Appendix A

Air Quality and Greenhouse Gas Modeling

Red Eye Kite
Assumptions

		Sq Ft	Ksf	acre		
Existing						
	warehouse	4000	4	0.72		
Upgrades						
	existing warehouse	4000	4	0.69		
	New additions	160	0.16			
	Generator pad	62.5	0.06	0.03		
	Transformer pad	60.625	0.06			
	AC (restriping parking spaces)				16	spaces
	Block wall removal				~20	foot long
	Building Height	19	feet			
Employees		18	max			

Construction Assumptions

Existing warehouse Upgrades All internal upgrades would require no diesel equipment.

New Addition

		sqft	spaces
Demolition	50'x8'	400	
	70'x5'	350	
	5'x100'	500	
		62.5	
		60.625	
		1,373	
Grading		**1,250**	
BC		160	
AC		0.16	
AC (Paving)		384	16

Operational Assumptions

Hours of operation	9:00 AM	9:00 PM	Monday through Saturday	
Max employees	18			

Trips and VMT	18	employees			
	45	daily trips			
Vendors	2	trucks per day			
	4	trips per day			
Total	49	trips per day			
	11.77884615	trips pr ksf			
	0.918367347	% passenger	Default	% Default	% Project
		LDA	0.495909	0.62950828	0.57811985
		LDT1	0.053751	0.06823167	0.06266174
		LDT2	0.20771	0.26366766	0.24214377
		MCY	0.030402	0.03859238	0.03544199
	0.081632653	% HHT			

Generator	107 - 130	kW	Standby
	175	hp	Standby
	Tier 4		

Tier 4 Emission Factors

TOG_EF	0.00247	lb/hp-hr
ROG_EF	0.002248	lb/hp-hr
CO_EF	1.4	g/hp-hr
NOX_EF	0.54	g/hp-hr
SO2_EF	0.0049	g/hp-hr
PM10_EF	0.02	g/hp-hr
PM2_5_EF	0.02	g/hp-hr
CO2_EF	1.15	lb/hp-hr
CH4_EF	0.073134	g/hp-hr

1 Assumes max testing 2 hrs per month, 50 hours per year.

2 EPA T4 Final Emission Limits

Red Eye Kite
Air Quality Construction Emissions Summary

	Maximum Daily Emissions (tons/yr)					
Emission Source	**ROC**	**NO_X**	**CO**	**SO_2**	**PM_{10}**	**$PM_{2.5}$**
2022	<1	<1	<1	<1	<1	<1
2023	<1	<1	<1	<1	<1	<1
Indoor (2023)	<1	<1	<1	<1	<1	<1
Project Emissions	<1	<1	<1	<1	<1	<1
SBCAPCD Total Emissions Thresholds	25	25	**N/A**	25	25	25
Threshold Exceeded?	**No**	**No**	**N/A**	**No**	**No**	**No**

Construction Summary for Outdoor Renovations and additions

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Year	tons/yr									
2022	0.0155	0.1521	0.1535	2.60E-04	3.93E-03	7.84E-03	0.0118	1.53E-03	7.27E-03	8.80E-03
2023	0.0268	0.2237	0.2519	4.20E-04	1.94E-03	0.0111	0.013	5.20E-04	0.0102	0.0107
Total	**0.0423**	**0.3758**	**0.4054**	**0.00068**	**0.00587**	**0.01894**	**0.0248**	**0.00205**	**0.01747**	**0.0195**

Worker & Vendor for Indoor Renovations

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
	outside Building Construction (tons/yr)									
100 days vendor	3.00E-05	9.30E-04	3.00E-04	0	9.00E-05	1.00E-05	1.00E-04	3.00E-05	1.00E-05	4.00E-05
100 days worker	3.50E-04	2.70E-04	2.72E-03	1.00E-05	7.90E-04	0	7.90E-04	2.10E-04	0	2.10E-04
	inside Renovations (tons/yr)									
160 days vendor	9.60E-05	2.98E-03	9.60E-04	0.00E+00	2.88E-04	3.20E-05	3.20E-04	9.60E-05	3.20E-05	1.28E-04
160 days worker	1.12E-03	8.64E-04	8.70E-03	3.20E-05	2.53E-03	0.00E+00	2.53E-03	6.72E-04	0.00E+00	6.72E-04
Total	**1.22E-03**	**0.00384**	**0.009664**	**0.000032**	**0.002816**	**0.000032**	**0.002848**	**0.000768**	**0.000032**	**0.0008**

Note: Assumes 260 days construction activities total for outdoor and indoor renovation activities. Assumes double the worker and vendor activitiey for indoor renovations on an average day than outside work.

Red Eye Kite
GHG Construction Emissions Summary

	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	MT/yr					
2022	0	22.7972	22.7972	6.27E-03	1.10E-04	22.9857
2023	0	36.6686	36.6686	0.0111	1.40E-04	36.9877
Indoor (2023)	0.00E+00	2.96E+00	2.96E+00	1.28E-04	1.92E-04	3.03E+00
Total	**0**	**62.42772**	**62.42772**	**0.017498**	**0.000442**	**63.0022**
Amortized						**2.100073333**

Worker & Vendor for Indoor Renovations

	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	outside Building Construction (tons/yr)					
100 days vendor	0	0.3007	0.3007	1.00E-05	4.00E-05	0.3142
100 days worker	0	0.6249	0.6249	3.00E-05	2.00E-05	0.6323
	inside Renovations (tons/yr)					
160 days vendor	0.00E+00	9.62E-01	9.62E-01	3.20E-05	1.28E-04	1.01E+00
160 days worker	0.00E+00	2.00E+00	2.00E+00	9.60E-05	6.40E-05	2.02E+00
Total	**0.00E+00**	**2.96192**	**2.96192**	**0.000128**	**0.000192**	**3.03E+00**

Note: Assumes 260 days construction activities total for outdoor and indoor renovation activities. Assumes double the worker and vendor activitiey for indoor renovations on an average day than outside work.

