E-03	6.11E-10	1.0E+06	6.1E-04
206	0.51249	8.92E-04	4.6E-04	1.05E-03	4.78E-07	1.29E-03	6.17E-10	1.0E+06	6.2E-04
207	0.64598	8.92E-04	5.8E-04	1.05E-03	6.02E-07	1.29E-03	7.78E-10	1.0E+06	7.8E-04
208	0.82638	8.92E-04	7.4E-04	1.05E-03	7.71E-07	1.29E-03	9.95E-10	1.0E+06	1.0E-03
209	0.61695	8.92E-04	5.5E-04	1.05E-03	5.75E-07	1.29E-03	7.43E-10	1.0E+06	7.4E-04
210	0.8168	8.92E-04	7.3E-04	1.05E-03	7.62E-07	1.29E-03	9.84E-10	1.0E+06	9.8E-04
211	1.10732	8.92E-04	9.9E-04	1.05E-03	1.03E-06	1.29E-03	1.33E-09	1.0E+06	1.3E-03
212	1.01425	8.92E-04	9.0E-04	1.05E-03	9.46E-07	1.29E-03	1.22E-09	1.0E+06	1.2E-03
213	1.47871	8.92E-04	1.3E-03	1.05E-03	1.38E-06	1.29E-03	1.78E-09	1.0E+06	1.8E-03
214	2.26347	8.92E-04	2.0E-03	1.05E-03	2.11E-06	1.29E-03	2.73E-09	1.0E+06	2.7E-03
215	1.23597	8.92E-04	1.1E-03	1.05E-03	1.15E-06	1.29E-03	1.49E-09	1.0E+06	1.5E-03
216	1.87735	8.92E-04	1.7E-03	1.05E-03	1.75E-06	1.29E-03	2.26E-09	1.0E+06	2.3E-03
217	3.06177	8.92E-04	2.7E-03	1.05E-03	2.85E-06	1.29E-03	3.69E-09	1.0E+06	3.7E-03

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
218	3.54064	8.92E-04	3.2E-03	1.05E-03	3.30E-06	1.29E-03	4.26E-09	1.0E+06	4.3E-03
219	6.28837	8.92E-04	5.6E-03	1.05E-03	5.86E-06	1.29E-03	7.57E-09	1.0E+06	7.6E-03
220	3.2902	8.92E-04	2.9E-03	1.05E-03	3.07E-06	1.29E-03	3.96E-09	1.0E+06	4.0E-03
221	4.90884	8.92E-04	4.4E-03	1.05E-03	4.58E-06	1.29E-03	5.91E-09	1.0E+06	5.9E-03
222	2.5546	8.92E-04	2.3E-03	1.05E-03	2.38E-06	1.29E-03	3.08E-09	1.0E+06	3.1E-03
223	3.24794	8.92E-04	2.9E-03	1.05E-03	3.03E-06	1.29E-03	3.91E-09	1.0E+06	3.9E-03
224	3.76636	8.92E-04	3.4E-03	1.05E-03	3.51E-06	1.29E-03	4.54E-09	1.0E+06	4.5E-03
225	2.07607	8.92E-04	1.9E-03	1.05E-03	1.94E-06	1.29E-03	2.50E-09	1.0E+06	2.5E-03
226	2.15406	8.92E-04	1.9E-03	1.05E-03	2.01E-06	1.29E-03	2.59E-09	1.0E+06	2.6E-03
227	0.08895	8.92E-04	7.9E-05	1.05E-03	8.29E-08	1.29E-03	1.07E-10	1.0E+06	1.1E-04
228	0.08058	8.92E-04	7.2E-05	1.05E-03	7.51E-08	1.29E-03	9.70E-11	1.0E+06	9.7E-05
229	0.07339	8.92E-04	6.5E-05	1.05E-03	6.84E-08	1.29E-03	8.84E-11	1.0E+06	8.8E-05
230	0.06716	8.92E-04	6.0E-05	1.05E-03	6.26E-08	1.29E-03	8.09E-11	1.0E+06	8.1E-05
231	0.083	8.92E-04	7.4E-05	1.05E-03	7.74E-08	1.29E-03	1.00E-10	1.0E+06	1.0E-04
232	0.07558	8.92E-04	6.7E-05	1.05E-03	7.05E-08	1.29E-03	9.10E-11	1.0E+06	9.1E-05
233	0.06914	8.92E-04	6.2E-05	1.05E-03	6.45E-08	1.29E-03	8.33E-11	1.0E+06	8.3E-05
234	0.06351	8.92E-04	5.7E-05	1.05E-03	5.92E-08	1.29E-03	7.65E-11	1.0E+06	7.6E-05
235	0.07746	8.92E-04	6.9E-05	1.05E-03	7.22E-08	1.29E-03	9.33E-11	1.0E+06	9.3E-05
236	0.07097	8.92E-04	6.3E-05	1.05E-03	6.62E-08	1.29E-03	8.55E-11	1.0E+06	8.5E-05
237	0.06525	8.92E-04	5.8E-05	1.05E-03	6.08E-08	1.29E-03	7.86E-11	1.0E+06	7.9E-05
238	0.06019	8.92E-04	5.4E-05	1.05E-03	5.61E-08	1.29E-03	7.25E-11	1.0E+06	7.2E-05
239	0.39652	8.92E-04	3.5E-04	1.05E-03	3.70E-07	1.29E-03	4.78E-10	1.0E+06	4.8E-04
240	0.35655	8.92E-04	3.2E-04	1.05E-03	3.32E-07	1.29E-03	4.29E-10	1.0E+06	4.3E-04
241	0.32221	8.92E-04	2.9E-04	1.05E-03	3.00E-07	1.29E-03	3.88E-10	1.0E+06	3.9E-04
242	0.2925	8.92E-04	2.6E-04	1.05E-03	2.73E-07	1.29E-03	3.52E-10	1.0E+06	3.5E-04
243	0.36082	8.92E-04	3.2E-04	1.05E-03	3.36E-07	1.29E-03	4.35E-10	1.0E+06	4.3E-04
244	0.32667	8.92E-04	2.9E-04	1.05E-03	3.05E-07	1.29E-03	3.93E-10	1.0E+06	3.9E-04
245	0.29697	8.92E-04	2.6E-04	1.05E-03	2.77E-07	1.29E-03	3.58E-10	1.0E+06	3.6E-04
246	0.27099	8.92E-04	2.4E-04	1.05E-03	2.53E-07	1.29E-03	3.26E-10	1.0E+06	3.3E-04
247	0.32932	8.92E-04	2.9E-04	1.05E-03	3.07E-07	1.29E-03	3.97E-10	1.0E+06	4.0E-04
248	0.30004	8.92E-04	2.7E-04	1.05E-03	2.80E-07	1.29E-03	3.61E-10	1.0E+06	3.6E-04

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
249	0.27428	8.92E-04	2.4E-04	1.05E-03	2.56E-07	1.29E-03	3.30E-10	1.0E+06	3.3E-04
250	0.25146	8.92E-04	2.2E-04	1.05E-03	2.34E-07	1.29E-03	3.03E-10	1.0E+06	3.0E-04
251	0.16466	8.92E-04	1.5E-04	1.05E-03	1.54E-07	1.29E-03	1.98E-10	1.0E+06	2.0E-04
252	0.15435	8.92E-04	1.4E-04	1.05E-03	1.44E-07	1.29E-03	1.86E-10	1.0E+06	1.9E-04
253	0.1881	8.92E-04	1.7E-04	1.05E-03	1.75E-07	1.29E-03	2.27E-10	1.0E+06	2.3E-04
254	0.17584	8.92E-04	1.6E-04	1.05E-03	1.64E-07	1.29E-03	2.12E-10	1.0E+06	2.1E-04
255	0.15459	8.92E-04	1.4E-04	1.05E-03	1.44E-07	1.29E-03	1.86E-10	1.0E+06	1.9E-04
256	0.14532	8.92E-04	1.3E-04	1.05E-03	1.35E-07	1.29E-03	1.75E-10	1.0E+06	1.8E-04
257	0.12204	8.92E-04	1.1E-04	1.05E-03	1.14E-07	1.29E-03	1.47E-10	1.0E+06	1.5E-04
258	0.17534	8.92E-04	1.6E-04	1.05E-03	1.63E-07	1.29E-03	2.11E-10	1.0E+06	2.1E-04
259	0.16438	8.92E-04	1.5E-04	1.05E-03	1.53E-07	1.29E-03	1.98E-10	1.0E+06	2.0E-04
260	0.15435	8.92E-04	1.4E-04	1.05E-03	1.44E-07	1.29E-03	1.86E-10	1.0E+06	1.9E-04
261	0.14524	8.92E-04	1.3E-04	1.05E-03	1.35E-07	1.29E-03	1.75E-10	1.0E+06	1.7E-04
262	0.13691	8.92E-04	1.2E-04	1.05E-03	1.28E-07	1.29E-03	1.65E-10	1.0E+06	1.6E-04
263	0.11584	8.92E-04	1.0E-04	1.05E-03	1.08E-07	1.29E-03	1.40E-10	1.0E+06	1.4E-04
264	0.15387	8.92E-04	1.4E-04	1.05E-03	1.43E-07	1.29E-03	1.85E-10	1.0E+06	1.9E-04
265	0.14487	8.92E-04	1.3E-04	1.05E-03	1.35E-07	1.29E-03	1.74E-10	1.0E+06	1.7E-04
266	0.13663	8.92E-04	1.2E-04	1.05E-03	1.27E-07	1.29E-03	1.65E-10	1.0E+06	1.6E-04
267	0.12907	8.92E-04	1.2E-04	1.05E-03	1.20E-07	1.29E-03	1.55E-10	1.0E+06	1.6E-04
268	0.11	8.92E-04	9.8E-05	1.05E-03	1.03E-07	1.29E-03	1.32E-10	1.0E+06	1.3E-04
269	0.1711	8.92E-04	1.5E-04	1.05E-03	1.60E-07	1.29E-03	2.06E-10	1.0E+06	2.1E-04
270	0.15029	8.92E-04	1.3E-04	1.05E-03	1.40E-07	1.29E-03	1.81E-10	1.0E+06	1.8E-04
271	0.13318	8.92E-04	1.2E-04	1.05E-03	1.24E-07	1.29E-03	1.60E-10	1.0E+06	1.6E-04
272	0.11894	8.92E-04	1.1E-04	1.05E-03	1.11E-07	1.29E-03	1.43E-10	1.0E+06	1.4E-04
273	0.10697	8.92E-04	9.5E-05	1.05E-03	9.97E-08	1.29E-03	1.29E-10	1.0E+06	1.3E-04
274	0.09682	8.92E-04	8.6E-05	1.05E-03	9.03E-08	1.29E-03	1.17E-10	1.0E+06	1.2E-04
275	0.08815	8.92E-04	7.9E-05	1.05E-03	8.22E-08	1.29E-03	1.06E-10	1.0E+06	1.1E-04
276	0.15459	8.92E-04	1.4E-04	1.05E-03	1.44E-07	1.29E-03	1.86E-10	1.0E+06	1.9E-04
277	0.13651	8.92E-04	1.2E-04	1.05E-03	1.27E-07	1.29E-03	1.64E-10	1.0E+06	1.6E-04
278	0.12156	8.92E-04	1.1E-04	1.05E-03	1.13E-07	1.29E-03	1.46E-10	1.0E+06	1.5E-04
279	0.10904	8.92E-04	9.7E-05	1.05E-03	1.02E-07	1.29E-03	1.31E-10	1.0E+06	1.3E-04



**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
280	0.09848	8.92E-04	8.8E-05	1.05E-03	9.18E-08	1.29E-03	1.19E-10	1.0E+06	1.2E-04
281	0.08949	8.92E-04	8.0E-05	1.05E-03	8.34E-08	1.29E-03	1.08E-10	1.0E+06	1.1E-04
282	0.08176	8.92E-04	7.3E-05	1.05E-03	7.62E-08	1.29E-03	9.85E-11	1.0E+06	9.8E-05
283	0.13903	8.92E-04	1.2E-04	1.05E-03	1.30E-07	1.29E-03	1.67E-10	1.0E+06	1.7E-04
284	0.12349	8.92E-04	1.1E-04	1.05E-03	1.15E-07	1.29E-03	1.49E-10	1.0E+06	1.5E-04
285	0.11056	8.92E-04	9.9E-05	1.05E-03	1.03E-07	1.29E-03	1.33E-10	1.0E+06	1.3E-04
286	0.09966	8.92E-04	8.9E-05	1.05E-03	9.29E-08	1.29E-03	1.20E-10	1.0E+06	1.2E-04
287	0.0904	8.92E-04	8.1E-05	1.05E-03	8.43E-08	1.29E-03	1.09E-10	1.0E+06	1.1E-04
288	0.08247	8.92E-04	7.4E-05	1.05E-03	7.69E-08	1.29E-03	9.93E-11	1.0E+06	9.9E-05
289	0.07562	8.92E-04	6.7E-05	1.05E-03	7.05E-08	1.29E-03	9.11E-11	1.0E+06	9.1E-05
290	0.12464	8.92E-04	1.1E-04	1.05E-03	1.16E-07	1.29E-03	1.50E-10	1.0E+06	1.5E-04
291	0.11139	8.92E-04	9.9E-05	1.05E-03	1.04E-07	1.29E-03	1.34E-10	1.0E+06	1.3E-04
292	0.10026	8.92E-04	8.9E-05	1.05E-03	9.35E-08	1.29E-03	1.21E-10	1.0E+06	1.2E-04
293	0.09083	8.92E-04	8.1E-05	1.05E-03	8.47E-08	1.29E-03	1.09E-10	1.0E+06	1.1E-04
294	0.08276	8.92E-04	7.4E-05	1.05E-03	7.72E-08	1.29E-03	9.97E-11	1.0E+06	1.0E-04
295	0.0758	8.92E-04	6.8E-05	1.05E-03	7.07E-08	1.29E-03	9.13E-11	1.0E+06	9.1E-05
296	0.06976	8.92E-04	6.2E-05	1.05E-03	6.50E-08	1.29E-03	8.40E-11	1.0E+06	8.4E-05
297	0.11168	8.92E-04	1.0E-04	1.05E-03	1.04E-07	1.29E-03	1.34E-10	1.0E+06	1.3E-04
298	0.1004	8.92E-04	9.0E-05	1.05E-03	9.36E-08	1.29E-03	1.21E-10	1.0E+06	1.2E-04
299	0.09084	8.92E-04	8.1E-05	1.05E-03	8.47E-08	1.29E-03	1.09E-10	1.0E+06	1.1E-04
300	0.08268	8.92E-04	7.4E-05	1.05E-03	7.71E-08	1.29E-03	9.96E-11	1.0E+06	1.0E-04
301	0.07566	8.92E-04	6.7E-05	1.05E-03	7.05E-08	1.29E-03	9.11E-11	1.0E+06	9.1E-05
302	0.06958	8.92E-04	6.2E-05	1.05E-03	6.49E-08	1.29E-03	8.38E-11	1.0E+06	8.4E-05
303	0.06426	8.92E-04	5.7E-05	1.05E-03	5.99E-08	1.29E-03	7.74E-11	1.0E+06	7.7E-05
304	0.10039	8.92E-04	9.0E-05	1.05E-03	9.36E-08	1.29E-03	1.21E-10	1.0E+06	1.2E-04
305	0.09073	8.92E-04	8.1E-05	1.05E-03	8.46E-08	1.29E-03	1.09E-10	1.0E+06	1.1E-04
306	0.0825	8.92E-04	7.4E-05	1.05E-03	7.69E-08	1.29E-03	9.94E-11	1.0E+06	9.9E-05
307	0.07542	8.92E-04	6.7E-05	1.05E-03	7.03E-08	1.29E-03	9.08E-11	1.0E+06	9.1E-05
308	0.06929	8.92E-04	6.2E-05	1.05E-03	6.46E-08	1.29E-03	8.34E-11	1.0E+06	8.3E-05
309	0.06394	8.92E-04	5.7E-05	1.05E-03	5.96E-08	1.29E-03	7.70E-11	1.0E+06	7.7E-05
310	0.05926	8.92E-04	5.3E-05	1.05E-03	5.53E-08	1.29E-03	7.14E-11	1.0E+06	7.1E-05

**Manning Ave. Annexation 2020-01 Project**  
**Unmitigated - Parcel 9 - Architectural Coating Risk**

Receptor #	Conc	g/sec	Cair	Cancer Risk from Birth to 2 Years					
				Dose Constant	Dose	Risk Constant	Risk	Constant 2	Risk/ Million
311	0.09103	8.92E-04	8.1E-05	1.05E-03	8.49E-08	1.29E-03	1.10E-10	1.0E+06	1.1E-04
312	0.08261	8.92E-04	7.4E-05	1.05E-03	7.70E-08	1.29E-03	9.95E-11	1.0E+06	9.9E-05
313	0.07542	8.92E-04	6.7E-05	1.05E-03	7.03E-08	1.29E-03	9.08E-11	1.0E+06	9.1E-05
314	0.06919	8.92E-04	6.2E-05	1.05E-03	6.45E-08	1.29E-03	8.33E-11	1.0E+06	8.3E-05
315	0.06378	8.92E-04	5.7E-05	1.05E-03	5.95E-08	1.29E-03	7.68E-11	1.0E+06	7.7E-05
316	0.05905	8.92E-04	5.3E-05	1.05E-03	5.51E-08	1.29E-03	7.11E-11	1.0E+06	7.1E-05
317	0.05488	8.92E-04	4.9E-05	1.05E-03	5.12E-08	1.29E-03	6.61E-11	1.0E+06	6.6E-05

**Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Architectural Coating Risk**

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
1	5	1.08E-05
2	5	1.13E-05
3	5	1.30E-05
4	5	1.69E-05
5	5	1.75E-05
6	5	1.80E-05
7	5	1.86E-05
8	5	1.92E-05
9	5	2.00E-05
10	5	2.10E-05
11	5	2.22E-05
12	5	2.36E-05
13	5	2.50E-05
14	5	2.67E-05
15	5	2.86E-05
16	5	3.05E-05
17	5	3.20E-05
18	5	3.35E-05
19	5	3.45E-05
20	5	3.51E-05
21	5	3.52E-05
22	5	3.49E-05
23	5	3.43E-05
24	5	3.33E-05
25	5	3.20E-05
26	5	1.18E-05
27	5	1.25E-05
28	5	1.44E-05
29	5	1.92E-05
30	5	1.99E-05
31	5	2.06E-05

Max	Receptor #
0.00112	219

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
32	5	2.13E-05
33	5	2.21E-05
34	5	2.32E-05
35	5	2.45E-05
36	5	2.61E-05
37	5	2.78E-05
38	5	2.97E-05
39	5	3.19E-05
40	5	3.43E-05
41	5	3.63E-05
42	5	3.80E-05
43	5	3.94E-05
44	5	4.02E-05
45	5	4.03E-05
46	5	3.99E-05
47	5	3.90E-05
48	5	3.77E-05
49	5	3.61E-05
50	5	3.42E-05
51	5	1.31E-05
52	5	1.38E-05
53	5	1.59E-05
54	5	2.21E-05
55	5	2.29E-05
56	5	2.38E-05
57	5	2.47E-05
58	5	2.59E-05
59	5	2.72E-05
60	5	2.90E-05
61	5	3.11E-05
62	5	3.33E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
63	5	3.59E-05
64	5	3.89E-05
65	5	4.16E-05
66	5	4.37E-05
67	5	4.54E-05
68	5	4.64E-05
69	5	4.66E-05
70	5	4.61E-05
71	5	4.48E-05
72	5	4.31E-05
73	5	4.10E-05
74	5	3.86E-05
75	5	3.61E-05
76	5	1.46E-05
77	5	1.54E-05
78	5	1.77E-05
79	5	2.56E-05
80	5	2.68E-05
81	5	2.79E-05
82	5	2.92E-05
83	5	3.07E-05
84	5	3.25E-05
85	5	3.49E-05
86	5	3.75E-05
87	5	4.06E-05
88	5	4.44E-05
89	5	4.79E-05
90	5	5.11E-05
91	5	5.30E-05
92	5	5.44E-05
93	5	5.46E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
94	5	5.38E-05
95	5	5.21E-05
96	5	4.98E-05
97	5	4.69E-05
98	5	4.39E-05
99	5	4.07E-05
100	5	3.75E-05
101	5	1.63E-05
102	5	1.73E-05
103	5	1.99E-05
104	5	3.01E-05
105	5	3.17E-05
106	5	3.33E-05
107	5	3.50E-05
108	5	3.70E-05
109	5	3.97E-05
110	5	4.29E-05
111	5	4.64E-05
112	5	5.11E-05
113	5	5.59E-05
114	5	6.02E-05
115	5	6.32E-05
116	5	6.46E-05
117	5	6.49E-05
118	5	6.38E-05
119	5	6.14E-05
120	5	5.82E-05
121	5	5.43E-05
122	5	5.03E-05
123	5	4.61E-05
124	5	4.21E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
125	5	1.84E-05
126	5	1.96E-05
127	5	2.25E-05
128	5	3.82E-05
129	5	4.04E-05
130	5	4.28E-05
131	5	4.57E-05
132	5	4.96E-05
133	5	5.40E-05
134	5	5.94E-05
135	5	6.58E-05
136	5	7.19E-05
137	5	7.63E-05
138	5	7.84E-05
139	5	7.86E-05
140	5	7.69E-05
141	5	7.35E-05
142	5	6.89E-05
143	5	6.36E-05
144	5	5.81E-05
145	5	5.27E-05
146	5	4.75E-05
147	5	2.09E-05
148	5	2.24E-05
149	5	2.56E-05
150	5	4.71E-05
151	5	5.02E-05
152	5	5.37E-05
153	5	5.80E-05
154	5	6.39E-05
155	5	7.00E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
156	5	7.86E-05
157	5	8.72E-05
158	5	9.39E-05
159	5	9.73E-05
160	5	9.73E-05
161	5	9.46E-05
162	5	8.95E-05
163	5	8.28E-05
164	5	7.54E-05
165	5	6.78E-05
166	5	6.06E-05
167	5	5.38E-05
168	5	4.77E-05
169	5	2.39E-05
170	5	2.58E-05
171	5	2.94E-05
172	5	3.21E-05
173	5	5.95E-05
174	5	6.42E-05
175	5	6.94E-05
176	5	7.62E-05
177	5	8.50E-05
178	5	9.51E-05
179	5	1.08E-04
180	5	1.18E-04
181	5	1.24E-04
182	5	1.24E-04
183	5	7.02E-05
184	5	6.13E-05
185	5	2.98E-05
186	5	3.35E-05



Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
187	5	3.77E-05
188	5	7.77E-05
189	5	8.51E-05
190	5	9.33E-05
191	5	1.05E-04
192	5	1.18E-04
193	5	1.36E-04
194	5	1.53E-04
195	5	1.63E-04
196	5	1.64E-04
197	5	1.56E-04
198	5	3.90E-05
199	5	4.46E-05
200	5	4.50E-05
201	5	5.29E-05
202	5	6.11E-05
203	5	6.25E-05
204	5	7.53E-05
205	5	9.05E-05
206	5	9.14E-05
207	5	1.15E-04
208	5	1.47E-04
209	5	1.10E-04
210	5	1.46E-04
211	5	1.98E-04
212	5	1.81E-04
213	5	2.64E-04
214	5	4.04E-04
215	5	2.21E-04
216	5	3.35E-04
217	5	5.46E-04

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Architectural Coating Risk

<i>Chronic Non Cancer Risk</i>		
Receptor #	REL	HI
218	5	6.32E-04
219	5	1.12E-03
220	5	5.87E-04
221	5	8.76E-04
222	5	4.56E-04
223	5	5.79E-04
224	5	6.72E-04
225	5	3.70E-04
226	5	3.84E-04
227	5	1.59E-05
228	5	1.44E-05
229	5	1.31E-05
230	5	1.20E-05
231	5	1.48E-05
232	5	1.35E-05
233	5	1.23E-05
234	5	1.13E-05
235	5	1.38E-05
236	5	1.27E-05
237	5	1.16E-05
238	5	1.07E-05
239	5	7.07E-05
240	5	6.36E-05
241	5	5.75E-05
242	5	5.22E-05
243	5	6.44E-05
244	5	5.83E-05
245	5	5.30E-05
246	5	4.83E-05
247	5	5.88E-05
248	5	5.35E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
249	5	4.89E-05
250	5	4.49E-05
251	5	2.94E-05
252	5	2.75E-05
253	5	3.36E-05
254	5	3.14E-05
255	5	2.76E-05
256	5	2.59E-05
257	5	2.18E-05
258	5	3.13E-05
259	5	2.93E-05
260	5	2.75E-05
261	5	2.59E-05
262	5	2.44E-05
263	5	2.07E-05
264	5	2.75E-05
265	5	2.58E-05
266	5	2.44E-05
267	5	2.30E-05
268	5	1.96E-05
269	5	3.05E-05
270	5	2.68E-05
271	5	2.38E-05
272	5	2.12E-05
273	5	1.91E-05
274	5	1.73E-05
275	5	1.57E-05
276	5	2.76E-05
277	5	2.44E-05
278	5	2.17E-05
279	5	1.95E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
280	5	1.76E-05
281	5	1.60E-05
282	5	1.46E-05
283	5	2.48E-05
284	5	2.20E-05
285	5	1.97E-05
286	5	1.78E-05
287	5	1.61E-05
288	5	1.47E-05
289	5	1.35E-05
290	5	2.22E-05
291	5	1.99E-05
292	5	1.79E-05
293	5	1.62E-05
294	5	1.48E-05
295	5	1.35E-05
296	5	1.24E-05
297	5	1.99E-05
298	5	1.79E-05
299	5	1.62E-05
300	5	1.48E-05
301	5	1.35E-05
302	5	1.24E-05
303	5	1.15E-05
304	5	1.79E-05
305	5	1.62E-05
306	5	1.47E-05
307	5	1.35E-05
308	5	1.24E-05
309	5	1.14E-05
310	5	1.06E-05

Manning Ave. Annexation 2020-01 Project  
Unmitigated - Parcel 9 - Architectural Coating Risk

*Chronic Non Cancer Risk*

Receptor #	REL	HI
311	5	1.62E-05
312	5	1.47E-05
313	5	1.35E-05
314	5	1.23E-05
315	5	1.14E-05
316	5	1.05E-05
317	5	9.79E-06

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**11: AERMOD Output**

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**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.0
** Lakes Environmental Software Inc.
** Date: 4/26/2022
** File: C:\Lakes\Project Files\Reedly\Reedly.ADI
**
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**
**
** AERMOD Control Pathway
*****
**
**
CO STARTING
TITLEONE C:\Lakes\Project Files\Reedly\Reedly.isc
MODELOPT DEFAULT CONC
AVERTIME 1 PERIOD
POLLUTID SO2
RUNORNOT RUN
ERRORFIL Reedly.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P1A
** DESCRSRC Site Prep, Grading, Paving
** PREFIX
** Length of Side = 20.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 10
** 279473.462, 4053690.635, 100.83, 5.00, 18.60
** 279435.693, 4053616.053, 97.66, 5.00, 18.60
** 279485.414, 4053596.451, 102.58, 5.00, 18.60
** 279518.403, 4053671.512, 105.95, 5.00, 18.60
** 279476.809, 4053686.333, 100.88, 5.00, 18.60
** 279445.255, 4053620.356, 98.23, 5.00, 18.60
** 279475.853, 4053607.447, 100.93, 5.00, 18.60
** 279503.582, 4053668.165, 105.53, 5.00, 18.60
** 279483.024, 4053674.858, 101.64, 5.00, 18.60
** 279458.641, 4053620.834, 99.01, 5.00, 18.60
**
-----
LOCATION L0000148 VOLUME 279468.944 4053681.714 100.13
LOCATION L0000149 VOLUME 279450.873 4053646.029 98.41
LOCATION L0000150 VOLUME 279441.646 4053613.706 97.95
LOCATION L0000151 VOLUME 279478.859 4053599.036 101.64
LOCATION L0000152 VOLUME 279498.673 4053626.619 104.91
LOCATION L0000153 VOLUME 279514.767 4053663.238 106.09
LOCATION L0000154 VOLUME 279489.236 4053681.904 102.62
LOCATION L0000155 VOLUME 279465.243 4053662.149 99.68
LOCATION L0000156 VOLUME 279447.984 4053626.064 98.26
LOCATION L0000157 VOLUME 279476.045 4053607.869 101.26
LOCATION L0000158 VOLUME 279492.662 4053644.254 104.09
LOCATION L0000159 VOLUME 279490.543 4053672.410 103.12
LOCATION L0000160 VOLUME 279469.822 4053645.607 100.25
** End of LINE VOLUME Source ID = P1A
**
-----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P1B
** DESCRSRC BC and AC
** PREFIX
** Length of Side = 20.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 6
** 279471.072, 4053662.906, 100.49, 5.00, 18.60
** 279454.338, 4053627.527, 98.83, 5.00, 18.60
** 279479.677, 4053618.921, 101.46, 5.00, 18.60
** 279495.454, 4053655.257, 104.83, 5.00, 18.60
** 279479.199, 4053660.037, 101.12, 5.00, 18.60
** 279467.247, 4053630.874, 99.82, 5.00, 18.60
**
-----
LOCATION L0000161 VOLUME 279466.796 4053653.866 99.77
LOCATION L0000162 VOLUME 279464.625 4053624.034 99.67
LOCATION L0000163 VOLUME 279489.277 4053641.030 103.50
LOCATION L0000164 VOLUME 279476.337 4053653.055 101.02
** End of LINE VOLUME Source ID = P1B
**
-----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P2A
** DESCRSRC Site Prep, Grading, Paving
** PREFIX
** Length of Side = 20.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 6
** 279529.877, 4053671.034, 105.99, 5.00, 18.60
** 279505.972, 4053617.487, 105.48, 5.00, 18.60
** 279534.180, 4053606.013, 106.08, 5.00, 18.60

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** 279555.216, 4053658.603, 105.93, 5.00, 18.60
** 279540.873, 4053663.384, 105.94, 5.00, 18.60
** 279522.228, 4053619.399, 106.11, 5.00, 18.60
**
-----
LOCATION L0000165 VOLUME 279525.801 4053661.902 106.01
LOCATION L0000166 VOLUME 279509.495 4053625.377 105.90
LOCATION L0000167 VOLUME 279534.517 4053606.856 106.07
LOCATION L0000168 VOLUME 279549.373 4053643.995 105.96
LOCATION L0000169 VOLUME 279537.303 4053654.962 105.97
** End of LINE VOLUME Source ID = P2A
**
-----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = P2B
** DESCRSRC BC, AC
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 3
** 279542.308, 4053661.950, 105.93, 5.00, 4.65
** 279535.136, 4053645.695, 105.99, 5.00, 4.65
** 279529.877, 4053632.308, 106.02, 5.00, 4.65
**
-----
LOCATION L0000170 VOLUME 279540.289 4053657.375 105.96
LOCATION L0000171 VOLUME 279536.253 4053648.226 105.98
LOCATION L0000172 VOLUME 279532.491 4053638.962 106.00
** End of LINE VOLUME Source ID = P2B
**
-----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P3A
** DESCRSRC SP, Grading, Paving
** PREFIX
** Length of Side = 20.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 14
** 279562.388, 4053653.344, 105.91, 5.00, 18.60
** 279541.351, 4053605.535, 106.05, 5.00, 18.60
** 279538.483, 4053600.276, 106.07, 5.00, 18.60
** 279635.536, 4053561.072, 105.96, 5.00, 18.60
** 279659.441, 4053614.140, 105.87, 5.00, 18.60
** 279571.949, 4053647.129, 105.94, 5.00, 18.60
** 279551.391, 4053605.535, 106.02, 5.00, 18.60
** 279631.233, 4053574.937, 105.96, 5.00, 18.60
** 279645.098, 4053608.881, 105.89, 5.00, 18.60
** 279580.077, 4053634.698, 105.95, 5.00, 18.60
** 279568.603, 4053610.316, 105.97, 5.00, 18.60
** 279626.452, 4053589.280, 105.96, 5.00, 18.60
** 279633.146, 4053600.276, 105.92, 5.00, 18.60
** 279584.380, 4053620.834, 105.96, 5.00, 18.60
**
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LOCATION L0000173 VOLUME 279558.360 4053644.191 105.95
LOCATION L0000174 VOLUME 279542.251 4053607.578 106.04
LOCATION L0000175 VOLUME 279567.947 4053588.374 106.00
LOCATION L0000176 VOLUME 279605.035 4053573.393 105.96
LOCATION L0000177 VOLUME 279638.454 4053567.550 105.96
LOCATION L0000178 VOLUME 279654.882 4053604.021 105.88
LOCATION L0000179 VOLUME 279632.398 4053624.337 105.85
LOCATION L0000180 VOLUME 279594.970 4053638.449 105.87
LOCATION L0000181 VOLUME 279565.127 4053633.326 105.96
LOCATION L0000182 VOLUME 279559.795 4053602.314 105.99
LOCATION L0000183 VOLUME 279597.146 4053588.000 105.96
LOCATION L0000184 VOLUME 279632.555 4053578.173 105.96
LOCATION L0000185 VOLUME 279638.751 4053611.401 105.88
LOCATION L0000186 VOLUME 279601.574 4053626.163 105.94
LOCATION L0000187 VOLUME 279572.894 4053619.434 105.96
LOCATION L0000188 VOLUME 279596.724 4053600.090 105.96
LOCATION L0000189 VOLUME 279630.803 4053596.427 105.95
LOCATION L0000190 VOLUME 279600.439 4053614.064 105.96
** End of LINE VOLUME Source ID = P3A
**
-----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P3B
** DESCRSRC BC and AC
** PREFIX
** Length of Side = 20.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 7
** 279574.340, 4053620.834, 105.96, 5.00, 18.60
** 279566.212, 4053605.057, 105.99, 5.00, 18.60
** 279628.365, 4053579.718, 105.96, 5.00, 18.60
** 279635.058, 4053595.495, 105.93, 5.00, 18.60
** 279582.946, 4053617.965, 105.96, 5.00, 18.60
** 279581.033, 4053608.403, 105.96, 5.00, 18.60
** 279624.062, 4053592.148, 105.96, 5.00, 18.60
**
-----
LOCATION L0000191 VOLUME 279569.760 4053611.944 105.97
LOCATION L0000192 VOLUME 279596.078 4053592.881 105.96
LOCATION L0000193 VOLUME 279630.369 4053584.443 105.96
LOCATION L0000194 VOLUME 279609.351 4053606.580 105.96
LOCATION L0000195 VOLUME 279582.431 4053607.875 105.96
LOCATION L0000196 VOLUME 279619.849 4053593.739 105.96
** End of LINE VOLUME Source ID = P3B
**
-----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P4B
** DESCRSRC BC and AC
** PREFIX
** Length of Side = 10.00
** Configuration = Separated 2W