Red Eye Kite
Air Quality Operational Emissions Summary

	Maximum Daily Emissions (lbs/day)					
Emission Source	**ROC**	**NO_X**	**CO**	**SO_2**	**PM_{10}**	**$PM_{2.5}$**
Area	<1	0	<1	0	0	0
Energy	<1	<1	<1	<1	<1	<1
Mobile	<1	<1	1	<1	<1	<1
Stationary	1	<1	1	<1	<1	<1
Project Emissions	1	1	2	<1	<1	<1
SBCAPCD Total Emissions Thresholds	240	240	None	None	80	None
Threshold Exceeded?	**No**	**No**	**N/A**	**N/A**	**Yes**	**N/A**
SBCAPCD Mobile Emissions Thresholds	25	25	None	None	None	None
Threshold Exceeded?	**No**	**No**	**N/A**	**N/A**	**N/A**	**N/A**

Max lbs/day - CalEEMod

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	lbs/day									
Area	0.1155	0	0.00042	0	0	0	0	0	0	0
Energy	0.00322	0.0293	0.0246	0.00018	0	0.00222	0.00222	0	0.00222	0.00222
Mobile	0.1341	0.3006	1.103	0.0023	0.2196	0.0024	0.222	0.0583	0.00226	0.0606
Stationary	0.5744	0.3042	0.7886	0.00276	0	0.0113	0.0113	0	0.0113	0.0113
Total	**0.8271**	**0.6521**	**2.0225**	**0.00524**	**0.2196**	**0.0159**	**0.2355**	**0.0583**	**0.0158**	**0.074**

Red Eye Kite
Air Quality Operational Emissions Summary

Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	lbs/day									
Area	0.1155	0	4.20E-04	0		0	0		0	0
Energy	3.22E-03	0.0293	0.0246	1.80E-04		2.22E-03	2.22E-03		2.22E-03	2.22E-03
Mobile	0.1341	0.3006	1.103	2.30E-03	0.2196	2.40E-03	0.222	0.0583	2.26E-03	0.0606
Stationary	0.5744	0.3042	0.7886	2.76E-03		0.0113	0.0113		0.0113	0.0113
Total	**0.8271**	**0.6341**	**1.9166**	**5.24E-03**	**0.2196**	**0.0159**	**0.2355**	**0.0583**	**0.0158**	**0.074**

Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total
Category	lbs/day									
Area	0.1155	0	4.20E-04	0		0	0		0	0
Energy	3.22E-03	0.0293	0.0246	1.80E-04		2.22E-03	2.22E-03		2.22E-03	2.22E-03
Mobile	0.1323	0.3187	1.2089	2.27E-03	0.2196	2.40E-03	0.222	0.0583	2.27E-03	0.0606
Stationary	0.5744	0.3042	0.7886	2.76E-03		0.0113	0.0113		0.0113	0.0113
Total	**0.8254**	**0.6521**	**2.0225**	**5.21E-03**	**0.2196**	**0.0159**	**0.2355**	**0.0583**	**0.0158**	**0.074**

Red Eye Kite
GHG Operational Emissions Summary

Emission Source	Annual Emissions (CO_2e MT)
Area	<1
Energy	9
Mobile	35
Stationary	3
Waste	2
Water	1
Total Operational	51
Amortized Construction	2
Total Project	53
SB County Threshold	1,000
Exceed Threshold	No

Max tons/year - CalEEMod

	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	MT/yr					
Area	0	7.00E-05	7.00E-05	0	0	8.00E-05
Energy	0	8.9295	8.9295	6.20E-04	1.70E-04	8.9948
Mobile	0	34.1705	34.1705	2.98E-03	2.95E-03	35.1249
Stationary	0	3.332	3.332	4.70E-04	0	3.3437
Waste	1.0715	0	1.0715	0.0531	0	2.3999
Water	0.3404	0.4816	0.822	1.25E-03	7.50E-04	1.0766
Total	**1.4119**	**46.91367**	**48.32557**	**0.05842**	**0.00387**	**5.09E+01**

Red Eye Kite
GHG Operational Emissions Summary

Do Not Print

Red Eye Kite
Energy Consumption Summary

	CalEEMod Output	Unit	Conversion Rate	MMBTU	Conversion Rate	Therms
Natural Gas	208,909	KBTU	0.001	209	0.010002388	2,090
Electricity	33,696	kWh	0.00341214	115		
Construction Gasoline				73		
Construction Diesel				2,623		
Operational Gasoline				446		
Operational Diesel				134		
Total MMBTU				**3,600**		

Source: Energy Consumption Information extracted from CalEEMod Output

Red Eye Kite

Construction Fuel Usage

Last Updated: 10/8/2022

Compression-Ignition Engine Brake-Specific Fuel Consumption (BSFC) Factors **[1]**:

HP: 0 to 100	0.0588	HP: Greater than 100	0.0529

Values above are expressed in gallons per horsepower-hour/BSFC.

CONSTRUCTION EQUIPMENT

Construction Equipment	#	Hours per Day	Horsepower	Load Factor	Construction Phase	Fuel Used (gallons)
Concrete/Industrial Saws	1	8	81	0.73	Demolition Phase	2,779.78
Rubber Tired Dozers	1	1	247	0.4	Demolition Phase	522.25
Tractors/Loaders/Backhoes	1	6	97	0.37	Demolition Phase	1,265.43
Graders	1	6	187	0.41	Grading Phase	2,431.62
Rubber Tired Dozers	1	6	247	0.4	Grading Phase	3,133.48
Tractors/Loaders/Backhoes	1	7	97	0.37	Grading Phase	1,476.33
Cranes	1	4	231	0.29	Building Construction Phase	1,416.41
Forklifts	2	6	89	0.2	Building Construction Phase	1,255.20
Tractors/Loaders/Backhoes	2	8	97	0.37	Building Construction Phase	3,374.48
Air Compressors	1	6	78	0.48	Architectural Coating Phase	1,320.08
					Total Fuel Used	**18,975.06**
						(Gallons)

Construction Phase	Days of Operation
Demolition Phase	10
Site Preparation Phase	
Grading Phase	2
Building Construction Phase	100
Paving Phase	
Architectural Coating Phase	5
Total Days	117

WORKER TRIPS

Constuction Phase	MPG [2]	Trips	Trip Length (miles)	Fuel Used (gallons)
Demolition Phase	24.2	8	8.3	274.38
Grading Phase	24.2	8	8.3	13.72
Building Construction Phase	24.2	8	8.3	321.02
Architectural Coating Phase	24.2	4	8.3	0.00
			Total	**609.12**

HAULING AND VENDOR TRIPS

Trip Class	MPG [2]	Trips	Trip Length (miles)	Fuel Used (gallons)
HAULING TRIPS				
Demolition Phase	6.5	6	20.0	18.46
			Total	**18.46**
VENDOR TRIPS				
Building Construction Phase	6.5	1	6.4	98.46
			Total	**98.46**

Red Eye Kite

Construction Fuel Usage

Last Updated: 10/8/2022

Construction Fuel Consumption Totals

Total Gasoline Consumption (gallons)	**609.12**
Total MMBTU[3] (Gasoline)	**73.24**
Total Diesel Consumption (gallons)	**19,091.99**
Total MMBTU[3] (Diesel)	**2,622.88**

Sources:

[1] United States Environmental Protection Agency. 2018. *Exhaust and Crankcase Emission Factors for Nonroad Compression-Ignition Engines in MOVES2014b* . July 2018. Available at: https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100UXEN.pdf.

[2] United States Department of Energy Energy Efficiency & Renewable Energy. 2020. https://afdc.energy.gov/data.

[3] U.S. Energy Information Administration. 2022. https://www.eia.gov/energyexplained/units-and-calculators/. (1 gallon of gas = 120,238 BTU; 1 gallon of diesel = 137,381 BTU)

Red Eye Kite

Operational Fuel Usage

Last Updated: 10/8/2022

Populate one of the following tables (Leave the other blank):

Annual VMT		OR	Daily Vehicle Trips	
Annual VMT:	89,383		Daily Vehicle Trips:	
			Average Trip Distance:	

Fleet Class	Fleet Mix
Light Duty Auto (LDA)	0.578120
Light Duty Truck 1 (LDT1)	0.062662
Light Duty Truck 2 (LDT2)	0.242144
Medium Duty Vehicle (MDV)	0.000000
Light Heavy Duty 1 (LHD1)	0.000000
Light Heavy Duty 2 (LHD2)	0.000000
Medium Heavy Duty (MHD)	0.000000
Heavy Heavy Duty (HHD)	0.081633
Other Bus (OBUS)	0.000000
Urban Bus (UBUS)	0.000000
Motorcycle (MCY)	0.035442
School Bus (SBUS)	0.000000
Motorhome (MH)	0.000000

Fuel Economy (MPG) [1]	
Passenger Vehicles	24.4
Light-Med Duty Trucks	17.9
Heavy Trucks/Other	7.5
Motorcycles	44

Fleet Mix

Vehicle Type	Percent	Fuel Type	Annual VMT: VMT	Vehicle Trips: VMT	Fuel Consumption (Gallons)
Passenger Vehicles	*57.81%*	*Gasoline*	51674	0.00	2117.79
Light-Medium Duty Trucks	*30.48%*	*Gasoline*	27244	0.00	1522.04
Heavy Trucks/Other	*8.16%*	*Diesel*	7297	0.00	972.88
Motorcycle	*3.54%*	*Gasoline*	3168	0.00	72.00

Total Gasoline Consumption (gallons)	**3711.83**
Total MMBTU[2] (Gasoline)	**446.30**
Total Diesel Consumption (gallons)	**972.88**
Total MMBTU[2] (Diesel)	**133.66**

Sources:

[1] United States Department of Transportation, Bureau of Transportation Statistics. 2019. National Transportation Statistics 2019. Available at: https://www.bts.gov/topics/national-transportation-statistics.

[2] U.S. Energy Information Administration. 2022. https://www.eia.gov/energyexplained/units-and-calculators/. (1 gallon of gas = 120,238 BTU; 1 gallon of diesel = 137,381 BTU)

RedEyeKite - Construction - Santa Barbara-North of Santa Ynez County, Annual

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

RedEyeKite - Construction

Santa Barbara-North of Santa Ynez County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	0.16	1000sqft	0.03	160.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.1	**Precipitation Freq (Days)**	37
Climate Zone	4			**Operational Year**	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - See Assumptions

Land Use - See Assumptions - Lot acerage = acreage of fine grading.

Construction Phase - Construction phasing only accounts for external work. Internal work assumes no diesel equipment used. Default days of construction used. Schedule adjusted for continuity.

Off-road Equipment - Small area, only one tractor/loader/backhoe anticipated with other equipment.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Demolition - Assumed "building" for conservative estimate of debris removed from removing of existing pavement and block walls.

Trips and VMT - Similar equipment usage for BC so similar worker trips added also assumes 1 vendor trip per day for concrete or other materials, AC assumes 2 people.

Architectural Coating - square footage for pakring area is for re-striping of existing parking spaces.

Vehicle Trips - ops modeled separately

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

Consumer Products - ops modeled separately

Area Coating - ops modeled separately

Landscape Equipment - ops modeled separately

Energy Use - ops modeled separately

Water And Wastewater - ops modeled separately

Solid Waste - ops modeled separately

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Parking	0.00	384.00
tblAreaCoating	ReapplicationRatePercent	10	0
tblConstructionPhase	PhaseEndDate	4/20/2023	4/7/2023
tblConstructionPhase	PhaseEndDate	4/6/2023	4/5/2023
tblConstructionPhase	PhaseEndDate	11/17/2022	11/16/2022
tblConstructionPhase	PhaseStartDate	4/14/2023	4/1/2023
tblConstructionPhase	PhaseStartDate	11/18/2022	11/17/2022
tblConstructionPhase	PhaseStartDate	11/16/2022	11/15/2022
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	3.08	0.00
tblEnergyUse	NT24E	3.70	0.00
tblEnergyUse	NT24NG	6.67	0.00
tblEnergyUse	T24E	1.32	0.00
tblEnergyUse	T24NG	19.51	0.00
tblLandscapeEquipment	NumberSummerDays	180	0
tblLandUse	LotAcreage	0.00	0.03
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblSolidWaste	SolidWasteGenerationRate	0.20	0.00

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

tblTripsAndVMT	VendorTripNumber	0.00	1.00
tblTripsAndVMT	WorkerTripNumber	0.00	8.00
tblTripsAndVMT	WorkerTripNumber	0.00	4.00
tblVehicleTrips	ST_TR	1.99	0.00
tblVehicleTrips	SU_TR	5.00	0.00
tblVehicleTrips	WD_TR	4.96	0.00
tblWater	IndoorWaterUseRate	37,000.00	0.00

2.0 Emissions Summary

RedEyeKite - Construction - Santa Barbara-North of Santa Ynez County, Annual

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

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					
2022	0.0155	0.1521	0.1535	2.6000e-004	7.2400e-003	7.8400e-003	0.0151	3.0000e-003	7.2700e-003	0.0103	0.0000	22.7972	22.7972	6.2700e-003	1.1000e-004	22.9857
2023	0.0268	0.2237	0.2519	4.2000e-004	1.9400e-003	0.0111	0.0130	5.2000e-004	0.0102	0.0107	0.0000	36.6686	36.6686	0.0111	1.4000e-004	36.9877
Maximum	**0.0268**	**0.2237**	**0.2519**	**4.2000e-004**	**7.2400e-003**	**0.0111**	**0.0151**	**3.0000e-003**	**0.0102**	**0.0107**	**0.0000**	**36.6686**	**36.6686**	**0.0111**	**1.4000e-004**	**36.9877**