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** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 2
** 279695.298, 4053580.196, 105.85, 5.00, 9.30
** 279682.867, 4053550.554, 105.86, 5.00, 9.30
** -----
LOCATION L0000197    VOLUME    279693.364 4053575.585 105.84
LOCATION L0000198    VOLUME    279685.630 4053557.141 105.86
** End of LINE VOLUME Source ID = P4B
** -----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P4A
** DESCRSRC SP, Grading and Paving
** PREFIX
** Length of Side = 20.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 8
** 279668.524, 4053609.359, 105.88, 5.00, 18.60
** 279647.010, 4053555.813, 105.96, 5.00, 18.60
** 279687.170, 4053540.514, 105.87, 5.00, 18.60
** 279707.728, 4053591.670, 105.87, 5.00, 18.60
** 279677.130, 4053604.579, 105.88, 5.00, 18.60
** 279661.831, 4053562.984, 105.91, 5.00, 18.60
** 279679.999, 4053554.379, 105.87, 5.00, 18.60
** 279691.951, 4053586.411, 105.86, 5.00, 18.60
** -----
LOCATION L0000199    VOLUME    279664.796 4053600.080 105.87
LOCATION L0000200    VOLUME    279649.884 4053562.964 105.95
LOCATION L0000201    VOLUME    279677.188 4053544.317 105.90
LOCATION L0000202    VOLUME    279698.102 4053567.717 105.84
LOCATION L0000203    VOLUME    279694.658 4053597.184 105.89
LOCATION L0000204    VOLUME    279669.889 4053584.892 105.88
LOCATION L0000205    VOLUME    279676.885 4053555.854 105.88
** End of LINE VOLUME Source ID = P4A
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = P5B
** DESCRSRC BC and AC
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 2
** 279738.368, 4053561.530, 105.86, 5.00, 4.65
** 279720.010, 4053533.360, 105.77, 5.00, 4.65
** -----
LOCATION L0000206    VOLUME    279735.638 4053557.341 105.84
LOCATION L0000207    VOLUME    279730.178 4053548.963 105.80
LOCATION L0000208    VOLUME    279724.718 4053540.585 105.78
** End of LINE VOLUME Source ID = P5B
** -----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P5A
** DESCRSRC SP, Grading, Paving
** PREFIX
** Length of Side = 20.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 8
** 279715.856, 4053590.236, 105.87, 5.00, 18.60
** 279690.039, 4053532.864, 105.86, 5.00, 18.60
** 279729.242, 4053518.044, 105.72, 5.00, 18.60
** 279755.059, 4053575.893, 106.00, 5.00, 18.60
** 279723.027, 4053588.323, 105.88, 5.00, 18.60
** 279701.991, 4053534.299, 105.82, 5.00, 18.60
** 279720.159, 4053526.649, 105.76, 5.00, 18.60
** 279737.370, 4053572.546, 105.89, 5.00, 18.60
** -----
LOCATION L0000209    VOLUME    279711.752 4053581.117 105.85
LOCATION L0000210    VOLUME    279695.338 4053544.640 105.84
LOCATION L0000211    VOLUME    279715.376 4053523.286 105.77
LOCATION L0000212    VOLUME    279739.503 4053541.034 105.80
LOCATION L0000213    VOLUME    279753.356 4053576.554 106.02
LOCATION L0000214    VOLUME    279720.318 4053581.365 105.86
LOCATION L0000215    VOLUME    279705.804 4053544.091 105.81
LOCATION L0000216    VOLUME    279723.592 4053535.806 105.77
** End of LINE VOLUME Source ID = P5A
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = P6B
** DESCRSRC BC and AC
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 2
** 279759.362, 4053520.434, 105.76, 5.00, 4.65
** 279781.355, 4053497.485, 105.79, 5.00, 4.65
** -----
LOCATION L0000217    VOLUME    279762.822 4053516.824 105.76
LOCATION L0000218    VOLUME    279769.741 4053509.604 105.76
LOCATION L0000219    VOLUME    279776.660 4053502.384 105.77
** End of LINE VOLUME Source ID = P6B
** -----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P6A
** DESCRSRC SP, Grading, Paving

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** PREFIX
** Length of Side = 20.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 24
** 279769.402, 4053571.112, 106.31, 5.00, 18.60
** 279762.231, 4053552.944, 105.93, 5.00, 18.60
** 279751.713, 4053549.120, 105.83, 5.00, 18.60
** 279734.023, 4053513.263, 105.69, 5.00, 18.60
** 279759.840, 4053495.095, 105.65, 5.00, 18.60
** 279810.040, 4053475.493, 106.68, 5.00, 18.60
** 279820.080, 4053493.661, 107.02, 5.00, 18.60
** 279822.949, 4053528.084, 107.18, 5.00, 18.60
** 279814.343, 4053546.251, 107.26, 5.00, 18.60
** 279775.618, 4053562.028, 106.55, 5.00, 18.60
** 279765.099, 4053546.251, 105.88, 5.00, 18.60
** 279752.669, 4053534.299, 105.79, 5.00, 18.60
** 279745.976, 4053515.175, 105.68, 5.00, 18.60
** 279804.781, 4053486.967, 106.22, 5.00, 18.60
** 279812.431, 4053503.701, 106.76, 5.00, 18.60
** 279813.387, 4053526.171, 106.97, 5.00, 18.60
** 279804.307, 4053540.992, 107.04, 5.00, 18.60
** 279773.227, 4053552.466, 106.20, 5.00, 18.60
** 279757.450, 4053519.478, 105.72, 5.00, 18.60
** 279796.176, 4053502.745, 105.91, 5.00, 18.60
** 279804.303, 4053521.390, 106.63, 5.00, 18.60
** 279781.355, 4053542.426, 106.18, 5.00, 18.60
** 279771.315, 4053526.649, 105.84, 5.00, 18.60
** 279790.917, 4053518.044, 105.95, 5.00, 18.60
-----
LOCATION L0000220 VOLUME 279765.731 4053561.810 106.05
LOCATION L0000221 VOLUME 279743.185 4053531.833 105.76
LOCATION L0000222 VOLUME 279749.802 4053502.159 105.66
LOCATION L0000223 VOLUME 279785.666 4053485.011 105.80
LOCATION L0000224 VOLUME 279816.731 4053487.601 106.91
LOCATION L0000225 VOLUME 279822.827 4053526.623 107.20
LOCATION L0000226 VOLUME 279797.274 4053553.205 107.18
LOCATION L0000227 VOLUME 279766.401 4053548.203 105.91
LOCATION L0000228 VOLUME 279746.109 4053515.111 105.70
LOCATION L0000229 VOLUME 279782.174 4053497.811 105.80
LOCATION L0000230 VOLUME 279810.987 4053500.543 106.55
LOCATION L0000231 VOLUME 279806.052 4053538.139 107.04
LOCATION L0000232 VOLUME 279771.705 4053549.284 106.00
LOCATION L0000233 VOLUME 279763.839 4053516.717 105.77
LOCATION L0000234 VOLUME 279798.083 4053507.121 106.03
LOCATION L0000235 VOLUME 279786.292 4053537.901 106.21
LOCATION L0000236 VOLUME 279784.685 4053520.779 105.89
** End of LINE VOLUME Source ID = P6A
-----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P7B
** DESCRSRC BC & AC
** PREFIX
** Length of Side = 20.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 4
** 279603.504, 4053521.868, 105.98, 5.00, 18.60
** 279644.142, 4053504.657, 105.96, 5.00, 18.60
** 279639.839, 4053493.661, 105.96, 5.00, 18.60
** 279598.723, 4053512.306, 105.99, 5.00, 18.60
-----
LOCATION L0000237 VOLUME 279612.712 4053517.968 105.97
LOCATION L0000238 VOLUME 279642.004 4053499.193 105.96
LOCATION L0000239 VOLUME 279608.820 4053507.727 105.98
** End of LINE VOLUME Source ID = P7B
-----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P7A
** DESCRSRC SP, Grading, Paving
** PREFIX
** Length of Side = 20.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 10
** 279617.846, 4053561.550, 105.96, 5.00, 18.60
** 279592.508, 4053508.482, 106.00, 5.00, 18.60
** 279647.488, 4053486.489, 105.97, 5.00, 18.60
** 279668.524, 4053538.602, 105.95, 5.00, 18.60
** 279628.365, 4053555.813, 105.96, 5.00, 18.60
** 279606.372, 4053513.263, 105.98, 5.00, 18.60
** 279638.405, 4053500.832, 105.96, 5.00, 18.60
** 279653.225, 4053532.386, 105.96, 5.00, 18.60
** 279634.580, 4053540.514, 105.96, 5.00, 18.60
** 279625.974, 4053516.131, 105.96, 5.00, 18.60
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LOCATION L0000240 VOLUME 279613.538 4053552.526 105.96
LOCATION L0000241 VOLUME 279596.302 4053516.430 105.99
LOCATION L0000242 VOLUME 279621.469 4053496.897 105.97
LOCATION L0000243 VOLUME 279651.971 4053497.595 105.96
LOCATION L0000244 VOLUME 279666.944 4053534.687 105.95
LOCATION L0000245 VOLUME 279635.639 4053552.695 105.96
LOCATION L0000246 VOLUME 279613.632 4053527.309 105.96
LOCATION L0000247 VOLUME 279628.922 4053504.512 105.96
LOCATION L0000248 VOLUME 279651.086 4053527.831 105.96
LOCATION L0000249 VOLUME 279629.712 4053526.721 105.96
** End of LINE VOLUME Source ID = P7A
-----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P8B
** DESCRSRC BC and AC

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** PREFIX
** Length of Side = 20.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 4
** 279538.961, 4053549.598, 106.09, 5.00, 18.60
** 279578.165, 4053533.343, 106.01, 5.00, 18.60
** 279572.428, 4053521.868, 106.01, 5.00, 18.60
** 279532.268, 4053538.602, 106.07, 5.00, 18.60
**
-----
LOCATION L0000250 VOLUME 279548.198 4053545.768 106.06
LOCATION L0000251 VOLUME 279574.784 4053526.581 106.01
LOCATION L0000252 VOLUME 279540.368 4053535.226 106.04
** End of LINE VOLUME Source ID = P8B
**
-----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P8A
** DESCRSRC SP, Grading, Paving
** PREFIX
** Length of Side = 20.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 12
** 279501.192, 4053610.316, 105.11, 5.00, 18.60
** 279480.155, 4053559.160, 101.18, 5.00, 18.60
** 279577.687, 4053517.565, 106.02, 5.00, 18.60
** 279581.511, 4053515.653, 106.01, 5.00, 18.60
** 279603.026, 4053566.809, 105.96, 5.00, 18.60
** 279511.232, 4053604.579, 106.01, 5.00, 18.60
** 279498.323, 4053565.853, 103.93, 5.00, 18.60
** 279571.949, 4053531.430, 106.01, 5.00, 18.60
** 279586.292, 4053562.506, 105.98, 5.00, 18.60
** 279520.793, 4053589.758, 106.15, 5.00, 18.60
** 279511.710, 4053573.502, 106.05, 5.00, 18.60
** 279564.778, 4053555.335, 106.03, 5.00, 18.60
**
-----
LOCATION L0000253 VOLUME 279497.388 4053601.067 104.54
LOCATION L0000254 VOLUME 279482.176 4053564.073 101.54
LOCATION L0000255 VOLUME 279512.063 4053545.552 105.97
LOCATION L0000256 VOLUME 279548.856 4053529.861 106.03
LOCATION L0000257 VOLUME 279583.210 4053519.692 106.01
LOCATION L0000258 VOLUME 279598.717 4053556.564 105.97
LOCATION L0000259 VOLUME 279576.313 4053577.800 105.99
LOCATION L0000260 VOLUME 279539.322 4053593.020 106.07
LOCATION L0000261 VOLUME 279508.188 4053595.448 105.85
LOCATION L0000262 VOLUME 279506.298 4053562.124 105.41
LOCATION L0000263 VOLUME 279542.534 4053545.183 106.07
LOCATION L0000264 VOLUME 279575.104 4053538.265 106.01
LOCATION L0000265 VOLUME 279574.011 4053567.616 106.00
LOCATION L0000266 VOLUME 279537.080 4053582.981 106.10
LOCATION L0000267 VOLUME 279515.247 4053572.291 106.16
LOCATION L0000268 VOLUME 279553.091 4053559.336 106.06
** End of LINE VOLUME Source ID = P8A
**
-----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P9B
** DESCRSRC BC & AC
** PREFIX
** Length of Side = 20.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 6
** 279418.959, 4053594.060, 96.94, 5.00, 18.60
** 279392.186, 4053530.474, 95.66, 5.00, 18.60
** 279418.481, 4053520.434, 97.21, 5.00, 18.60
** 279445.255, 4053583.542, 98.24, 5.00, 18.60
** 279430.434, 4053588.801, 97.67, 5.00, 18.60
** 279407.485, 4053533.343, 96.58, 5.00, 18.60
**
-----
LOCATION L0000269 VOLUME 279415.079 4053584.844 96.62
LOCATION L0000270 VOLUME 279399.557 4053547.979 95.75
LOCATION L0000271 VOLUME 279411.811 4053522.981 96.96
LOCATION L0000272 VOLUME 279431.315 4053550.684 97.72
LOCATION L0000273 VOLUME 279441.195 4053584.983 98.00
LOCATION L0000274 VOLUME 279419.506 4053562.392 97.14
** End of LINE VOLUME Source ID = P9B
**
-----
** Line Source Represented by Separated Volume Sources (2W)
** LINE VOLUME Source ID = P9A
** DESCRSRC Site Prep, Grading, Paving
** PREFIX
** Length of Side = 20.00
** Configuration = Separated 2W
** Emission Rate = 1.0
** Vertical Dimension = 7.32
** SZINIT = 3.40
** Nodes = 15
** 279413.700, 4053618.921, 96.30, 5.00, 18.60
** 279390.752, 4053562.028, 94.07, 5.00, 18.60
** 279383.580, 4053562.506, 93.41, 5.00, 18.60
** 279367.803, 4053528.084, 92.70, 5.00, 18.60
** 279427.087, 4053500.354, 97.81, 5.00, 18.60
** 279434.258, 4053501.788, 98.14, 5.00, 18.60
** 279474.896, 4053589.280, 100.94, 5.00, 18.60
** 279419.916, 4053610.794, 96.78, 5.00, 18.60
** 279395.055, 4053556.291, 95.06, 5.00, 18.60
** 279385.971, 4053552.466, 93.70, 5.00, 18.60
** 279378.321, 4053532.864, 92.79, 5.00, 18.60
** 279424.697, 4053513.741, 97.60, 5.00, 18.60
** 279460.554, 4053585.455, 99.31, 5.00, 18.60
** 279433.302, 4053599.798, 97.69, 5.00, 18.60