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					
2022	0.0155	0.1521	0.1535	2.6000e-004	3.9300e-003	7.8400e-003	0.0118	1.5300e-003	7.2700e-003	8.8000e-003	0.0000	22.7972	22.7972	6.2700e-003	1.1000e-004	22.9857
2023	0.0268	0.2237	0.2519	4.2000e-004	1.9400e-003	0.0111	0.0130	5.2000e-004	0.0102	0.0107	0.0000	36.6685	36.6685	0.0111	1.4000e-004	36.9877
Maximum	**0.0268**	**0.2237**	**0.2519**	**4.2000e-004**	**3.9300e-003**	**0.0111**	**0.0130**	**1.5300e-003**	**0.0102**	**0.0107**	**0.0000**	**36.6685**	**36.6685**	**0.0111**	**1.4000e-004**	**36.9877**

RedEyeKite - Construction - Santa Barbara-North of Santa Ynez County, Annual

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	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**36.06**	**0.00**	**11.78**	**41.76**	**0.00**	**7.00**	**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	**11-1-2022**	**1-31-2023**	0.2435	0.2435
2	**2-1-2023**	**4-30-2023**	0.1710	0.1710
		Highest	0.2435	0.2435

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	0.0000	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
Energy	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
Mobile	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
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**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**

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

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	0.0000	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
Energy	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
Mobile	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
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**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**

	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	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	11/1/2022	11/14/2022	5	10	
2	Grading	Grading	11/15/2022	11/16/2022	5	2	
3	Building Construction	Building Construction	11/17/2022	4/5/2023	5	100	

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

4	Architectural Coating	Architectural Coating	4/1/2023	4/7/2023	5	5	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 1.5

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 240; Non-Residential Outdoor: 80; Striped Parking Area: 384 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Grading	Graders	1	6.00	187	0.41
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37

Trips and VMT

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
Demolition	3	8.00	0.00	6.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	3	8.00	0.00	0.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	8.00	1.00	0.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	4.00	0.00	0.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT

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

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2022

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					7.0000e-004	0.0000	7.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9300e-003	0.0258	0.0290	5.0000e-005		1.3500e-003	1.3500e-003		1.3000e-003	1.3000e-003	0.0000	4.1820	4.1820	6.3000e-004	0.0000	4.1977
Total	**2.9300e-003**	**0.0258**	**0.0290**	**5.0000e-005**	**7.0000e-004**	**1.3500e-003**	**2.0500e-003**	**1.1000e-004**	**1.3000e-003**	**1.4100e-003**	**0.0000**	**4.1820**	**4.1820**	**6.3000e-004**	**0.0000**	**4.1977**

RedEyeKite - Construction - Santa Barbara-North of Santa Ynez County, Annual

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

3.2 Demolition - 2022

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	1.0000e-005	5.9000e-004	1.4000e-004	0.0000	5.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.1936	0.1936	1.0000e-005	3.0000e-005	0.2031
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	1.1000e-004	8.0000e-005	8.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1953	0.1953	1.0000e-005	1.0000e-005	0.1976
Total	**1.2000e-004**	**6.7000e-004**	**9.9000e-004**	**0.0000**	**3.0000e-004**	**0.0000**	**3.1000e-004**	**8.0000e-005**	**0.0000**	**9.0000e-005**	**0.0000**	**0.3889**	**0.3889**	**2.0000e-005**	**4.0000e-005**	**0.4007**

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					3.1000e-004	0.0000	3.1000e-004	5.0000e-005	0.0000	5.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.9300e-003	0.0258	0.0290	5.0000e-005		1.3500e-003	1.3500e-003		1.3000e-003	1.3000e-003	0.0000	4.1820	4.1820	6.3000e-004	0.0000	4.1977
Total	**2.9300e-003**	**0.0258**	**0.0290**	**5.0000e-005**	**3.1000e-004**	**1.3500e-003**	**1.6600e-003**	**5.0000e-005**	**1.3000e-003**	**1.3500e-003**	**0.0000**	**4.1820**	**4.1820**	**6.3000e-004**	**0.0000**	**4.1977**

RedEyeKite - Construction - Santa Barbara-North of Santa Ynez County, Annual

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

3.2 Demolition - 2022

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	1.0000e-005	5.9000e-004	1.4000e-004	0.0000	5.0000e-005	0.0000	6.0000e-005	1.0000e-005	0.0000	2.0000e-005	0.0000	0.1936	0.1936	1.0000e-005	3.0000e-005	0.2031
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	1.1000e-004	8.0000e-005	8.5000e-004	0.0000	2.5000e-004	0.0000	2.5000e-004	7.0000e-005	0.0000	7.0000e-005	0.0000	0.1953	0.1953	1.0000e-005	1.0000e-005	0.1976
Total	**1.2000e-004**	**6.7000e-004**	**9.9000e-004**	**0.0000**	**3.0000e-004**	**0.0000**	**3.1000e-004**	**8.0000e-005**	**0.0000**	**9.0000e-005**	**0.0000**	**0.3889**	**0.3889**	**2.0000e-005**	**4.0000e-005**	**0.4007**

3.3 Grading - 2022

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					5.3100e-003	0.0000	5.3100e-003	2.5700e-003	0.0000	2.5700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0800e-003	0.0120	5.9400e-003	1.0000e-005		5.2000e-004	5.2000e-004		4.8000e-004	4.8000e-004	0.0000	1.2381	1.2381	4.0000e-004	0.0000	1.2482
Total	**1.0800e-003**	**0.0120**	**5.9400e-003**	**1.0000e-005**	**5.3100e-003**	**5.2000e-004**	**5.8300e-003**	**2.5700e-003**	**4.8000e-004**	**3.0500e-003**	**0.0000**	**1.2381**	**1.2381**	**4.0000e-004**	**0.0000**	**1.2482**

RedEyeKite - Construction - Santa Barbara-North of Santa Ynez County, Annual

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

3.3 Grading - 2022

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	2.0000e-005	2.0000e-005	1.7000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0391	0.0391	0.0000	0.0000	0.0395
Total	**2.0000e-005**	**2.0000e-005**	**1.7000e-004**	**0.0000**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0391**	**0.0391**	**0.0000**	**0.0000**	**0.0395**

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					2.3900e-003	0.0000	2.3900e-003	1.1600e-003	0.0000	1.1600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.0800e-003	0.0120	5.9400e-003	1.0000e-005		5.2000e-004	5.2000e-004		4.8000e-004	4.8000e-004	0.0000	1.2381	1.2381	4.0000e-004	0.0000	1.2482
Total	**1.0800e-003**	**0.0120**	**5.9400e-003**	**1.0000e-005**	**2.3900e-003**	**5.2000e-004**	**2.9100e-003**	**1.1600e-003**	**4.8000e-004**	**1.6400e-003**	**0.0000**	**1.2381**	**1.2381**	**4.0000e-004**	**0.0000**	**1.2482**