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** 279406.051, 4053529.996, 96.52, 5.00, 18.60
** -----
LOCATION L0000275 VOLUME 279409.960 4053609.647 95.64
LOCATION L0000276 VOLUME 279394.997 4053572.551 94.19
LOCATION L0000277 VOLUME 279374.637 4053542.993 92.06
LOCATION L0000278 VOLUME 279389.180 4053518.085 95.69
LOCATION L0000279 VOLUME 279425.412 4053501.137 97.70
LOCATION L0000280 VOLUME 279447.249 4053529.756 98.49
LOCATION L0000281 VOLUME 279464.099 4053566.034 99.41
LOCATION L0000282 VOLUME 279461.515 4053594.516 99.39
LOCATION L0000283 VOLUME 279424.265 4053609.092 97.26
LOCATION L0000284 VOLUME 279405.254 4053578.651 95.46
LOCATION L0000285 VOLUME 279383.947 4053547.279 93.20
LOCATION L0000286 VOLUME 279400.995 4053523.514 96.40
LOCATION L0000287 VOLUME 279431.120 4053526.587 97.84
LOCATION L0000288 VOLUME 279449.008 4053562.364 98.49
LOCATION L0000289 VOLUME 279448.002 4053592.061 98.29
LOCATION L0000290 VOLUME 279424.796 4053578.010 97.37
LOCATION L0000291 VOLUME 279410.249 4053540.749 96.73
** End of LINE VOLUME Source ID = P9A
** Source Parameters **
** LINE VOLUME Source ID = P1A
SRCPARAM L0000148 0.0769230769 5.00 18.60 3.40
SRCPARAM L0000149 0.0769230769 5.00 18.60 3.40
SRCPARAM L0000150 0.0769230769 5.00 18.60 3.40
SRCPARAM L0000151 0.0769230769 5.00 18.60 3.40
SRCPARAM L0000152 0.0769230769 5.00 18.60 3.40
SRCPARAM L0000153 0.0769230769 5.00 18.60 3.40
SRCPARAM L0000154 0.0769230769 5.00 18.60 3.40
SRCPARAM L0000155 0.0769230769 5.00 18.60 3.40
SRCPARAM L0000156 0.0769230769 5.00 18.60 3.40
SRCPARAM L0000157 0.0769230769 5.00 18.60 3.40
SRCPARAM L0000158 0.0769230769 5.00 18.60 3.40
SRCPARAM L0000159 0.0769230769 5.00 18.60 3.40
SRCPARAM L0000160 0.0769230769 5.00 18.60 3.40
** -----
** LINE VOLUME Source ID = P1B
SRCPARAM L0000161 0.25 5.00 18.60 3.40
SRCPARAM L0000162 0.25 5.00 18.60 3.40
SRCPARAM L0000163 0.25 5.00 18.60 3.40
SRCPARAM L0000164 0.25 5.00 18.60 3.40
** -----
** LINE VOLUME Source ID = P2A
SRCPARAM L0000165 0.2 5.00 18.60 3.40
SRCPARAM L0000166 0.2 5.00 18.60 3.40
SRCPARAM L0000167 0.2 5.00 18.60 3.40
SRCPARAM L0000168 0.2 5.00 18.60 3.40
SRCPARAM L0000169 0.2 5.00 18.60 3.40
** -----
** LINE VOLUME Source ID = P2B
SRCPARAM L0000170 0.3333333333 5.00 4.65 3.40
SRCPARAM L0000171 0.3333333333 5.00 4.65 3.40
SRCPARAM L0000172 0.3333333333 5.00 4.65 3.40
** -----
** LINE VOLUME Source ID = P3A
SRCPARAM L0000173 0.0555555556 5.00 18.60 3.40
SRCPARAM L0000174 0.0555555556 5.00 18.60 3.40
SRCPARAM L0000175 0.0555555556 5.00 18.60 3.40
SRCPARAM L0000176 0.0555555556 5.00 18.60 3.40
SRCPARAM L0000177 0.0555555556 5.00 18.60 3.40
SRCPARAM L0000178 0.0555555556 5.00 18.60 3.40
SRCPARAM L0000179 0.0555555556 5.00 18.60 3.40
SRCPARAM L0000180 0.0555555556 5.00 18.60 3.40
SRCPARAM L0000181 0.0555555556 5.00 18.60 3.40
SRCPARAM L0000182 0.0555555556 5.00 18.60 3.40
SRCPARAM L0000183 0.0555555556 5.00 18.60 3.40
SRCPARAM L0000184 0.0555555556 5.00 18.60 3.40
SRCPARAM L0000185 0.0555555556 5.00 18.60 3.40
SRCPARAM L0000186 0.0555555556 5.00 18.60 3.40
SRCPARAM L0000187 0.0555555556 5.00 18.60 3.40
SRCPARAM L0000188 0.0555555556 5.00 18.60 3.40
SRCPARAM L0000189 0.0555555556 5.00 18.60 3.40
SRCPARAM L0000190 0.0555555556 5.00 18.60 3.40
** -----
** LINE VOLUME Source ID = P3B
SRCPARAM L0000191 0.1666666667 5.00 18.60 3.40
SRCPARAM L0000192 0.1666666667 5.00 18.60 3.40
SRCPARAM L0000193 0.1666666667 5.00 18.60 3.40
SRCPARAM L0000194 0.1666666667 5.00 18.60 3.40
SRCPARAM L0000195 0.1666666667 5.00 18.60 3.40
SRCPARAM L0000196 0.1666666667 5.00 18.60 3.40
** -----
** LINE VOLUME Source ID = P4B
SRCPARAM L0000197 0.5 5.00 9.30 3.40
SRCPARAM L0000198 0.5 5.00 9.30 3.40
** -----
** LINE VOLUME Source ID = P4A
SRCPARAM L0000199 0.1428571429 5.00 18.60 3.40
SRCPARAM L0000200 0.1428571429 5.00 18.60 3.40
SRCPARAM L0000201 0.1428571429 5.00 18.60 3.40
SRCPARAM L0000202 0.1428571429 5.00 18.60 3.40
SRCPARAM L0000203 0.1428571429 5.00 18.60 3.40
SRCPARAM L0000204 0.1428571429 5.00 18.60 3.40
SRCPARAM L0000205 0.1428571429 5.00 18.60 3.40
** -----
** LINE VOLUME Source ID = P5B
SRCPARAM L0000206 0.3333333333 5.00 4.65 3.40
SRCPARAM L0000207 0.3333333333 5.00 4.65 3.40
SRCPARAM L0000208 0.3333333333 5.00 4.65 3.40
** -----
** LINE VOLUME Source ID = P5A
SRCPARAM L0000209 0.125 5.00 18.60 3.40
SRCPARAM L0000210 0.125 5.00 18.60 3.40
SRCPARAM L0000211 0.125 5.00 18.60 3.40
SRCPARAM L0000212 0.125 5.00 18.60 3.40
SRCPARAM L0000213 0.125 5.00 18.60 3.40
SRCPARAM L0000214 0.125 5.00 18.60 3.40

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SRCPARAM	L0000215	0.125	5.00	18.60	3.40
SRCPARAM	L0000216	0.125	5.00	18.60	3.40
-----					
**	LINE VOLUME Source ID = P6B				
SRCPARAM	L0000217	0.3333333333	5.00	4.65	3.40
SRCPARAM	L0000218	0.3333333333	5.00	4.65	3.40
SRCPARAM	L0000219	0.3333333333	5.00	4.65	3.40
-----					
**	LINE VOLUME Source ID = P6A				
SRCPARAM	L0000220	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000221	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000222	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000223	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000224	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000225	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000226	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000227	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000228	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000229	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000230	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000231	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000232	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000233	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000234	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000235	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000236	0.0588235294	5.00	18.60	3.40
-----					
**	LINE VOLUME Source ID = PTB				
SRCPARAM	L0000237	0.3333333333	5.00	18.60	3.40
SRCPARAM	L0000238	0.3333333333	5.00	18.60	3.40
SRCPARAM	L0000239	0.3333333333	5.00	18.60	3.40
-----					
**	LINE VOLUME Source ID = P7A				
SRCPARAM	L0000240	0.1	5.00	18.60	3.40
SRCPARAM	L0000241	0.1	5.00	18.60	3.40
SRCPARAM	L0000242	0.1	5.00	18.60	3.40
SRCPARAM	L0000243	0.1	5.00	18.60	3.40
SRCPARAM	L0000244	0.1	5.00	18.60	3.40
SRCPARAM	L0000245	0.1	5.00	18.60	3.40
SRCPARAM	L0000246	0.1	5.00	18.60	3.40
SRCPARAM	L0000247	0.1	5.00	18.60	3.40
SRCPARAM	L0000248	0.1	5.00	18.60	3.40
SRCPARAM	L0000249	0.1	5.00	18.60	3.40
-----					
**	LINE VOLUME Source ID = P8B				
SRCPARAM	L0000250	0.3333333333	5.00	18.60	3.40
SRCPARAM	L0000251	0.3333333333	5.00	18.60	3.40
SRCPARAM	L0000252	0.3333333333	5.00	18.60	3.40
-----					
**	LINE VOLUME Source ID = P8A				
SRCPARAM	L0000253	0.0625	5.00	18.60	3.40
SRCPARAM	L0000254	0.0625	5.00	18.60	3.40
SRCPARAM	L0000255	0.0625	5.00	18.60	3.40
SRCPARAM	L0000256	0.0625	5.00	18.60	3.40
SRCPARAM	L0000257	0.0625	5.00	18.60	3.40
SRCPARAM	L0000258	0.0625	5.00	18.60	3.40
SRCPARAM	L0000259	0.0625	5.00	18.60	3.40
SRCPARAM	L0000260	0.0625	5.00	18.60	3.40
SRCPARAM	L0000261	0.0625	5.00	18.60	3.40
SRCPARAM	L0000262	0.0625	5.00	18.60	3.40
SRCPARAM	L0000263	0.0625	5.00	18.60	3.40
SRCPARAM	L0000264	0.0625	5.00	18.60	3.40
SRCPARAM	L0000265	0.0625	5.00	18.60	3.40
SRCPARAM	L0000266	0.0625	5.00	18.60	3.40
SRCPARAM	L0000267	0.0625	5.00	18.60	3.40
SRCPARAM	L0000268	0.0625	5.00	18.60	3.40
-----					
**	LINE VOLUME Source ID = P9B				
SRCPARAM	L0000269	0.1666666667	5.00	18.60	3.40
SRCPARAM	L0000270	0.1666666667	5.00	18.60	3.40
SRCPARAM	L0000271	0.1666666667	5.00	18.60	3.40
SRCPARAM	L0000272	0.1666666667	5.00	18.60	3.40
SRCPARAM	L0000273	0.1666666667	5.00	18.60	3.40
SRCPARAM	L0000274	0.1666666667	5.00	18.60	3.40
-----					
**	LINE VOLUME Source ID = P9A				
SRCPARAM	L0000275	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000276	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000277	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000278	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000279	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000280	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000281	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000282	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000283	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000284	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000285	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000286	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000287	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000288	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000289	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000290	0.0588235294	5.00	18.60	3.40
SRCPARAM	L0000291	0.0588235294	5.00	18.60	3.40
-----					
SRCGROUP	ALL				
SO	FINISHED				
**					
*****					
**	AERMOD Receptor Pathway				
*****					
**					
**					
RE	STARTING				
	INCLUDED Reedyly.rou				
RE	FINISHED				
**					
*****					

```

** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE "Met Data\Fresno_2013-2017.SFC"
PROFFILE "Met Data\Fresno_2013-2017.PFL"
SURFDATA 93193 2013 FRESNO/AIR_TERMINAL
UAIRDATA 23230 2013 OAKLAND/WSO_AP
PROFBASE 101.5 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST Reedy.AD\01HIGALL.PLT 31
PLOTFILE PERIOD ALL Reedy.AD\PE00GALL.PLT 32
SUMMFILE Reedy.sum
OU FINISHED

*** Message Summary For AERMOD Model Setup ***
----- Summary of Total Messages -----
A Total of          0 Fatal Error Message(s)
A Total of          3 Warning Message(s)
A Total of          0 Informational Message(s)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
CO W361      25      COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2 require MULTYEAR Opt
ME W186      760     MEOPEN: THRESH_LMIN 1-min ASOS wind speed threshold used          0.50
ME W187      760     MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*****
*** SETUP Finishes Successfully ***
*****

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*** AERMOD - VERSION 21112 *** *** C:\Lakes\Project Files\Reedly\Reedly.isc *** 04/26/22
*** AERMET - VERSION 18081 *** *** *** 18:22:58
*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U* ***
-----
*** MODEL SETUP OPTIONS SUMMARY ***
-----
**Model Is Setup For Calculation of Average CONCentration Values.
-- DEPOSITION LOGIC --
**NO GAS DEPOSITION Data Provided.
**NO PARTICLE DEPOSITION Data Provided.
**Model Uses NO DRY DEPLETION. DRYDPLT = F
**Model Uses NO WET DEPLETION. WETDPLT = F
**Model Uses RURAL Dispersion Only.
**Model Uses Regulatory DEFAULT Options:
1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
**Other Options Specified:
ADJ_U* - Use ADJ_U* option for SBL in AERMET
CCVR_Sub - Meteorological data includes CCVR substitutions
TEMP_Sub - Meteorological data includes TEMP substitutions
**Model Assumes No FLAGPOLE Receptor Heights.
**The User Specified a Pollutant Type of: SO2
**Note that special processing requirements apply for the 1-hour SO2 NAAQS - check available guidance.
Model will process user-specified ranks of daily maximum 1-hour values averaged across the number of years modeled.
**Model Calculates 1 Short Term Average(s) of: 1-HR
and Calculates PERIOD Averages
**This Run Includes: 144 Source(s); 1 Source Group(s); and 317 Receptor(s)
with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 144 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
**Model Set To Continue RUNning After the Setup Testing.
**The AERMET Input Meteorological Data Version Date: 18081
**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)
**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours
**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 101.50 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3
**Approximate Storage Requirements of Model = 3.6 MB of RAM.
**Input Runstream File: aermod.inp
**Output Print File: aermod.out
**Detailed Error/Message File: Reedly.err
**File for Summary of Results: Reedly.sum

```

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\Project Files\Reedly\Reedly.isc  
 \*\*\* AERMET - VERSION 18081 \*\*\* \*\*\*

\*\*\* 04/26/22  
 \*\*\* 18:22:58  
 \*\*\* PAGE 2

\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000148	0	0.76923E-01	279468.9	4053681.7	100.1	5.00	18.60	3.40	NO	
L0000149	0	0.76923E-01	279450.9	4053646.0	98.4	5.00	18.60	3.40	NO	
L0000150	0	0.76923E-01	279441.6	4053613.7	98.0	5.00	18.60	3.40	NO	
L0000151	0	0.76923E-01	279478.9	4053599.0	101.6	5.00	18.60	3.40	NO	
L0000152	0	0.76923E-01	279498.7	4053626.6	104.9	5.00	18.60	3.40	NO	
L0000153	0	0.76923E-01	279514.8	4053663.2	106.1	5.00	18.60	3.40	NO	
L0000154	0	0.76923E-01	279489.2	4053681.9	102.6	5.00	18.60	3.40	NO	
L0000155	0	0.76923E-01	279465.2	4053662.1	99.7	5.00	18.60	3.40	NO	
L0000156	0	0.76923E-01	279448.0	4053626.1	98.3	5.00	18.60	3.40	NO	
L0000157	0	0.76923E-01	279476.0	4053607.9	101.3	5.00	18.60	3.40	NO	
L0000158	0	0.76923E-01	279492.7	4053644.3	104.1	5.00	18.60	3.40	NO	
L0000159	0	0.76923E-01	279490.5	4053672.4	103.1	5.00	18.60	3.40	NO	
L0000160	0	0.76923E-01	279469.8	4053645.6	100.2	5.00	18.60	3.40	NO	
L0000161	0	0.25000E+00	279466.8	4053653.9	99.8	5.00	18.60	3.40	NO	
L0000162	0	0.25000E+00	279464.6	4053624.0	99.7	5.00	18.60	3.40	NO	
L0000163	0	0.25000E+00	279489.3	4053641.0	103.5	5.00	18.60	3.40	NO	
L0000164	0	0.25000E+00	279476.3	4053653.1	101.0	5.00	18.60	3.40	NO	
L0000165	0	0.20000E+00	279525.8	4053661.9	106.0	5.00	18.60	3.40	NO	
L0000166	0	0.20000E+00	279509.5	4053625.4	105.9	5.00	18.60	3.40	NO	
L0000167	0	0.20000E+00	279534.5	4053606.9	106.1	5.00	18.60	3.40	NO	
L0000168	0	0.20000E+00	279549.4	4053644.0	106.0	5.00	18.60	3.40	NO	
L0000169	0	0.20000E+00	279537.3	4053655.0	106.0	5.00	18.60	3.40	NO	
L0000170	0	0.33333E+00	279540.3	4053657.4	106.0	5.00	4.65	3.40	NO	
L0000171	0	0.33333E+00	279536.3	4053648.2	106.0	5.00	4.65	3.40	NO	
L0000172	0	0.33333E+00	279532.5	4053639.0	106.0	5.00	4.65	3.40	NO	
L0000173	0	0.55556E-01	279558.4	4053644.2	106.0	5.00	18.60	3.40	NO	
L0000174	0	0.55556E-01	279542.3	4053607.6	106.0	5.00	18.60	3.40	NO	
L0000175	0	0.55556E-01	279567.9	4053588.4	106.0	5.00	18.60	3.40	NO	
L0000176	0	0.55556E-01	279605.0	4053573.4	106.0	5.00	18.60	3.40	NO	
L0000177	0	0.55556E-01	279638.5	4053567.5	106.0	5.00	18.60	3.40	NO	
L0000178	0	0.55556E-01	279654.9	4053604.0	105.9	5.00	18.60	3.40	NO	
L0000179	0	0.55556E-01	279632.4	4053624.3	105.8	5.00	18.60	3.40	NO	
L0000180	0	0.55556E-01	279595.0	4053638.4	105.9	5.00	18.60	3.40	NO	
L0000181	0	0.55556E-01	279565.1	4053633.3	106.0	5.00	18.60	3.40	NO	
L0000182	0	0.55556E-01	279559.8	4053602.3	106.0	5.00	18.60	3.40	NO	
L0000183	0	0.55556E-01	279597.1	4053588.0	106.0	5.00	18.60	3.40	NO	
L0000184	0	0.55556E-01	279632.6	4053578.2	106.0	5.00	18.60	3.40	NO	
L0000185	0	0.55556E-01	279638.8	4053611.4	105.9	5.00	18.60	3.40	NO	
L0000186	0	0.55556E-01	279601.6	4053626.2	105.9	5.00	18.60	3.40	NO	
L0000187	0	0.55556E-01	279572.9	4053619.4	106.0	5.00	18.60	3.40	NO	