RedEyeKite - Construction - Santa Barbara-North of Santa Ynez County, Annual

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

3.3 Grading - 2022

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	2.0000e-005	2.0000e-005	1.7000e-004	0.0000	5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0391	0.0391	0.0000	0.0000	0.0395
Total	**2.0000e-005**	**2.0000e-005**	**1.7000e-004**	**0.0000**	**5.0000e-005**	**0.0000**	**5.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0391**	**0.0391**	**0.0000**	**0.0000**	**0.0395**

3.4 Building Construction - 2022

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	0.0110	0.1124	0.1144	1.8000e-004		5.9500e-003	5.9500e-003		5.4700e-003	5.4700e-003	0.0000	16.0236	16.0236	5.1800e-003	0.0000	16.1532
Total	**0.0110**	**0.1124**	**0.1144**	**1.8000e-004**		**5.9500e-003**	**5.9500e-003**		**5.4700e-003**	**5.4700e-003**	**0.0000**	**16.0236**	**16.0236**	**5.1800e-003**	**0.0000**	**16.1532**

RedEyeKite - Construction - Santa Barbara-North of Santa Ynez County, Annual

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

3.4 Building Construction - 2022

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	3.0000e-005	9.3000e-004	3.0000e-004	0.0000	9.0000e-005	1.0000e-005	1.0000e-004	3.0000e-005	1.0000e-005	4.0000e-005	0.0000	0.3007	0.3007	1.0000e-005	4.0000e-005	0.3142
Worker	3.5000e-004	2.7000e-004	2.7200e-003	1.0000e-005	7.9000e-004	0.0000	7.9000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.6249	0.6249	3.0000e-005	2.0000e-005	0.6323
Total	**3.8000e-004**	**1.2000e-003**	**3.0200e-003**	**1.0000e-005**	**8.8000e-004**	**1.0000e-005**	**8.9000e-004**	**2.4000e-004**	**1.0000e-005**	**2.5000e-004**	**0.0000**	**0.9255**	**0.9255**	**4.0000e-005**	**6.0000e-005**	**0.9464**

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	0.0110	0.1124	0.1144	1.8000e-004		5.9500e-003	5.9500e-003		5.4700e-003	5.4700e-003	0.0000	16.0236	16.0236	5.1800e-003	0.0000	16.1532
Total	**0.0110**	**0.1124**	**0.1144**	**1.8000e-004**		**5.9500e-003**	**5.9500e-003**		**5.4700e-003**	**5.4700e-003**	**0.0000**	**16.0236**	**16.0236**	**5.1800e-003**	**0.0000**	**16.1532**

RedEyeKite - Construction - Santa Barbara-North of Santa Ynez County, Annual

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

3.4 Building Construction - 2022

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	3.0000e-005	9.3000e-004	3.0000e-004	0.0000	9.0000e-005	1.0000e-005	1.0000e-004	3.0000e-005	1.0000e-005	4.0000e-005	0.0000	0.3007	0.3007	1.0000e-005	4.0000e-005	0.3142
Worker	3.5000e-004	2.7000e-004	2.7200e-003	1.0000e-005	7.9000e-004	0.0000	7.9000e-004	2.1000e-004	0.0000	2.1000e-004	0.0000	0.6249	0.6249	3.0000e-005	2.0000e-005	0.6323
Total	**3.8000e-004**	**1.2000e-003**	**3.0200e-003**	**1.0000e-005**	**8.8000e-004**	**1.0000e-005**	**8.9000e-004**	**2.4000e-004**	**1.0000e-005**	**2.5000e-004**	**0.0000**	**0.9255**	**0.9255**	**4.0000e-005**	**6.0000e-005**	**0.9464**

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	0.0215	0.2182	0.2413	3.9000e-004		0.0109	0.0109		0.0100	0.0100	0.0000	34.0709	34.0709	0.0110	0.0000	34.3464
Total	**0.0215**	**0.2182**	**0.2413**	**3.9000e-004**		**0.0109**	**0.0109**		**0.0100**	**0.0100**	**0.0000**	**34.0709**	**34.0709**	**0.0110**	**0.0000**	**34.3464**

RedEyeKite - Construction - Santa Barbara-North of Santa Ynez County, Annual

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

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	4.0000e-005	1.6500e-003	5.6000e-004	1.0000e-005	2.0000e-004	1.0000e-005	2.1000e-004	6.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.6167	0.6167	3.0000e-005	9.0000e-005	0.6444
Worker	7.0000e-004	5.0000e-004	5.3300e-003	1.0000e-005	1.6800e-003	1.0000e-005	1.6900e-003	4.5000e-004	1.0000e-005	4.5000e-004	0.0000	1.2951	1.2951	5.0000e-005	4.0000e-005	1.3096
Total	**7.4000e-004**	**2.1500e-003**	**5.8900e-003**	**2.0000e-005**	**1.8800e-003**	**2.0000e-005**	**1.9000e-003**	**5.1000e-004**	**2.0000e-005**	**5.2000e-004**	**0.0000**	**1.9118**	**1.9118**	**8.0000e-005**	**1.3000e-004**	**1.9539**

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	0.0215	0.2182	0.2413	3.9000e-004		0.0109	0.0109		0.0100	0.0100	0.0000	34.0708	34.0708	0.0110	0.0000	34.3463
Total	**0.0215**	**0.2182**	**0.2413**	**3.9000e-004**		**0.0109**	**0.0109**		**0.0100**	**0.0100**	**0.0000**	**34.0708**	**34.0708**	**0.0110**	**0.0000**	**34.3463**

RedEyeKite - Construction - Santa Barbara-North of Santa Ynez County, Annual

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

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	4.0000e-005	1.6500e-003	5.6000e-004	1.0000e-005	2.0000e-004	1.0000e-005	2.1000e-004	6.0000e-005	1.0000e-005	7.0000e-005	0.0000	0.6167	0.6167	3.0000e-005	9.0000e-005	0.6444
Worker	7.0000e-004	5.0000e-004	5.3300e-003	1.0000e-005	1.6800e-003	1.0000e-005	1.6900e-003	4.5000e-004	1.0000e-005	4.5000e-004	0.0000	1.2951	1.2951	5.0000e-005	4.0000e-005	1.3096
Total	**7.4000e-004**	**2.1500e-003**	**5.8900e-003**	**2.0000e-005**	**1.8800e-003**	**2.0000e-005**	**1.9000e-003**	**5.1000e-004**	**2.0000e-005**	**5.2000e-004**	**0.0000**	**1.9118**	**1.9118**	**8.0000e-005**	**1.3000e-004**	**1.9539**