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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000188	0	0.55556E-01	279596.7	4053600.1	106.0	5.00	18.60	3.40	NO	
L0000189	0	0.55556E-01	279630.8	4053596.4	106.0	5.00	18.60	3.40	NO	
L0000190	0	0.55556E-01	279600.4	4053614.1	106.0	5.00	18.60	3.40	NO	
L0000191	0	0.16667E+00	279569.8	4053611.9	106.0	5.00	18.60	3.40	NO	
L0000192	0	0.16667E+00	279596.1	4053592.9	106.0	5.00	18.60	3.40	NO	
L0000193	0	0.16667E+00	279630.4	4053584.4	106.0	5.00	18.60	3.40	NO	
L0000194	0	0.16667E+00	279609.4	4053606.6	106.0	5.00	18.60	3.40	NO	
L0000195	0	0.16667E+00	279582.4	4053607.9	106.0	5.00	18.60	3.40	NO	
L0000196	0	0.16667E+00	279619.8	4053593.7	106.0	5.00	18.60	3.40	NO	
L0000197	0	0.50000E+00	279693.4	4053575.6	105.8	5.00	9.30	3.40	NO	
L0000198	0	0.50000E+00	279685.6	4053557.1	105.9	5.00	9.30	3.40	NO	
L0000199	0	0.14286E+00	279664.8	4053600.1	105.9	5.00	18.60	3.40	NO	
L0000200	0	0.14286E+00	279649.9	4053563.0	106.0	5.00	18.60	3.40	NO	
L0000201	0	0.14286E+00	279677.2	4053544.3	105.9	5.00	18.60	3.40	NO	
L0000202	0	0.14286E+00	279698.1	4053567.7	105.8	5.00	18.60	3.40	NO	
L0000203	0	0.14286E+00	279694.7	4053597.2	105.9	5.00	18.60	3.40	NO	
L0000204	0	0.14286E+00	279669.9	4053584.9	105.9	5.00	18.60	3.40	NO	
L0000205	0	0.14286E+00	279676.9	4053555.9	105.9	5.00	18.60	3.40	NO	
L0000206	0	0.33333E+00	279735.6	4053557.3	105.8	5.00	4.65	3.40	NO	
L0000207	0	0.33333E+00	279730.2	4053549.0	105.8	5.00	4.65	3.40	NO	
L0000208	0	0.33333E+00	279724.7	4053540.6	105.8	5.00	4.65	3.40	NO	
L0000209	0	0.12500E+00	279711.8	4053581.1	105.8	5.00	18.60	3.40	NO	
L0000210	0	0.12500E+00	279695.3	4053544.6	105.8	5.00	18.60	3.40	NO	
L0000211	0	0.12500E+00	279715.4	4053523.3	105.8	5.00	18.60	3.40	NO	
L0000212	0	0.12500E+00	279739.5	4053541.0	105.8	5.00	18.60	3.40	NO	
L0000213	0	0.12500E+00	279753.4	4053576.6	106.0	5.00	18.60	3.40	NO	
L0000214	0	0.12500E+00	279720.3	4053581.4	105.9	5.00	18.60	3.40	NO	
L0000215	0	0.12500E+00	279705.8	4053544.1	105.8	5.00	18.60	3.40	NO	
L0000216	0	0.12500E+00	279723.6	4053535.8	105.8	5.00	18.60	3.40	NO	
L0000217	0	0.33333E+00	279762.8	4053516.8	105.8	5.00	4.65	3.40	NO	
L0000218	0	0.33333E+00	279769.7	4053509.6	105.8	5.00	4.65	3.40	NO	
L0000219	0	0.33333E+00	279776.7	4053502.4	105.8	5.00	4.65	3.40	NO	
L0000220	0	0.58824E-01	279765.7	4053561.8	106.0	5.00	18.60	3.40	NO	
L0000221	0	0.58824E-01	279743.2	4053531.8	105.8	5.00	18.60	3.40	NO	
L0000222	0	0.58824E-01	279749.8	4053502.2	105.7	5.00	18.60	3.40	NO	
L0000223	0	0.58824E-01	279785.7	4053485.0	105.8	5.00	18.60	3.40	NO	
L0000224	0	0.58824E-01	279816.7	4053487.6	106.9	5.00	18.60	3.40	NO	
L0000225	0	0.58824E-01	279822.8	4053526.6	107.2	5.00	18.60	3.40	NO	
L0000226	0	0.58824E-01	279797.3	4053553.2	107.2	5.00	18.60	3.40	NO	
L0000227	0	0.58824E-01	279766.4	4053548.2	105.9	5.00	18.60	3.40	NO	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000228	0	0.58824E-01	279746.1	4053515.1	105.7	5.00	18.60	3.40	NO	
L0000229	0	0.58824E-01	279782.2	4053497.8	105.8	5.00	18.60	3.40	NO	
L0000230	0	0.58824E-01	279811.0	4053500.5	106.5	5.00	18.60	3.40	NO	
L0000231	0	0.58824E-01	279806.1	4053538.1	107.0	5.00	18.60	3.40	NO	
L0000232	0	0.58824E-01	279771.7	4053549.3	106.0	5.00	18.60	3.40	NO	
L0000233	0	0.58824E-01	279763.8	4053516.7	105.8	5.00	18.60	3.40	NO	
L0000234	0	0.58824E-01	279798.1	4053507.1	106.0	5.00	18.60	3.40	NO	
L0000235	0	0.58824E-01	279786.3	4053537.9	106.2	5.00	18.60	3.40	NO	
L0000236	0	0.58824E-01	279784.7	4053520.8	105.9	5.00	18.60	3.40	NO	
L0000237	0	0.33333E+00	279612.7	4053518.0	106.0	5.00	18.60	3.40	NO	
L0000238	0	0.33333E+00	279642.0	4053499.2	106.0	5.00	18.60	3.40	NO	
L0000239	0	0.33333E+00	279608.8	4053507.7	106.0	5.00	18.60	3.40	NO	
L0000240	0	0.10000E+00	279613.5	4053552.5	106.0	5.00	18.60	3.40	NO	
L0000241	0	0.10000E+00	279596.3	4053516.4	106.0	5.00	18.60	3.40	NO	
L0000242	0	0.10000E+00	279621.5	4053496.9	106.0	5.00	18.60	3.40	NO	
L0000243	0	0.10000E+00	279652.0	4053497.6	106.0	5.00	18.60	3.40	NO	
L0000244	0	0.10000E+00	279666.9	4053534.7	106.0	5.00	18.60	3.40	NO	
L0000245	0	0.10000E+00	279635.6	4053552.7	106.0	5.00	18.60	3.40	NO	
L0000246	0	0.10000E+00	279613.6	4053527.3	106.0	5.00	18.60	3.40	NO	
L0000247	0	0.10000E+00	279628.9	4053504.5	106.0	5.00	18.60	3.40	NO	
L0000248	0	0.10000E+00	279651.1	4053527.8	106.0	5.00	18.60	3.40	NO	
L0000249	0	0.10000E+00	279629.7	4053526.7	106.0	5.00	18.60	3.40	NO	
L0000250	0	0.33333E+00	279548.2	4053545.8	106.1	5.00	18.60	3.40	NO	
L0000251	0	0.33333E+00	279574.8	4053526.6	106.0	5.00	18.60	3.40	NO	
L0000252	0	0.33333E+00	279540.4	4053535.2	106.0	5.00	18.60	3.40	NO	
L0000253	0	0.62500E-01	279497.4	4053601.1	104.5	5.00	18.60	3.40	NO	
L0000254	0	0.62500E-01	279482.2	4053564.1	101.5	5.00	18.60	3.40	NO	
L0000255	0	0.62500E-01	279512.1	4053545.6	106.0	5.00	18.60	3.40	NO	
L0000256	0	0.62500E-01	279548.9	4053529.9	106.0	5.00	18.60	3.40	NO	
L0000257	0	0.62500E-01	279583.2	4053519.7	106.0	5.00	18.60	3.40	NO	
L0000258	0	0.62500E-01	279598.7	4053556.6	106.0	5.00	18.60	3.40	NO	
L0000259	0	0.62500E-01	279576.3	4053577.8	106.0	5.00	18.60	3.40	NO	
L0000260	0	0.62500E-01	279539.3	4053593.0	106.1	5.00	18.60	3.40	NO	
L0000261	0	0.62500E-01	279508.2	4053595.4	105.8	5.00	18.60	3.40	NO	
L0000262	0	0.62500E-01	279506.3	4053562.1	105.4	5.00	18.60	3.40	NO	
L0000263	0	0.62500E-01	279542.5	4053545.2	106.1	5.00	18.60	3.40	NO	
L0000264	0	0.62500E-01	279575.1	4053538.3	106.0	5.00	18.60	3.40	NO	
L0000265	0	0.62500E-01	279574.0	4053567.6	106.0	5.00	18.60	3.40	NO	
L0000266	0	0.62500E-01	279537.1	4053583.0	106.1	5.00	18.60	3.40	NO	
L0000267	0	0.62500E-01	279515.2	4053572.3	106.2	5.00	18.60	3.40	NO	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000268	0	0.62500E-01	279553.1	4053559.3	106.1	5.00	18.60	3.40	NO	
L0000269	0	0.16667E+00	279415.1	4053584.8	96.6	5.00	18.60	3.40	NO	
L0000270	0	0.16667E+00	279399.6	4053548.0	95.8	5.00	18.60	3.40	NO	
L0000271	0	0.16667E+00	279411.8	4053523.0	97.0	5.00	18.60	3.40	NO	
L0000272	0	0.16667E+00	279431.3	4053550.7	97.7	5.00	18.60	3.40	NO	
L0000273	0	0.16667E+00	279441.2	4053585.0	98.0	5.00	18.60	3.40	NO	
L0000274	0	0.16667E+00	279419.5	4053562.4	97.1	5.00	18.60	3.40	NO	
L0000275	0	0.58824E-01	279410.0	4053609.6	95.6	5.00	18.60	3.40	NO	
L0000276	0	0.58824E-01	279395.0	4053572.6	94.2	5.00	18.60	3.40	NO	
L0000277	0	0.58824E-01	279374.6	4053543.0	92.1	5.00	18.60	3.40	NO	
L0000278	0	0.58824E-01	279389.2	4053518.1	95.7	5.00	18.60	3.40	NO	
L0000279	0	0.58824E-01	279425.4	4053501.1	97.7	5.00	18.60	3.40	NO	
L0000280	0	0.58824E-01	279447.2	4053529.8	98.5	5.00	18.60	3.40	NO	
L0000281	0	0.58824E-01	279464.1	4053566.0	99.4	5.00	18.60	3.40	NO	
L0000282	0	0.58824E-01	279461.5	4053594.5	99.4	5.00	18.60	3.40	NO	
L0000283	0	0.58824E-01	279424.3	4053609.1	97.3	5.00	18.60	3.40	NO	
L0000284	0	0.58824E-01	279405.3	4053578.7	95.5	5.00	18.60	3.40	NO	
L0000285	0	0.58824E-01	279383.9	4053547.3	93.2	5.00	18.60	3.40	NO	
L0000286	0	0.58824E-01	279401.0	4053523.5	96.4	5.00	18.60	3.40	NO	
L0000287	0	0.58824E-01	279431.1	4053526.6	97.8	5.00	18.60	3.40	NO	
L0000288	0	0.58824E-01	279449.0	4053562.4	98.5	5.00	18.60	3.40	NO	
L0000289	0	0.58824E-01	279448.0	4053592.1	98.3	5.00	18.60	3.40	NO	
L0000290	0	0.58824E-01	279424.8	4053578.0	97.4	5.00	18.60	3.40	NO	
L0000291	0	0.58824E-01	279410.2	4053540.7	96.7	5.00	18.60	3.40	NO	

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID	SOURCE IDs								
-----	-----								
ALL	L0000148	, L0000149	, L0000150	, L0000151	, L0000152	, L0000153	, L0000154	, L0000155	,
	L0000156	, L0000157	, L0000158	, L0000159	, L0000160	, L0000161	, L0000162	, L0000163	,
	L0000164	, L0000165	, L0000166	, L0000167	, L0000168	, L0000169	, L0000170	, L0000171	,
	L0000172	, L0000173	, L0000174	, L0000175	, L0000176	, L0000177	, L0000178	, L0000179	,
	L0000180	, L0000181	, L0000182	, L0000183	, L0000184	, L0000185	, L0000186	, L0000187	,
	L0000188	, L0000189	, L0000190	, L0000191	, L0000192	, L0000193	, L0000194	, L0000195	,
	L0000196	, L0000197	, L0000198	, L0000199	, L0000200	, L0000201	, L0000202	, L0000203	,
	L0000204	, L0000205	, L0000206	, L0000207	, L0000208	, L0000209	, L0000210	, L0000211	,
	L0000212	, L0000213	, L0000214	, L0000215	, L0000216	, L0000217	, L0000218	, L0000219	,
	L0000220	, L0000221	, L0000222	, L0000223	, L0000224	, L0000225	, L0000226	, L0000227	,
	L0000228	, L0000229	, L0000230	, L0000231	, L0000232	, L0000233	, L0000234	, L0000235	,
	L0000236	, L0000237	, L0000238	, L0000239	, L0000240	, L0000241	, L0000242	, L0000243	,
	L0000244	, L0000245	, L0000246	, L0000247	, L0000248	, L0000249	, L0000250	, L0000251	,
	L0000252	, L0000253	, L0000254	, L0000255	, L0000256	, L0000257	, L0000258	, L0000259	,
	L0000260	, L0000261	, L0000262	, L0000263	, L0000264	, L0000265	, L0000266	, L0000267	,
	L0000268	, L0000269	, L0000270	, L0000271	, L0000272	, L0000273	, L0000274	, L0000275	,
	L0000276	, L0000277	, L0000278	, L0000279	, L0000280	, L0000281	, L0000282	, L0000283	,
	L0000284	, L0000285	, L0000286	, L0000287	, L0000288	, L0000289	, L0000290	, L0000291	,

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 278888.0, 4052818.2, 105.1, 105.1, 0.0);	( 278938.0, 4052818.2, 104.5, 104.5, 0.0);
( 278988.0, 4052818.2, 90.5, 105.2, 0.0);	( 279288.0, 4052818.2, 96.0, 96.0, 0.0);
( 279338.0, 4052818.2, 96.3, 96.3, 0.0);	( 279388.0, 4052818.2, 96.6, 96.6, 0.0);
( 279438.0, 4052818.2, 96.8, 96.8, 0.0);	( 279488.0, 4052818.2, 97.1, 97.1, 0.0);
( 279538.0, 4052818.2, 97.3, 97.3, 0.0);	( 279588.0, 4052818.2, 97.6, 97.6, 0.0);
( 279638.0, 4052818.2, 98.0, 98.0, 0.0);	( 279688.0, 4052818.2, 98.6, 98.6, 0.0);
( 279738.0, 4052818.2, 100.2, 100.2, 0.0);	( 279788.0, 4052818.2, 101.4, 101.4, 0.0);
( 279838.0, 4052818.2, 102.1, 102.1, 0.0);	( 279888.0, 4052818.2, 103.6, 103.6, 0.0);
( 279938.0, 4052818.2, 106.0, 106.0, 0.0);	( 279988.0, 4052818.2, 105.9, 105.9, 0.0);
( 280038.0, 4052818.2, 105.9, 105.9, 0.0);	( 280088.0, 4052818.2, 105.9, 105.9, 0.0);
( 280138.0, 4052818.2, 105.8, 105.8, 0.0);	( 280188.0, 4052818.2, 105.8, 105.8, 0.0);
( 280238.0, 4052818.2, 105.8, 105.8, 0.0);	( 280288.0, 4052818.2, 105.8, 105.8, 0.0);
( 280338.0, 4052818.2, 105.8, 105.8, 0.0);	( 280388.0, 4052818.2, 105.1, 105.1, 0.0);
( 278938.0, 4052868.2, 104.3, 104.3, 0.0);	( 278988.0, 4052868.2, 90.5, 105.2, 0.0);
( 279288.0, 4052868.2, 96.0, 96.0, 0.0);	( 279338.0, 4052868.2, 96.3, 96.3, 0.0);
( 279388.0, 4052868.2, 96.6, 96.6, 0.0);	( 279438.0, 4052868.2, 97.0, 97.0, 0.0);
( 279488.0, 4052868.2, 97.2, 97.2, 0.0);	( 279538.0, 4052868.2, 97.5, 97.5, 0.0);
( 279588.0, 4052868.2, 97.7, 97.7, 0.0);	( 279638.0, 4052868.2, 98.0, 98.0, 0.0);
( 279688.0, 4052868.2, 99.5, 99.5, 0.0);	( 279738.0, 4052868.2, 101.4, 101.4, 0.0);
( 279788.0, 4052868.2, 101.8, 101.8, 0.0);	( 279838.0, 4052868.2, 102.5, 102.5, 0.0);
( 279888.0, 4052868.2, 104.7, 104.7, 0.0);	( 279938.0, 4052868.2, 106.1, 106.1, 0.0);
( 279988.0, 4052868.2, 106.0, 106.0, 0.0);	( 280038.0, 4052868.2, 105.9, 105.9, 0.0);
( 280088.0, 4052868.2, 105.9, 105.9, 0.0);	( 280138.0, 4052868.2, 105.9, 105.9, 0.0);
( 280188.0, 4052868.2, 105.9, 105.9, 0.0);	( 280238.0, 4052868.2, 105.9, 105.9, 0.0);
( 280288.0, 4052868.2, 105.9, 105.9, 0.0);	( 280338.0, 4052868.2, 105.8, 105.8, 0.0);
( 278888.0, 4052918.2, 105.0, 105.0, 0.0);	( 278938.0, 4052918.2, 104.3, 104.3, 0.0);
( 278988.0, 4052918.2, 90.8, 105.2, 0.0);	( 279288.0, 4052918.2, 96.0, 96.0, 0.0);
( 279338.0, 4052918.2, 96.3, 96.3, 0.0);	( 279388.0, 4052918.2, 96.6, 96.6, 0.0);
( 279438.0, 4052918.2, 97.0, 97.0, 0.0);	( 279488.0, 4052918.2, 97.2, 97.2, 0.0);
( 279538.0, 4052918.2, 97.6, 97.6, 0.0);	( 279588.0, 4052918.2, 98.0, 98.0, 0.0);
( 279638.0, 4052918.2, 98.3, 98.3, 0.0);	( 279688.0, 4052918.2, 100.2, 100.2, 0.0);
( 279738.0, 4052918.2, 101.7, 101.7, 0.0);	( 279788.0, 4052918.2, 102.2, 102.2, 0.0);
( 279838.0, 4052918.2, 102.9, 102.9, 0.0);	( 279888.0, 4052918.2, 105.5, 105.5, 0.0);
( 279938.0, 4052918.2, 106.2, 106.2, 0.0);	( 279988.0, 4052918.2, 106.1, 106.1, 0.0);
( 280038.0, 4052918.2, 106.0, 106.0, 0.0);	( 280088.0, 4052918.2, 106.0, 106.0, 0.0);
( 280138.0, 4052918.2, 106.0, 106.0, 0.0);	( 280188.0, 4052918.2, 106.0, 106.0, 0.0);
( 280238.0, 4052918.2, 105.9, 105.9, 0.0);	( 280288.0, 4052918.2, 105.9, 105.9, 0.0);
( 280338.0, 4052918.2, 105.9, 105.9, 0.0);	( 278888.0, 4052968.2, 105.0, 105.0, 0.0);
( 278938.0, 4052968.2, 104.3, 104.3, 0.0);	( 278988.0, 4052968.2, 91.5, 105.2, 0.0);
( 279288.0, 4052968.2, 96.0, 96.0, 0.0);	( 279338.0, 4052968.2, 96.3, 96.3, 0.0);
( 279388.0, 4052968.2, 96.6, 96.6, 0.0);	( 279438.0, 4052968.2, 96.9, 96.9, 0.0);
( 279488.0, 4052968.2, 97.3, 97.3, 0.0);	( 279538.0, 4052968.2, 97.7, 97.7, 0.0);
( 279588.0, 4052968.2, 98.2, 98.2, 0.0);	( 279638.0, 4052968.2, 100.0, 100.0, 0.0);
( 279688.0, 4052968.2, 101.6, 101.6, 0.0);	( 279738.0, 4052968.2, 102.1, 102.1, 0.0);
( 279788.0, 4052968.2, 102.6, 102.6, 0.0);	( 279838.0, 4052968.2, 103.7, 103.7, 0.0);

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 279888.0, 4052968.2, 106.2, 106.2, 0.0);	( 279938.0, 4052968.2, 106.2, 106.2, 0.0);
( 279988.0, 4052968.2, 106.2, 106.2, 0.0);	( 280038.0, 4052968.2, 106.1, 106.1, 0.0);
( 280088.0, 4052968.2, 106.1, 106.1, 0.0);	( 280138.0, 4052968.2, 106.0, 106.0, 0.0);
( 280188.0, 4052968.2, 106.0, 106.0, 0.0);	( 280238.0, 4052968.2, 106.0, 106.0, 0.0);
( 280288.0, 4052968.2, 106.0, 106.0, 0.0);	( 280338.0, 4052968.2, 105.9, 105.9, 0.0);
( 278888.0, 4053018.2, 104.9, 104.9, 0.0);	( 278938.0, 4053018.2, 104.5, 104.5, 0.0);
( 278988.0, 4053018.2, 92.5, 105.1, 0.0);	( 279288.0, 4053018.2, 95.9, 95.9, 0.0);
( 279338.0, 4053018.2, 96.2, 96.2, 0.0);	( 279388.0, 4053018.2, 96.5, 96.5, 0.0);
( 279438.0, 4053018.2, 96.9, 96.9, 0.0);	( 279488.0, 4053018.2, 97.4, 97.4, 0.0);
( 279538.0, 4053018.2, 97.9, 97.9, 0.0);	( 279588.0, 4053018.2, 98.8, 98.8, 0.0);
( 279638.0, 4053018.2, 101.4, 101.4, 0.0);	( 279688.0, 4053018.2, 102.0, 102.0, 0.0);
( 279738.0, 4053018.2, 102.5, 102.5, 0.0);	( 279788.0, 4053018.2, 103.2, 103.2, 0.0);
( 279838.0, 4053018.2, 104.3, 104.3, 0.0);	( 279888.0, 4053018.2, 106.4, 106.4, 0.0);
( 279938.0, 4053018.2, 106.3, 106.3, 0.0);	( 279988.0, 4053018.2, 106.3, 106.3, 0.0);
( 280038.0, 4053018.2, 106.2, 106.2, 0.0);	( 280088.0, 4053018.2, 106.2, 106.2, 0.0);
( 280138.0, 4053018.2, 106.1, 106.1, 0.0);	( 280188.0, 4053018.2, 106.1, 106.1, 0.0);
( 280238.0, 4053018.2, 106.1, 106.1, 0.0);	( 280288.0, 4053018.2, 106.0, 106.0, 0.0);
( 278888.0, 4053068.2, 104.9, 104.9, 0.0);	( 278938.0, 4053068.2, 104.3, 104.3, 0.0);
( 278988.0, 4053068.2, 93.3, 105.0, 0.0);	( 279338.0, 4053068.2, 96.2, 96.2, 0.0);
( 279388.0, 4053068.2, 96.6, 96.6, 0.0);	( 279438.0, 4053068.2, 97.0, 97.0, 0.0);
( 279488.0, 4053068.2, 97.5, 97.5, 0.0);	( 279538.0, 4053068.2, 98.1, 98.1, 0.0);
( 279588.0, 4053068.2, 99.8, 99.8, 0.0);	( 279638.0, 4053068.2, 101.8, 101.8, 0.0);
( 279688.0, 4053068.2, 102.4, 102.4, 0.0);	( 279738.0, 4053068.2, 103.1, 103.1, 0.0);
( 279788.0, 4053068.2, 103.9, 103.9, 0.0);	( 279838.0, 4053068.2, 105.7, 105.7, 0.0);
( 279888.0, 4053068.2, 106.4, 106.4, 0.0);	( 279938.0, 4053068.2, 106.4, 106.4, 0.0);
( 279988.0, 4053068.2, 106.4, 106.4, 0.0);	( 280038.0, 4053068.2, 106.3, 106.3, 0.0);
( 280088.0, 4053068.2, 106.3, 106.3, 0.0);	( 280138.0, 4053068.2, 106.3, 106.3, 0.0);
( 280188.0, 4053068.2, 106.2, 106.2, 0.0);	( 280238.0, 4053068.2, 106.2, 106.2, 0.0);
( 278888.0, 4053118.2, 105.0, 105.0, 0.0);	( 278938.0, 4053118.2, 104.5, 104.5, 0.0);
( 278988.0, 4053118.2, 94.9, 105.0, 0.0);	( 279338.0, 4053118.2, 96.2, 96.2, 0.0);
( 279388.0, 4053118.2, 96.6, 96.6, 0.0);	( 279438.0, 4053118.2, 97.1, 97.1, 0.0);
( 279488.0, 4053118.2, 97.7, 97.7, 0.0);	( 279538.0, 4053118.2, 98.3, 98.3, 0.0);
( 279588.0, 4053118.2, 101.3, 101.3, 0.0);	( 279638.0, 4053118.2, 102.1, 102.1, 0.0);
( 279688.0, 4053118.2, 102.8, 102.8, 0.0);	( 279738.0, 4053118.2, 103.8, 103.8, 0.0);
( 279788.0, 4053118.2, 105.0, 105.0, 0.0);	( 279838.0, 4053118.2, 106.4, 106.4, 0.0);
( 279888.0, 4053118.2, 106.5, 106.5, 0.0);	( 279938.0, 4053118.2, 106.5, 106.5, 0.0);
( 279988.0, 4053118.2, 106.5, 106.5, 0.0);	( 280038.0, 4053118.2, 106.4, 106.4, 0.0);
( 280088.0, 4053118.2, 106.4, 106.4, 0.0);	( 280138.0, 4053118.2, 106.4, 106.4, 0.0);
( 280188.0, 4053118.2, 106.3, 106.3, 0.0);	( 280238.0, 4053118.2, 106.3, 106.3, 0.0);
( 278888.0, 4053168.2, 105.0, 105.0, 0.0);	( 278938.0, 4053168.2, 104.6, 104.6, 0.0);
( 278988.0, 4053168.2, 97.0, 104.8, 0.0);	( 279038.0, 4053168.2, 91.0, 104.9, 0.0);
( 279338.0, 4053168.2, 96.3, 96.3, 0.0);	( 279388.0, 4053168.2, 96.8, 96.8, 0.0);
( 279438.0, 4053168.2, 97.4, 97.4, 0.0);	( 279488.0, 4053168.2, 98.0, 98.0, 0.0);
( 279538.0, 4053168.2, 99.3, 99.3, 0.0);	( 279588.0, 4053168.2, 101.8, 101.8, 0.0);
( 279638.0, 4053168.2, 102.6, 102.6, 0.0);	( 279688.0, 4053168.2, 103.7, 103.7, 0.0);

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\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 279738.0, 4053168.2,	104.7,	104.7,	0.0);	( 279788.0, 4053168.2,	106.0,	106.0,	0.0);
( 280088.0, 4053168.2,	106.5,	106.5,	0.0);	( 280138.0, 4053168.2,	106.5,	106.5,	0.0);
( 278938.0, 4053218.2,	104.6,	104.6,	0.0);	( 278988.0, 4053218.2,	99.0,	104.6,	0.0);
( 279038.0, 4053218.2,	92.3,	104.8,	0.0);	( 279338.0, 4053218.2,	96.3,	96.3,	0.0);
( 279388.0, 4053218.2,	97.0,	97.0,	0.0);	( 279438.0, 4053218.2,	97.7,	97.7,	0.0);
( 279488.0, 4053218.2,	98.5,	98.5,	0.0);	( 279538.0, 4053218.2,	101.0,	101.0,	0.0);
( 279588.0, 4053218.2,	102.5,	102.5,	0.0);	( 279638.0, 4053218.2,	103.4,	103.4,	0.0);
( 279688.0, 4053218.2,	104.4,	104.4,	0.0);	( 279738.0, 4053218.2,	105.1,	105.1,	0.0);
( 279788.0, 4053218.2,	105.8,	105.8,	0.0);	( 278988.0, 4053268.2,	98.4,	104.6,	0.0);
( 279038.0, 4053268.2,	94.8,	104.4,	0.0);	( 278988.0, 4053318.2,	99.0,	99.0,	0.0);
( 279038.0, 4053318.2,	96.8,	96.8,	0.0);	( 279088.0, 4053318.2,	91.3,	97.2,	0.0);
( 279038.0, 4053368.2,	97.4,	97.4,	0.0);	( 279088.0, 4053368.2,	95.4,	95.4,	0.0);
( 279138.0, 4053368.2,	91.3,	95.9,	0.0);	( 279088.0, 4053418.2,	96.9,	96.9,	0.0);
( 279138.0, 4053418.2,	93.9,	96.0,	0.0);	( 279188.0, 4053418.2,	90.7,	95.2,	0.0);
( 279088.0, 4053468.2,	97.5,	97.5,	0.0);	( 279138.0, 4053468.2,	96.5,	96.5,	0.0);
( 279188.0, 4053468.2,	92.8,	96.2,	0.0);	( 279138.0, 4053518.2,	97.3,	97.3,	0.0);
( 279188.0, 4053518.2,	96.2,	96.2,	0.0);	( 279238.0, 4053518.2,	91.5,	96.1,	0.0);
( 279138.0, 4053568.2,	97.8,	97.8,	0.0);	( 279188.0, 4053568.2,	96.8,	96.8,	0.0);
( 279238.0, 4053568.2,	92.5,	96.1,	0.0);	( 279238.0, 4053618.2,	93.8,	95.8,	0.0);
( 279288.0, 4053618.2,	91.7,	91.7,	0.0);	( 279238.0, 4053668.2,	95.6,	95.6,	0.0);
( 279288.0, 4053668.2,	92.0,	92.0,	0.0);	( 279238.0, 4053718.2,	96.5,	96.5,	0.0);
( 279288.0, 4053718.2,	93.2,	93.2,	0.0);	( 279338.0, 4053718.2,	91.8,	91.8,	0.0);
( 279288.0, 4053768.2,	94.8,	105.0,	0.0);	( 279338.0, 4053768.2,	92.3,	105.0,	0.0);
( 280188.0, 4053818.2,	107.3,	107.3,	0.0);	( 280238.0, 4053818.2,	107.3,	107.3,	0.0);
( 280288.0, 4053818.2,	107.4,	107.4,	0.0);	( 280338.0, 4053818.2,	107.4,	107.4,	0.0);
( 280188.0, 4053868.2,	107.3,	107.3,	0.0);	( 280238.0, 4053868.2,	107.3,	107.3,	0.0);
( 280288.0, 4053868.2,	107.3,	107.3,	0.0);	( 280338.0, 4053868.2,	107.3,	107.3,	0.0);
( 280188.0, 4053918.2,	107.3,	107.3,	0.0);	( 280238.0, 4053918.2,	107.3,	107.3,	0.0);
( 280288.0, 4053918.2,	107.3,	107.3,	0.0);	( 280338.0, 4053918.2,	107.3,	107.3,	0.0);
( 279753.0, 4053723.0,	107.4,	107.4,	0.0);	( 279778.0, 4053723.0,	107.4,	107.4,	0.0);
( 279803.0, 4053723.0,	107.4,	107.4,	0.0);	( 279828.0, 4053723.0,	107.4,	107.4,	0.0);
( 279753.0, 4053748.0,	107.4,	107.4,	0.0);	( 279778.0, 4053748.0,	107.4,	107.4,	0.0);
( 279803.0, 4053748.0,	107.4,	107.4,	0.0);	( 279828.0, 4053748.0,	107.3,	107.3,	0.0);
( 279753.0, 4053773.0,	107.3,	107.3,	0.0);	( 279778.0, 4053773.0,	107.3,	107.3,	0.0);
( 279803.0, 4053773.0,	107.3,	107.3,	0.0);	( 279828.0, 4053773.0,	107.3,	107.3,	0.0);
( 279878.0, 4053873.0,	107.1,	107.1,	0.0);	( 279903.0, 4053873.0,	107.2,	107.2,	0.0);
( 279803.0, 4053898.0,	106.9,	106.9,	0.0);	( 279828.0, 4053898.0,	107.0,	107.0,	0.0);
( 279878.0, 4053898.0,	107.1,	107.1,	0.0);	( 279903.0, 4053898.0,	107.2,	107.2,	0.0);
( 279978.0, 4053898.0,	107.3,	107.3,	0.0);	( 279803.0, 4053923.0,	106.8,	106.8,	0.0);
( 279828.0, 4053923.0,	106.9,	106.9,	0.0);	( 279853.0, 4053923.0,	107.0,	107.0,	0.0);
( 279878.0, 4053923.0,	107.1,	107.1,	0.0);	( 279903.0, 4053923.0,	107.2,	107.2,	0.0);
( 279978.0, 4053923.0,	107.3,	107.3,	0.0);	( 279828.0, 4053948.0,	106.9,	106.9,	0.0);
( 279853.0, 4053948.0,	107.0,	107.0,	0.0);	( 279878.0, 4053948.0,	107.1,	107.1,	0.0);
( 279903.0, 4053948.0,	107.2,	107.2,	0.0);	( 279978.0, 4053948.0,	107.3,	107.3,	0.0);
( 280277.7, 4053388.2,	106.9,	106.9,	0.0);	( 280327.7, 4053388.2,	106.9,	106.9,	0.0);

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 280377.7, 4053388.2, 106.8, 106.8, 0.0);	( 280427.7, 4053388.2, 106.8, 106.8, 0.0);
( 280477.7, 4053388.2, 106.7, 106.7, 0.0);	( 280527.7, 4053388.2, 106.7, 106.7, 0.0);
( 280577.7, 4053388.2, 106.6, 106.6, 0.0);	( 280277.7, 4053438.2, 107.1, 107.1, 0.0);
( 280327.7, 4053438.2, 107.0, 107.0, 0.0);	( 280377.7, 4053438.2, 107.0, 107.0, 0.0);
( 280427.7, 4053438.2, 106.9, 106.9, 0.0);	( 280477.7, 4053438.2, 106.9, 106.9, 0.0);
( 280527.7, 4053438.2, 106.8, 106.8, 0.0);	( 280577.7, 4053438.2, 106.8, 106.8, 0.0);
( 280277.7, 4053488.2, 107.2, 107.2, 0.0);	( 280327.7, 4053488.2, 107.1, 107.1, 0.0);
( 280377.7, 4053488.2, 107.1, 107.1, 0.0);	( 280427.7, 4053488.2, 107.0, 107.0, 0.0);
( 280477.7, 4053488.2, 107.0, 107.0, 0.0);	( 280527.7, 4053488.2, 106.9, 106.9, 0.0);
( 280577.7, 4053488.2, 106.9, 106.9, 0.0);	( 280277.7, 4053538.2, 107.3, 107.3, 0.0);
( 280327.7, 4053538.2, 107.2, 107.2, 0.0);	( 280377.7, 4053538.2, 107.2, 107.2, 0.0);
( 280427.7, 4053538.2, 107.1, 107.1, 0.0);	( 280477.7, 4053538.2, 107.1, 107.1, 0.0);
( 280527.7, 4053538.2, 107.0, 107.0, 0.0);	( 280577.7, 4053538.2, 107.0, 107.0, 0.0);
( 280277.7, 4053588.2, 107.4, 107.4, 0.0);	( 280327.7, 4053588.2, 107.3, 107.3, 0.0);
( 280377.7, 4053588.2, 107.2, 107.2, 0.0);	( 280427.7, 4053588.2, 107.2, 107.2, 0.0);
( 280477.7, 4053588.2, 107.1, 107.1, 0.0);	( 280527.7, 4053588.2, 107.1, 107.1, 0.0);
( 280577.7, 4053588.2, 107.1, 107.1, 0.0);	( 280277.7, 4053638.2, 107.4, 107.4, 0.0);
( 280327.7, 4053638.2, 107.4, 107.4, 0.0);	( 280377.7, 4053638.2, 107.3, 107.3, 0.0);
( 280427.7, 4053638.2, 107.3, 107.3, 0.0);	( 280477.7, 4053638.2, 107.2, 107.2, 0.0);
( 280527.7, 4053638.2, 107.2, 107.2, 0.0);	( 280577.7, 4053638.2, 107.1, 107.1, 0.0);
( 280277.7, 4053688.2, 107.5, 107.5, 0.0);	( 280327.7, 4053688.2, 107.4, 107.4, 0.0);
( 280377.7, 4053688.2, 107.4, 107.4, 0.0);	( 280427.7, 4053688.2, 107.3, 107.3, 0.0);
( 280477.7, 4053688.2, 107.3, 107.3, 0.0);	( 280527.7, 4053688.2, 107.3, 107.3, 0.0);
( 280577.7, 4053688.2, 107.2, 107.2, 0.0);	





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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA \*\*\*

Surface file: Met Data\Fresno\_2013-2017.SFC Met Version: 18081  
 Profile file: Met Data\Fresno\_2013-2017.PFL  
 Surface format: FREE  
 Profile format: FREE  
 Surface station no.: 93193 Upper air station no.: 23230  
 Name: FRESNO/AIR\_TERMINAL Name: OAKLAND/WSO\_AP  
 Year: 2013 Year: 2013