3.5 Architectural Coating - 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					
Archit. Coating	4.0800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.8000e-004	3.2600e-003	4.5300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393
Total	**4.5600e-003**	**3.2600e-003**	**4.5300e-003**	**1.0000e-005**		**1.8000e-004**	**1.8000e-004**		**1.8000e-004**	**1.8000e-004**	**0.0000**	**0.6383**	**0.6383**	**4.0000e-005**	**0.0000**	**0.6393**

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

3.5 Architectural Coating - 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	3.0000e-005	2.0000e-005	2.0000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0476	0.0476	0.0000	0.0000	0.0482
Total	**3.0000e-005**	**2.0000e-005**	**2.0000e-004**	**0.0000**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0476**	**0.0476**	**0.0000**	**0.0000**	**0.0482**

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	4.0800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.8000e-004	3.2600e-003	4.5300e-003	1.0000e-005		1.8000e-004	1.8000e-004		1.8000e-004	1.8000e-004	0.0000	0.6383	0.6383	4.0000e-005	0.0000	0.6393
Total	**4.5600e-003**	**3.2600e-003**	**4.5300e-003**	**1.0000e-005**		**1.8000e-004**	**1.8000e-004**		**1.8000e-004**	**1.8000e-004**	**0.0000**	**0.6383**	**0.6383**	**4.0000e-005**	**0.0000**	**0.6393**

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

3.5 Architectural Coating - 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	3.0000e-005	2.0000e-005	2.0000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0476	0.0476	0.0000	0.0000	0.0482
Total	**3.0000e-005**	**2.0000e-005**	**2.0000e-004**	**0.0000**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**2.0000e-005**	**0.0000**	**2.0000e-005**	**0.0000**	**0.0476**	**0.0476**	**0.0000**	**0.0000**	**0.0482**

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	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	0.0000	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
Unmitigated	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

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
General Light Industry	6.60	5.50	6.40	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.495909	0.053751	0.207710	0.150288	0.028653	0.006970	0.011038	0.006199	0.000953	0.000588	0.030402	0.003486	0.004053

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	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	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	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
NaturalGas Unmitigated	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

RedEyeKite - Construction - Santa Barbara-North of Santa Ynez County, Annual

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					
General Light Industry	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
Total		**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**

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					
General Light Industry	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
Total		**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**

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			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

6.0 Area Detail

6.1 Mitigation Measures Area

RedEyeKite - Construction - Santa Barbara-North of Santa Ynez County, Annual

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	0.0000	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
Unmitigated	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

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	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
Total	**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**

RedEyeKite - Construction - Santa Barbara-North of Santa Ynez County, 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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	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
Total	**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**

7.0 Water Detail

7.1 Mitigation Measures Water

RedEyeKite - Construction - Santa Barbara-North of Santa Ynez County, 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	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

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			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Total		**0.0000**	**0.0000**	**0.0000**	**0.0000**

9.0 Operational Offroad

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

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Winter

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

RedEyeKite - Operational Emissions

Santa Barbara-North of Santa Ynez County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	4.16	1000sqft	0.72	4,160.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.1	**Precipitation Freq (Days)**	37
Climate Zone	4			**Operational Year**	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - See Assumptions

Construction Phase - Construction modeled separately

Off-road Equipment - Construction modeled separately

Trips and VMT - Construction modeled separately

Architectural Coating - Construction modeled separately

Vehicle Trips - See Assumptions - Trips based on 18 employees per day at 2.5 trips per employee per day for 6 days per week and 2 vendor trips per day.

Fleet Mix - Based on worker trips (LDA, LDT1, LDT2, MCY) and Vendor/delivery (HHD).

Stationary Sources - Emergency Generators and Fire Pumps - Tier 4 diesel generator. Max operation 2 hrs per month and 50 hours per year for testing purposes.

Stationary Sources - Emergency Generators and Fire Pumps EF - EPA Tier 4 Final Emissions Limits

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Winter

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

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	2,080.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	6,240.00	0.00
tblConstructionPhase	NumDays	5.00	1.00
tblConstructionPhase	PhaseEndDate	3/23/2023	3/17/2023
tblFleetMix	HHD	6.1990e-003	0.08
tblFleetMix	LDA	0.50	0.58
tblFleetMix	LDT1	0.05	0.06
tblFleetMix	LDT2	0.21	0.24
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	6.9700e-003	0.00
tblFleetMix	MCY	0.03	0.04
tblFleetMix	MDV	0.15	0.00
tblFleetMix	MH	4.0530e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	9.5300e-004	0.00
tblFleetMix	SBUS	3.4860e-003	0.00
tblFleetMix	UBUS	5.8800e-004	0.00
tblLandUse	LotAcreage	0.10	0.72
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblStationaryGeneratorsPumpsEF	CO_EF	2.60	1.40
tblStationaryGeneratorsPumpsEF	NOX_EF	2.85	0.54
tblStationaryGeneratorsPumpsEF	PM10_EF	0.15	0.02
tblStationaryGeneratorsPumpsEF	PM2_5_EF	0.15	0.02
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	175.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	2.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblVehicleTrips	ST_TR	1.99	11.78

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Winter

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

tblVehicleTrips	SU_TR	5.00	0.00
tblVehicleTrips	WD_TR	4.96	11.78

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

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	lb/day										lb/day					
2023	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
Maximum	**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**

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	lb/day										lb/day					
2023	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
Maximum	**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**

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Winter

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	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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	lb/day										lb/day					
Area	0.1155	0.0000	4.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.1000e-004	9.1000e-004	0.0000		9.7000e-004
Energy	3.2200e-003	0.0293	0.0246	1.8000e-004		2.2200e-003	2.2200e-003		2.2200e-003	2.2200e-003		35.1036	35.1036	6.7000e-004	6.4000e-004	35.3122
Mobile	0.1323	0.3187	1.2089	2.2700e-003	0.2196	2.4000e-003	0.2220	0.0583	2.2700e-003	0.0606		241.7557	241.7557	0.0216	0.0210	248.5659
Stationary	0.5744	0.3042	0.7886	2.7600e-003		0.0113	0.0113		0.0113	0.0113		293.8299	293.8299	0.0412		294.8598
Total	**0.8254**	**0.6521**	**2.0225**	**5.2100e-003**	**0.2196**	**0.0159**	**0.2355**	**0.0583**	**0.0158**	**0.0740**		**570.6902**	**570.6902**	**0.0635**	**0.0217**	**578.7388**

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Winter

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

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	lb/day										lb/day					
Area	0.1155	0.0000	4.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.1000e-004	9.1000e-004	0.0000		9.7000e-004
Energy	3.2200e-003	0.0293	0.0246	1.8000e-004		2.2200e-003	2.2200e-003		2.2200e-003	2.2200e-003		35.1036	35.1036	6.7000e-004	6.4000e-004	35.3122
Mobile	0.1323	0.3187	1.2089	2.2700e-003	0.2196	2.4000e-003	0.2220	0.0583	2.2700e-003	0.0606		241.7557	241.7557	0.0216	0.0210	248.5659
Stationary	0.5744	0.3042	0.7886	2.7600e-003		0.0113	0.0113		0.0113	0.0113		293.8299	293.8299	0.0412		294.8598
Total	**0.8254**	**0.6521**	**2.0225**	**5.2100e-003**	**0.2196**	**0.0159**	**0.2355**	**0.0583**	**0.0158**	**0.0740**		**570.6902**	**570.6902**	**0.0635**	**0.0217**	**578.7388**

	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	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating	Architectural Coating	3/17/2023	3/17/2023	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Winter

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

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

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
Architectural Coating	0	0.00	0.00	0.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 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	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Winter

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

3.2 Architectural Coating - 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	lb/day										lb/day					
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
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
Worker	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
Total	**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**

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	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	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
Total	**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**

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Winter

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

3.2 Architectural Coating - 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	lb/day										lb/day					
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
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
Worker	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
Total	**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**

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Winter

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	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	lb/day										lb/day					
Mitigated	0.1323	0.3187	1.2089	2.2700e-003	0.2196	2.4000e-003	0.2220	0.0583	2.2700e-003	0.0606		241.7557	241.7557	0.0216	0.0210	248.5659
Unmitigated	0.1323	0.3187	1.2089	2.2700e-003	0.2196	2.4000e-003	0.2220	0.0583	2.2700e-003	0.0606		241.7557	241.7557	0.0216	0.0210	248.5659

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	49.00	49.00	0.00	89,383	89,383
Total	49.00	49.00	0.00	89,383	89,383

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
General Light Industry	6.60	5.50	6.40	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.578120	0.062662	0.242144	0.000000	0.000000	0.000000	0.000000	0.081633	0.000000	0.000000	0.035442	0.000000	0.000000

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Winter

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	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	lb/day										lb/day					
NaturalGas Mitigated	3.2200e-003	0.0293	0.0246	1.8000e-004		2.2200e-003	2.2200e-003		2.2200e-003	2.2200e-003		35.1036	35.1036	6.7000e-004	6.4000e-004	35.3122
NaturalGas Unmitigated	3.2200e-003	0.0293	0.0246	1.8000e-004		2.2200e-003	2.2200e-003		2.2200e-003	2.2200e-003		35.1036	35.1036	6.7000e-004	6.4000e-004	35.3122

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	lb/day										lb/day					
General Light Industry	298.38	3.2200e-003	0.0293	0.0246	1.8000e-004		2.2200e-003	2.2200e-003		2.2200e-003	2.2200e-003		35.1036	35.1036	6.7000e-004	6.4000e-004	35.3122
Total		**3.2200e-003**	**0.0293**	**0.0246**	**1.8000e-004**		**2.2200e-003**	**2.2200e-003**		**2.2200e-003**	**2.2200e-003**		**35.1036**	**35.1036**	**6.7000e-004**	**6.4000e-004**	**35.3122**

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	lb/day										lb/day					
General Light Industry	0.29838	3.2200e-003	0.0293	0.0246	1.8000e-004		2.2200e-003	2.2200e-003		2.2200e-003	2.2200e-003		35.1036	35.1036	6.7000e-004	6.4000e-004	35.3122
Total		**3.2200e-003**	**0.0293**	**0.0246**	**1.8000e-004**		**2.2200e-003**	**2.2200e-003**		**2.2200e-003**	**2.2200e-003**		**35.1036**	**35.1036**	**6.7000e-004**	**6.4000e-004**	**35.3122**

6.0 Area Detail

6.1 Mitigation Measures Area

	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	lb/day										lb/day					
Mitigated	0.1155	0.0000	4.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.1000e-004	9.1000e-004	0.0000		9.7000e-004
Unmitigated	0.1155	0.0000	4.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.1000e-004	9.1000e-004	0.0000		9.7000e-004

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Winter

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

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	lb/day										lb/day					
Architectural Coating	0.0264					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0890					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-005	0.0000	4.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.1000e-004	9.1000e-004	0.0000		9.7000e-004
Total	**0.1155**	**0.0000**	**4.2000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**9.1000e-004**	**9.1000e-004**	**0.0000**		**9.7000e-004**

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Winter

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	lb/day										lb/day					
Architectural Coating	0.0264					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0890					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-005	0.0000	4.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.1000e-004	9.1000e-004	0.0000		9.7000e-004
Total	**0.1155**	**0.0000**	**4.2000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**9.1000e-004**	**9.1000e-004**	**0.0000**		**9.7000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Winter

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

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	2	50	175	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/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
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (175 - 300 HP)	0.5744	0.3042	0.7886	2.7600e-003		0.0113	0.0113		0.0113	0.0113		293.8299	293.8299	0.0412		294.8598
Total	**0.5744**	**0.3042**	**0.7886**	**2.7600e-003**		**0.0113**	**0.0113**		**0.0113**	**0.0113**		**293.8299**	**293.8299**	**0.0412**		**294.8598**

11.0 Vegetation

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Summer

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

RedEyeKite - Operational Emissions

Santa Barbara-North of Santa Ynez County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	4.16	1000sqft	0.72	4,160.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.1	**Precipitation Freq (Days)**	37
Climate Zone	4			**Operational Year**	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - See Assumptions

Construction Phase - Construction modeled separately

Off-road Equipment - Construction modeled separately

Trips and VMT - Construction modeled separately

Architectural Coating - Construction modeled separately

Vehicle Trips - See Assumptions - Trips based on 18 employees per day at 2.5 trips per employee per day for 6 days per week and 2 vendor trips per day.

Fleet Mix - Based on worker trips (LDA, LDT1, LDT2, MCY) and Vendor/delivery (HHD).

Stationary Sources - Emergency Generators and Fire Pumps - Tier 4 diesel generator. Max operation 2 hrs per month and 50 hours per year for testing purposes.