First 24 hours of scalar data																						
YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT
13	01	01	1	01	-10.9	0.141	-9.000	-9.000	-999.	126.	23.0	0.07	2.38	1.00	1.89	113.	10.0	277.0	2.0			
13	01	01	1	02	-8.2	0.121	-9.000	-9.000	-999.	101.	19.6	0.07	2.38	1.00	1.65	105.	10.0	276.4	2.0			
13	01	01	1	03	-3.0	0.076	-9.000	-9.000	-999.	51.	13.2	0.07	2.38	1.00	0.97	95.	10.0	276.4	2.0			
13	01	01	1	04	-3.2	0.078	-9.000	-9.000	-999.	52.	13.4	0.08	2.38	1.00	0.99	63.	10.0	275.4	2.0			
13	01	01	1	05	-11.6	0.147	-9.000	-9.000	-999.	136.	24.9	0.11	2.38	1.00	1.81	27.	10.0	275.4	2.0			
13	01	01	1	06	-6.1	0.106	-9.000	-9.000	-999.	83.	17.5	0.10	2.38	1.00	1.35	46.	10.0	275.4	2.0			
13	01	01	1	07	-3.2	0.079	-9.000	-9.000	-999.	53.	13.9	0.10	2.38	1.00	0.94	56.	10.0	275.9	2.0			
13	01	01	1	08	-3.9	0.086	-9.000	-9.000	-999.	61.	15.0	0.11	2.38	0.65	1.06	2.	10.0	276.4	2.0			
13	01	01	1	09	7.5	-9.000	-9.000	-9.000	50.	-999.	-99999.0	0.13	2.38	0.36	0.00	0.	10.0	278.1	2.0			
13	01	01	1	10	58.7	0.121	0.640	0.005	161.	101.	-2.8	0.10	2.38	0.26	0.87	34.	10.0	280.9	2.0			
13	01	01	1	11	63.3	0.147	0.785	0.005	276.	135.	-4.5	0.17	2.38	0.22	0.97	261.	10.0	282.5	2.0			
13	01	01	1	12	75.8	0.188	1.109	0.007	649.	195.	-7.9	0.15	2.38	0.21	1.43	277.	10.0	283.8	2.0			
13	01	01	1	13	155.3	0.195	1.573	0.008	905.	207.	-4.3	0.15	2.38	0.21	1.35	275.	10.0	284.9	2.0			
13	01	01	1	14	137.7	0.226	1.535	0.007	947.	258.	-7.6	0.12	2.38	0.22	1.84	321.	10.0	285.9	2.0			
13	01	01	1	15	83.1	0.293	1.308	0.006	972.	380.	-27.2	0.12	2.38	0.26	2.78	312.	10.0	285.9	2.0			
13	01	01	1	16	26.9	0.396	0.901	0.006	979.	598.	-207.9	0.12	2.38	0.35	4.25	309.	10.0	285.4	2.0			
13	01	01	1	17	-43.4	0.472	-9.000	-9.000	-999.	778.	245.2	0.12	2.38	0.62	5.36	321.	10.0	282.5	2.0			
13	01	01	1	18	-29.4	0.292	-9.000	-9.000	-999.	406.	94.0	0.12	2.38	1.00	3.39	318.	10.0	281.4	2.0			
13	01	01	1	19	-25.7	0.255	-9.000	-9.000	-999.	311.	71.7	0.15	2.38	1.00	2.81	293.	10.0	280.9	2.0			
13	01	01	1	20	-26.2	0.258	-9.000	-9.000	-999.	315.	73.3	0.15	2.38	1.00	2.84	297.	10.0	279.2	2.0			
13	01	01	1	21	-25.0	0.246	-9.000	-9.000	-999.	293.	66.4	0.15	2.38	1.00	2.71	292.	10.0	278.1	2.0			
13	01	01	1	22	-11.2	0.146	-9.000	-9.000	-999.	138.	24.8	0.12	2.38	1.00	1.76	319.	10.0	277.5	2.0			
13	01	01	1	23	-6.7	0.113	-9.000	-9.000	-999.	91.	19.3	0.15	2.38	1.00	1.31	282.	10.0	277.5	2.0			
13	01	01	1	24	-1.9	0.069	-9.000	-9.000	-999.	44.	15.2	0.11	2.38	1.00	0.65	24.	10.0	275.9	2.0			

First hour of profile data  
 YR MO DY HR HEIGHT F WDIR WSPD AMB TMP sigmaA sigmaW sigmaV  
 13 01 01 01 10.0 1 113. 1.89 277.1 99.0 -99.00 -99.00

F indicates top of profile (=1) or below (=0)

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\*\*\* MODELOPTs: RegDFault CONC ELEV RURAL ADJ\_U\*

\*\*\* THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000148 , L0000149 , L0000150 , L0000151 , L0000152 ,  
 L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 ,  
 L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 ,  
 L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , . . .

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF SO2 IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
278888.03	4052818.23	28.11718	278938.03	4052818.23	28.62742
278988.03	4052818.23	26.94232	279288.03	4052818.23	31.46482
279338.03	4052818.23	32.15760	279388.03	4052818.23	32.90607
279438.03	4052818.23	33.73294	279488.03	4052818.23	34.69550
279538.03	4052818.23	35.84833	279588.03	4052818.23	37.25957
279638.03	4052818.23	38.98785	279688.03	4052818.23	41.10385
279738.03	4052818.23	43.76688	279788.03	4052818.23	46.52877
279838.03	4052818.23	49.37037	279888.03	4052818.23	52.42079
279938.03	4052818.23	55.28369	279988.03	4052818.23	57.67242
280038.03	4052818.23	59.62263	280088.03	4052818.23	60.99137
280138.03	4052818.23	61.64825	280188.03	4052818.23	61.51810
280238.03	4052818.23	60.60796	280288.03	4052818.23	59.00386
280338.03	4052818.23	56.83967	278888.03	4052868.23	30.90539
278938.03	4052868.23	31.51380	278988.03	4052868.23	29.60212
279288.03	4052868.23	34.86752	279338.03	4052868.23	35.67988
279388.03	4052868.23	36.57568	279438.03	4052868.23	37.59114
279488.03	4052868.23	38.76081	279538.03	4052868.23	40.16659
279588.03	4052868.23	41.88322	279638.03	4052868.23	43.96281
279688.03	4052868.23	46.76583	279738.03	4052868.23	50.01833
279788.03	4052868.23	53.19440	279838.03	4052868.23	56.60558
279888.03	4052868.23	60.26626	279938.03	4052868.23	63.38993
279988.03	4052868.23	65.93301	280038.03	4052868.23	67.83108
280088.03	4052868.23	68.89916	280138.03	4052868.23	69.01050
280188.03	4052868.23	68.13310	280238.03	4052868.23	66.34796
280288.03	4052868.23	63.81963	280338.03	4052868.23	60.74548
278888.03	4052918.23	34.12642	278938.03	4052918.23	34.86725
278988.03	4052918.23	32.77153	279288.03	4052918.23	38.92756
279338.03	4052918.23	39.87387	279388.03	4052918.23	40.92166
279438.03	4052918.23	42.15901	279488.03	4052918.23	43.60974
279538.03	4052918.23	45.38837	279588.03	4052918.23	47.53714
279638.03	4052918.23	50.11514	279688.03	4052918.23	53.72897
279738.03	4052918.23	57.55942	279788.03	4052918.23	61.46515
279838.03	4052918.23	65.57121	279888.03	4052918.23	69.86779
279938.03	4052918.23	73.25362	279988.03	4052918.23	75.88133
280038.03	4052918.23	77.49742	280088.03	4052918.23	77.98082
280138.03	4052918.23	77.20906	280188.03	4052918.23	75.24211
280238.03	4052918.23	72.27466	280288.03	4052918.23	68.57018
280338.03	4052918.23	64.39142	278888.03	4052968.23	37.86995
278938.03	4052968.23	38.79501	278988.03	4052968.23	36.63391
279288.03	4052968.23	43.80422	279338.03	4052968.23	44.92639

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000148 , L0000149 , L0000150 , L0000151 , L0000152 ,  
 L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 ,  
 L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 ,  
 L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , . . .

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF SO2 IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
279388.03	4052968.23	46.16692	279438.03	4052968.23	47.65906
279488.03	4052968.23	49.50479	279538.03	4052968.23	51.77868
279588.03	4052968.23	54.52778	279638.03	4052968.23	58.40486
279688.03	4052968.23	62.67642	279738.03	4052968.23	67.06601
279788.03	4052968.23	71.86091	279838.03	4052968.23	76.94509
279888.03	4052968.23	81.73282	279938.03	4052968.23	85.34762
279988.03	4052968.23	87.81767	280038.03	4052968.23	88.87058
280088.03	4052968.23	88.33143	280138.03	4052968.23	86.20543
280188.03	4052968.23	82.71051	280238.03	4052968.23	78.15169
280288.03	4052968.23	72.99623	280338.03	4052968.23	67.51916
278888.03	4053018.23	42.22585	278938.03	4053018.23	43.42918
278988.03	4053018.23	41.32757	279288.03	4053018.23	49.74159
279338.03	4053018.23	51.11619	279388.03	4053018.23	52.63423
279438.03	4053018.23	54.48454	279488.03	4053018.23	56.83649
279538.03	4053018.23	59.74858	279588.03	4053018.23	63.47880
279638.03	4053018.23	68.79196	279688.03	4053018.23	73.73356
279738.03	4053018.23	79.28423	279788.03	4053018.23	85.29501
279838.03	4053018.23	91.29871	279888.03	4053018.23	96.59931
279938.03	4053018.23	100.25904	279988.03	4053018.23	102.16778
280038.03	4053018.23	102.03774	280088.03	4053018.23	99.81683
280138.03	4053018.23	95.69552	280188.03	4053018.23	90.13295
280238.03	4053018.23	83.67036	280288.03	4053018.23	76.78622
278888.03	4053068.23	47.26586	278938.03	4053068.23	48.85831
278988.03	4053068.23	46.91891	279338.03	4053068.23	58.83145
279388.03	4053068.23	60.74981	279438.03	4053068.23	63.12767
279488.03	4053068.23	66.12806	279538.03	4053068.23	69.91900
279588.03	4053068.23	75.39528	279638.03	4053068.23	81.73634
279688.03	4053068.23	88.18300	279738.03	4053068.23	95.33110
279788.03	4053068.23	102.79878	279838.03	4053068.23	110.06968
279888.03	4053068.23	115.41855	279938.03	4053068.23	118.64037
279988.03	4053068.23	119.27453	280038.03	4053068.23	117.09783
280088.03	4053068.23	112.25389	280138.03	4053068.23	105.29395
280188.03	4053068.23	97.04806	280238.03	4053068.23	88.23354
278888.03	4053118.23	53.03525	278938.03	4053118.23	55.19651
278988.03	4053118.23	53.98980	279338.03	4053118.23	68.62139
279388.03	4053118.23	71.12606	279438.03	4053118.23	74.22290
279488.03	4053118.23	78.21634	279538.03	4053118.23	83.27343
279588.03	4053118.23	91.48533	279638.03	4053118.23	99.05449
279688.03	4053118.23	107.58722	279738.03	4053118.23	116.85930
279788.03	4053118.23	126.23757	279838.03	4053118.23	134.15482

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000148 , L0000149 , L0000150 , L0000151 , L0000152 ,  
 L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 ,  
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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF SO2 IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
279888.03	4053118.23	139.36483	279938.03	4053118.23	141.27683
279988.03	4053118.23	139.42551	280038.03	4053118.23	133.75949
280088.03	4053118.23	125.04016	280138.03	4053118.23	114.30108
280188.03	4053118.23	102.74781	280238.03	4053118.23	91.27009
278888.03	4053168.23	59.55498	278938.03	4053168.23	62.45812
278988.03	4053168.23	62.77092	279038.03	4053168.23	61.27627
279338.03	4053168.23	81.28178	279388.03	4053168.23	84.78915
279438.03	4053168.23	89.07391	279488.03	4053168.23	94.49622
279538.03	4053168.23	102.14014	279588.03	4053168.23	112.67262
279638.03	4053168.23	122.94883	279688.03	4053168.23	134.56488
279738.03	4053168.23	146.49244	279788.03	4053168.23	157.78699
280088.03	4053168.23	137.15015	280138.03	4053168.23	121.59017
278938.03	4053218.23	70.64657	278988.03	4053218.23	72.84353
279038.03	4053218.23	71.45394	279338.03	4053218.23	97.97016
279388.03	4053218.23	103.17935	279438.03	4053218.23	109.43247
279488.03	4053218.23	117.43133	279538.03	4053218.23	129.93286
279588.03	4053218.23	142.88772	279638.03	4053218.23	157.29716
279688.03	4053218.23	172.94137	279738.03	4053218.23	188.14030
279788.03	4053218.23	200.94651	278988.03	4053268.23	82.51917
279038.03	4053268.23	84.70082	278988.03	4053318.23	93.83048
279038.03	4053318.23	99.45940	279088.03	4053318.23	100.09417
279038.03	4053368.23	113.47150	279088.03	4053368.23	122.05308
279138.03	4053368.23	126.66440	279088.03	4053418.23	141.04286
279138.03	4053418.23	152.76133	279188.03	4053418.23	164.73346
279088.03	4053468.23	155.04548	279138.03	4053468.23	178.66628
279188.03	4053468.23	197.87747	279138.03	4053518.23	191.66016
279188.03	4053518.23	229.92283	279238.03	4053518.23	264.34032
279138.03	4053568.23	192.50336	279188.03	4053568.23	235.19878
279238.03	4053568.23	278.69790	279238.03	4053618.23	268.68443
279288.03	4053618.23	341.81494	279238.03	4053668.23	242.51601
279288.03	4053668.23	287.63627	279238.03	4053718.23	206.46453
279288.03	4053718.23	233.20875	279338.03	4053718.23	276.28109
279288.03	4053768.23	184.28839	279338.03	4053768.23	197.52629
280188.03	4053818.23	23.10946	280238.03	4053818.23	21.01543
280288.03	4053818.23	19.18029	280338.03	4053818.23	17.56060
280188.03	4053868.23	20.53725	280238.03	4053868.23	18.86682
280288.03	4053868.23	17.39065	280338.03	4053868.23	16.07038
280188.03	4053918.23	18.26062	280238.03	4053918.23	16.91220
280288.03	4053918.23	15.71799	280338.03	4053918.23	14.64513
279753.00	4053723.00	132.54148	279778.00	4053723.00	117.77637

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000148 , L0000149 , L0000150 , L0000151 , L0000152 ,  
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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF SO2 IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
279803.00	4053723.00	104.82124	279828.00	4053723.00	93.59116
279753.00	4053748.00	110.57253	279778.00	4053748.00	99.65191
279803.00	4053748.00	89.86875	279828.00	4053748.00	81.19121
279753.00	4053773.00	93.79226	279778.00	4053773.00	85.50755
279803.00	4053773.00	77.97057	279828.00	4053773.00	71.15503
279878.00	4053873.00	39.61202	279903.00	4053873.00	37.16941
279803.00	4053898.00	43.38870	279828.00	4053898.00	40.82145
279878.00	4053898.00	36.18733	279903.00	4053898.00	34.08445
279978.00	4053898.00	28.63140	279803.00	4053923.00	39.45354
279828.00	4053923.00	37.23682	279853.00	4053923.00	35.16162
279878.00	4053923.00	33.21667	279903.00	4053923.00	31.38678
279978.00	4053923.00	26.58759	279828.00	4053948.00	34.15415
279853.00	4053948.00	32.34368	279878.00	4053948.00	30.63700
279903.00	4053948.00	29.02492	279978.00	4053948.00	24.76849
280277.67	4053388.20	58.89883	280327.67	4053388.20	50.00261
280377.67	4053388.20	43.06280	280427.67	4053388.20	37.53534
280477.67	4053388.20	33.05451	280527.67	4053388.20	29.36825
280577.67	4053388.20	26.29681	280277.67	4053438.20	52.10694
280327.67	4053438.20	44.54907	280377.67	4053438.20	38.60139
280427.67	4053438.20	33.82459	280477.67	4053438.20	29.92605
280527.67	4053438.20	26.69822	280577.67	4053438.20	23.99131
280277.67	4053488.20	45.33275	280327.67	4053488.20	39.09149
280377.67	4053488.20	34.12274	280427.67	4053488.20	30.09210
280477.67	4053488.20	26.77375	280527.67	4053488.20	24.00530
280577.67	4053488.20	21.66882	280277.67	4053538.20	38.89000
280327.67	4053538.20	33.87664	280377.67	4053538.20	29.82632
280427.67	4053538.20	26.50155	280477.67	4053538.20	23.73513
280527.67	4053538.20	21.40665	280577.67	4053538.20	19.42559
280277.67	4053588.20	33.28224	280327.67	4053588.20	29.28911
280377.67	4053588.20	26.01496	280427.67	4053588.20	23.29424
280477.67	4053588.20	21.00524	280527.67	4053588.20	19.05939
280577.67	4053588.20	17.38915	280277.67	4053638.20	28.82651
280327.67	4053638.20	25.59622	280377.67	4053638.20	22.91159
280427.67	4053638.20	20.65334	280477.67	4053638.20	18.73507
280527.67	4053638.20	17.08963	280577.67	4053638.20	15.66730
280277.67	4053688.20	25.46748	280327.67	4053688.20	22.78755
280377.67	4053688.20	20.53075	280427.67	4053688.20	18.61014
280477.67	4053688.20	16.96303	280527.67	4053688.20	15.53932
280577.67	4053688.20	14.29936			

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\*\*\* MODELOPTS: RegDFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000148 , L0000149 , L0000150 , L0000151 , L0000152 ,  
 L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 ,  
 L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 ,  
 L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , . . .

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF SO2 IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
278888.03	4052818.23	1431.85787	278938.03	4052818.23	1441.67406
278988.03	4052818.23	1318.40930	279288.03	4052818.23	1536.91049
279338.03	4052818.23	1577.38749	279388.03	4052818.23	1559.12845
279438.03	4052818.23	1546.34769	279488.03	4052818.23	1572.03019
279538.03	4052818.23	1620.94457	279588.03	4052818.23	1643.49021
279638.03	4052818.23	1597.34232	279688.03	4052818.23	1573.45111
279738.03	4052818.23	1612.72888	279788.03	4052818.23	1627.91830
279838.03	4052818.23	1654.19124	279888.03	4052818.23	1619.61628
279938.03	4052818.23	1608.68051	279988.03	4052818.23	1610.49942
280038.03	4052818.23	1656.63509	280088.03	4052818.23	1673.03609
280138.03	4052818.23	1660.21766	280188.03	4052818.23	1629.88660
280238.03	4052818.23	1607.96610	280288.03	4052818.23	1576.07814
280338.03	4052818.23	1531.98662	278888.03	4052868.23	1491.69534
278938.03	4052868.23	1511.57356	278988.03	4052868.23	1370.13197
279288.03	4052868.23	1589.24485	279338.03	4052868.23	1641.73260
279388.03	4052868.23	1640.65992	279438.03	4052868.23	1637.43793
279488.03	4052868.23	1656.96558	279538.03	4052868.23	1712.30407
279588.03	4052868.23	1739.37128	279638.03	4052868.23	1691.80958
279688.03	4052868.23	1685.95216	279738.03	4052868.23	1724.22011
279788.03	4052868.23	1738.88613	279838.03	4052868.23	1762.32610
279888.03	4052868.23	1729.13399	279938.03	4052868.23	1713.02430
279988.03	4052868.23	1748.91314	280038.03	4052868.23	1799.23173
280088.03	4052868.23	1791.04581	280138.03	4052868.23	1769.89363
280188.03	4052868.23	1736.29143	280238.03	4052868.23	1706.97293
280288.03	4052868.23	1658.90093	280338.03	4052868.23	1625.35281
278888.03	4052918.23	1579.26995	278938.03	4052918.23	1582.12175
278988.03	4052918.23	1436.79019	279288.03	4052918.23	1650.11680
279338.03	4052918.23	1701.88072	279388.03	4052918.23	1729.58729
279438.03	4052918.23	1731.78487	279488.03	4052918.23	1748.88104
279538.03	4052918.23	1812.69453	279588.03	4052918.23	1847.43908
279638.03	4052918.23	1800.56935	279688.03	4052918.23	1815.58681
279738.03	4052918.23	1842.44666	279788.03	4052918.23	1873.29124
279838.03	4052918.23	1876.72356	279888.03	4052918.23	1859.57003
279938.03	4052918.23	1863.34564	279988.03	4052918.23	1932.01848
280038.03	4052918.23	1935.79346	280088.03	4052918.23	1921.94909
280138.03	4052918.23	1879.83833	280188.03	4052918.23	1859.39174
280238.03	4052918.23	1806.23785	280288.03	4052918.23	1767.52122
280338.03	4052918.23	1701.37550	278888.03	4052968.23	1674.37857
278938.03	4052968.23	1686.82286	278988.03	4052968.23	1525.42900
279288.03	4052968.23	1734.04864	279338.03	4052968.23	1774.09242

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\*\*\* MODELOPTS: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000148 , L0000149 , L0000150 , L0000151 , L0000152 ,  
 L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 ,  
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 L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , . . .

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF SO2 IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
279388.03	4052968.23	1821.17656	279438.03	4052968.23	1832.78499
279488.03	4052968.23	1852.47538	279538.03	4052968.23	1923.13392
279588.03	4052968.23	1968.33063	279638.03	4052968.23	1955.71305
279688.03	4052968.23	1968.57583	279738.03	4052968.23	1979.66230
279788.03	4052968.23	2030.45501	279838.03	4052968.23	2004.41304
279888.03	4052968.23	1995.91428	279938.03	4052968.23	2048.63976
279988.03	4052968.23	2108.64750	280038.03	4052968.23	2103.06892
280088.03	4052968.23	2058.88011	280138.03	4052968.23	2041.11457
280188.03	4052968.23	1988.05992	280238.03	4052968.23	1933.11073
280288.03	4052968.23	1858.76359	280338.03	4052968.23	1792.35868
278888.03	4053018.23	1765.21536	278938.03	4053018.23	1797.21734
278988.03	4053018.23	1622.38416	279288.03	4053018.23	1844.67444
279338.03	4053018.23	1866.72712	279388.03	4053018.23	1918.60376
279438.03	4053018.23	1950.11382	279488.03	4053018.23	1976.33593
279538.03	4053018.23	2048.91857	279588.03	4053018.23	2113.12948
279638.03	4053018.23	2125.36318	279688.03	4053018.23	2126.07845
279738.03	4053018.23	2145.91341	279788.03	4053018.23	2194.13937
279838.03	4053018.23	2164.33566	279888.03	4053018.23	2183.64911
279938.03	4053018.23	2281.02611	279988.03	4053018.23	2296.54408
280038.03	4053018.23	2275.30137	280088.03	4053018.23	2237.17083
280138.03	4053018.23	2191.71626	280188.03	4053018.23	2138.98292
280238.03	4053018.23	2054.94133	280288.03	4053018.23	1978.27044
278888.03	4053068.23	1839.04051	278938.03	4053068.23	1891.08486
278988.03	4053068.23	1727.78385	279338.03	4053068.23	1977.64442
279388.03	4053068.23	2026.33776	279438.03	4053068.23	2081.70434
279488.03	4053068.23	2112.39313	279538.03	4053068.23	2190.83194
279588.03	4053068.23	2298.16327	279638.03	4053068.23	2291.16591
279688.03	4053068.23	2307.86244	279738.03	4053068.23	2346.60751
279788.03	4053068.23	2374.33035	279838.03	4053068.23	2364.10192
279888.03	4053068.23	2449.65446	279938.03	4053068.23	2513.59925
279988.03	4053068.23	2512.42437	280038.03	4053068.23	2467.22655
280088.03	4053068.23	2432.89553	280138.03	4053068.23	2372.33718
280188.03	4053068.23	2278.70466	280238.03	4053068.23	2185.66989
278888.03	4053118.23	1950.21635	278938.03	4053118.23	1979.14270
278988.03	4053118.23	1845.93492	279338.03	4053118.23	2108.43201
279388.03	4053118.23	2142.88956	279438.03	4053118.23	2215.39981
279488.03	4053118.23	2270.23655	279538.03	4053118.23	2353.66439
279588.03	4053118.23	2531.07762	279638.03	4053118.23	2487.37042
279688.03	4053118.23	2522.76571	279738.03	4053118.23	2596.79037
279788.03	4053118.23	2583.61698	279838.03	4053118.23	2624.95855



\*\*\* THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000148 , L0000149 , L0000150 , L0000151 , L0000152 ,  
 L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 ,  
 L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 ,  
 L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , . . .

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF SO2 IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
279888.03	4053118.23	2749.61572	279938.03	4053118.23	2780.51740
279988.03	4053118.23	2734.94265	280038.03	4053118.23	2716.05986
280088.03	4053118.23	2656.59731	280138.03	4053118.23	2552.28795
280188.03	4053118.23	2437.21064	280238.03	4053118.23	2331.25942
278888.03	4053168.23	2151.99403	278938.03	4053168.23	2149.27574
278988.03	4053168.23	2023.17279	279038.03	4053168.23	1914.93498
279338.03	4053168.23	2237.50739	279388.03	4053168.23	2307.17581
279438.03	4053168.23	2371.94444	279488.03	4053168.23	2456.21459
279538.03	4053168.23	2572.34160	279588.03	4053168.23	2772.88222
279638.03	4053168.23	2734.29434	279688.03	4053168.23	2798.23204
279738.03	4053168.23	2877.50330	279788.03	4053168.23	2888.66595
280088.03	4053168.23	2887.39578	280138.03	4053168.23	2749.33803
278938.03	4053218.23	2400.46047	278988.03	4053218.23	2314.48287
279038.03	4053218.23	2123.11085	279338.03	4053218.23	2419.04384
279388.03	4053218.23	2482.77394	279438.03	4053218.23	2586.56704
279488.03	4053218.23	2681.96281	279538.03	4053218.23	2878.48680
279588.03	4053218.23	3071.14993	279638.03	4053218.23	3066.81677
279688.03	4053218.23	3186.10724	279738.03	4053218.23	3183.20616
279788.03	4053218.23	3286.70320	278988.03	4053268.23	2466.70330
279038.03	4053268.23	2446.73964	278988.03	4053318.23	2717.95518
279038.03	4053318.23	2745.32762	279088.03	4053318.23	2592.61757
279038.03	4053368.23	3010.46950	279088.03	4053368.23	3065.45515
279138.03	4053368.23	2965.00447	279088.03	4053418.23	3428.32338
279138.03	4053418.23	3457.24850	279188.03	4053418.23	3436.06842
279088.03	4053468.23	3763.29803	279138.03	4053468.23	4020.25778
279188.03	4053468.23	4031.23355	279138.03	4053518.23	4447.98138
279188.03	4053518.23	4808.69490	279238.03	4053518.23	4901.84307
279138.03	4053568.23	4773.74353	279188.03	4053568.23	5242.00769
279238.03	4053568.23	5416.53711	279238.03	4053618.23	5560.92425
279288.03	4053618.23	6017.14238	279238.03	4053668.23	5618.34650
279288.03	4053668.23	5923.34093	279238.03	4053718.23	5551.72683
279288.03	4053718.23	5864.71840	279338.03	4053718.23	6527.95334
279288.03	4053768.23	5673.53550	279338.03	4053768.23	5976.77308
280188.03	4053818.23	2098.94312	280238.03	4053818.23	2003.65040
280288.03	4053818.23	1894.36934	280338.03	4053818.23	1783.14856
280188.03	4053868.23	1869.82299	280238.03	4053868.23	1809.56966
280288.03	4053868.23	1763.15978	280338.03	4053868.23	1700.10520
280188.03	4053918.23	1687.79413	280238.03	4053918.23	1650.92317
280288.03	4053918.23	1584.12586	280338.03	4053918.23	1536.46677
279753.00	4053723.00	3888.06906	279778.00	4053723.00	3737.03486

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): L0000148 , L0000149 , L0000150 , L0000151 , L0000152 ,  
 L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 ,  
 L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 ,  
 L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , . . .

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF SO2 IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
279803.00	4053723.00	3633.31179	279828.00	4053723.00	3542.78628
279753.00	4053748.00	3478.53338	279778.00	4053748.00	3349.36729
279803.00	4053748.00	3260.61255	279828.00	4053748.00	3190.94431
279753.00	4053773.00	3066.69493	279778.00	4053773.00	2971.42625
279803.00	4053773.00	2938.86031	279828.00	4053773.00	2891.70278
279878.00	4053873.00	1870.98568	279903.00	4053873.00	1891.70567
279803.00	4053898.00	2026.71195	279828.00	4053898.00	1951.02543
279878.00	4053898.00	1794.00350	279903.00	4053898.00	1707.89692
279978.00	4053898.00	1769.13285	279803.00	4053923.00	1938.41805
279828.00	4053923.00	1875.99689	279853.00	4053923.00	1810.50390
279878.00	4053923.00	1741.33507	279903.00	4053923.00	1653.88319
279978.00	4053923.00	1596.00538	279828.00	4053948.00	1804.39056
279853.00	4053948.00	1739.44354	279878.00	4053948.00	1682.41600
279903.00	4053948.00	1615.55529	279978.00	4053948.00	1434.83928
280277.67	4053388.20	2620.65078	280327.67	4053388.20	2383.52445
280377.67	4053388.20	2174.86667	280427.67	4053388.20	2007.74995
280477.67	4053388.20	1876.10118	280527.67	4053388.20	1755.28572
280577.67	4053388.20	1636.44371	280277.67	4053438.20	2644.45183
280327.67	4053438.20	2411.02987	280377.67	4053438.20	2213.73449
280427.67	4053438.20	2032.55561	280477.67	4053438.20	1881.47669
280527.67	4053438.20	1747.94206	280577.67	4053438.20	1626.36597
280277.67	4053488.20	2591.23238	280327.67	4053488.20	2348.90940
280377.67	4053488.20	2148.09694	280427.67	4053488.20	1976.14839
280477.67	4053488.20	1832.14840	280527.67	4053488.20	1704.22800
280577.67	4053488.20	1589.29689	280277.67	4053538.20	2538.20272
280327.67	4053538.20	2321.84142	280377.67	4053538.20	2136.02161
280427.67	4053538.20	1974.86421	280477.67	4053538.20	1833.89697
280527.67	4053538.20	1709.47836	280577.67	4053538.20	1598.90026
280277.67	4053588.20	2363.92168	280327.67	4053588.20	2174.42343
280377.67	4053588.20	2009.00682	280427.67	4053588.20	1863.63977
280477.67	4053588.20	1735.18892	280527.67	4053588.20	1620.91260
280577.67	4053588.20	1518.74485	280277.67	4053638.20	2033.62124
280327.67	4053638.20	1875.73330	280377.67	4053638.20	1737.51259
280427.67	4053638.20	1617.00295	280477.67	4053638.20	1511.74121
280527.67	4053638.20	1416.89659	280577.67	4053638.20	1332.54993
280277.67	4053688.20	1952.71354	280327.67	4053688.20	1782.84040
280377.67	4053688.20	1650.48142	280427.67	4053688.20	1547.42036
280477.67	4053688.20	1452.36656	280527.67	4053688.20	1362.89054
280577.67	4053688.20	1279.18404			

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\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43824 HRS) RESULTS \*\*\*

\*\* CONC OF SO2 IN MICROGRAMS/M\*\*3 \*\*

GROUP ID	AVERAGE CONC	RECEPTOR	(XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS 341.81494 AT ( 279288.03, 4053618.23,		91.67, 91.67, 0.00)	DC	
	2ND HIGHEST VALUE IS 287.63627 AT ( 279288.03, 4053668.23,		92.02, 92.02, 0.00)	DC	
	3RD HIGHEST VALUE IS 278.69790 AT ( 279238.03, 4053568.23,		92.46, 96.08, 0.00)	DC	
	4TH HIGHEST VALUE IS 276.28109 AT ( 279338.03, 4053718.23,		91.84, 91.84, 0.00)	DC	
	5TH HIGHEST VALUE IS 268.68443 AT ( 279238.03, 4053618.23,		93.83, 95.81, 0.00)	DC	
	6TH HIGHEST VALUE IS 264.34032 AT ( 279238.03, 4053518.23,		91.53, 96.13, 0.00)	DC	
	7TH HIGHEST VALUE IS 242.51601 AT ( 279238.03, 4053668.23,		95.60, 95.60, 0.00)	DC	
	8TH HIGHEST VALUE IS 235.19878 AT ( 279188.03, 4053568.23,		96.83, 96.83, 0.00)	DC	
	9TH HIGHEST VALUE IS 233.20875 AT ( 279288.03, 4053718.23,		93.17, 93.17, 0.00)	DC	
	10TH HIGHEST VALUE IS 229.92283 AT ( 279188.03, 4053518.23,		96.22, 96.22, 0.00)	DC	

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* THE SUMMARY OF MAXIMUM 1ST-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER 5 YEARS \*\*\*

\*\* CONC OF SO2 IN MICROGRAMS/M\*\*3 \*\*

GROUP ID	AVERAGE CONC	RECEPTOR	(XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS 6527.95334 AT ( 279338.03, 4053718.23,		91.84, 91.84, 0.00)	DC	
	2ND HIGHEST VALUE IS 6017.14238 AT ( 279288.03, 4053618.23,		91.67, 91.67, 0.00)	DC	
	3RD HIGHEST VALUE IS 5976.77308 AT ( 279338.03, 4053768.23,		92.27, 104.99, 0.00)	DC	
	4TH HIGHEST VALUE IS 5923.34093 AT ( 279288.03, 4053668.23,		92.02, 92.02, 0.00)	DC	
	5TH HIGHEST VALUE IS 5864.71840 AT ( 279288.03, 4053718.23,		93.17, 93.17, 0.00)	DC	
	6TH HIGHEST VALUE IS 5673.53550 AT ( 279288.03, 4053768.23,		94.81, 104.99, 0.00)	DC	
	7TH HIGHEST VALUE IS 5618.34650 AT ( 279238.03, 4053668.23,		95.60, 95.60, 0.00)	DC	
	8TH HIGHEST VALUE IS 5560.92425 AT ( 279238.03, 4053618.23,		93.83, 95.81, 0.00)	DC	
	9TH HIGHEST VALUE IS 5551.72683 AT ( 279238.03, 4053718.23,		96.55, 96.55, 0.00)	DC	
	10TH HIGHEST VALUE IS 5416.53711 AT ( 279238.03, 4053568.23,		92.46, 96.08, 0.00)	DC	

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Lakes\Project Files\Reedly\Reedly.isc  
\*\*\* AERMET - VERSION 18081 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ\_U\*

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 3 Warning Message(s)  
A Total of 2426 Informational Message(s)  
  
A Total of 43824 Hours Were Processed  
  
A Total of 1891 Calm Hours Identified  
  
A Total of 535 Missing Hours Identified ( 1.22 Percent)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
CO W361 25 COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2 require MULTYEAR Opt  
ME W186 760 MEOPEN: THRESH\_LMIN 1-min ASOS wind speed threshold used 0.50  
ME W187 760 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET

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\*\*\* AERMOD Finishes Successfully \*\*\*  
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