Stationary Sources - Emergency Generators and Fire Pumps EF - EPA Tier 4 Final Emissions Limits

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Summer

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

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	2,080.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	6,240.00	0.00
tblConstructionPhase	NumDays	5.00	1.00
tblConstructionPhase	PhaseEndDate	3/23/2023	3/17/2023
tblFleetMix	HHD	6.1990e-003	0.08
tblFleetMix	LDA	0.50	0.58
tblFleetMix	LDT1	0.05	0.06
tblFleetMix	LDT2	0.21	0.24
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	6.9700e-003	0.00
tblFleetMix	MCY	0.03	0.04
tblFleetMix	MDV	0.15	0.00
tblFleetMix	MH	4.0530e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	9.5300e-004	0.00
tblFleetMix	SBUS	3.4860e-003	0.00
tblFleetMix	UBUS	5.8800e-004	0.00
tblLandUse	LotAcreage	0.10	0.72
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblStationaryGeneratorsPumpsEF	CO_EF	2.60	1.40
tblStationaryGeneratorsPumpsEF	NOX_EF	2.85	0.54
tblStationaryGeneratorsPumpsEF	PM10_EF	0.15	0.02
tblStationaryGeneratorsPumpsEF	PM2_5_EF	0.15	0.02
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	175.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	2.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblVehicleTrips	ST_TR	1.99	11.78

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Summer

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

tblVehicleTrips	SU_TR	5.00	0.00
tblVehicleTrips	WD_TR	4.96	11.78

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

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	lb/day										lb/day					
2023	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
Maximum	**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**

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	lb/day										lb/day					
2023	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
Maximum	**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**

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Summer

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	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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	lb/day										lb/day					
Area	0.1155	0.0000	4.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.1000e-004	9.1000e-004	0.0000		9.7000e-004
Energy	3.2200e-003	0.0293	0.0246	1.8000e-004		2.2200e-003	2.2200e-003		2.2200e-003	2.2200e-003		35.1036	35.1036	6.7000e-004	6.4000e-004	35.3122
Mobile	0.1341	0.3006	1.1030	2.3000e-003	0.2196	2.4000e-003	0.2220	0.0583	2.2600e-003	0.0606		244.5833	244.5833	0.0202	0.0204	251.1627
Stationary	0.5744	0.3042	0.7886	2.7600e-003		0.0113	0.0113		0.0113	0.0113		293.8299	293.8299	0.0412		294.8598
Total	**0.8271**	**0.6341**	**1.9166**	**5.2400e-003**	**0.2196**	**0.0159**	**0.2355**	**0.0583**	**0.0158**	**0.0740**		**573.5178**	**573.5178**	**0.0621**	**0.0210**	**581.3357**

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Summer

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

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	lb/day										lb/day					
Area	0.1155	0.0000	4.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.1000e-004	9.1000e-004	0.0000		9.7000e-004
Energy	3.2200e-003	0.0293	0.0246	1.8000e-004		2.2200e-003	2.2200e-003		2.2200e-003	2.2200e-003		35.1036	35.1036	6.7000e-004	6.4000e-004	35.3122
Mobile	0.1341	0.3006	1.1030	2.3000e-003	0.2196	2.4000e-003	0.2220	0.0583	2.2600e-003	0.0606		244.5833	244.5833	0.0202	0.0204	251.1627
Stationary	0.5744	0.3042	0.7886	2.7600e-003		0.0113	0.0113		0.0113	0.0113		293.8299	293.8299	0.0412		294.8598
Total	**0.8271**	**0.6341**	**1.9166**	**5.2400e-003**	**0.2196**	**0.0159**	**0.2355**	**0.0583**	**0.0158**	**0.0740**		**573.5178**	**573.5178**	**0.0621**	**0.0210**	**581.3357**

	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	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating	Architectural Coating	3/17/2023	3/17/2023	5	1	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Summer

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

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

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
Architectural Coating	0	0.00	0.00	0.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 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	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	**0.0000**	**0.0000**	**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**		**0.0000**

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Summer

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

3.2 Architectural Coating - 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	lb/day										lb/day					
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
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
Worker	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
Total	**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**

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	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	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
Total	**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**

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Summer

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

3.2 Architectural Coating - 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	lb/day										lb/day					
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
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
Worker	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
Total	**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**

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Summer

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	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	lb/day										lb/day					
Mitigated	0.1341	0.3006	1.1030	2.3000e-003	0.2196	2.4000e-003	0.2220	0.0583	2.2600e-003	0.0606		244.5833	244.5833	0.0202	0.0204	251.1627
Unmitigated	0.1341	0.3006	1.1030	2.3000e-003	0.2196	2.4000e-003	0.2220	0.0583	2.2600e-003	0.0606		244.5833	244.5833	0.0202	0.0204	251.1627

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	49.00	49.00	0.00	89,383	89,383
Total	49.00	49.00	0.00	89,383	89,383

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
General Light Industry	6.60	5.50	6.40	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.578120	0.062662	0.242144	0.000000	0.000000	0.000000	0.000000	0.081633	0.000000	0.000000	0.035442	0.000000	0.000000

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	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	lb/day										lb/day					
NaturalGas Mitigated	3.2200e-003	0.0293	0.0246	1.8000e-004		2.2200e-003	2.2200e-003		2.2200e-003	2.2200e-003		35.1036	35.1036	6.7000e-004	6.4000e-004	35.3122
NaturalGas Unmitigated	3.2200e-003	0.0293	0.0246	1.8000e-004		2.2200e-003	2.2200e-003		2.2200e-003	2.2200e-003		35.1036	35.1036	6.7000e-004	6.4000e-004	35.3122

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	lb/day										lb/day					
General Light Industry	298.38	3.2200e-003	0.0293	0.0246	1.8000e-004		2.2200e-003	2.2200e-003		2.2200e-003	2.2200e-003		35.1036	35.1036	6.7000e-004	6.4000e-004	35.3122
Total		**3.2200e-003**	**0.0293**	**0.0246**	**1.8000e-004**		**2.2200e-003**	**2.2200e-003**		**2.2200e-003**	**2.2200e-003**		**35.1036**	**35.1036**	**6.7000e-004**	**6.4000e-004**	**35.3122**

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Summer

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	lb/day										lb/day					
General Light Industry	0.29838	3.2200e-003	0.0293	0.0246	1.8000e-004		2.2200e-003	2.2200e-003		2.2200e-003	2.2200e-003		35.1036	35.1036	6.7000e-004	6.4000e-004	35.3122
Total		**3.2200e-003**	**0.0293**	**0.0246**	**1.8000e-004**		**2.2200e-003**	**2.2200e-003**		**2.2200e-003**	**2.2200e-003**		**35.1036**	**35.1036**	**6.7000e-004**	**6.4000e-004**	**35.3122**

6.0 Area Detail

6.1 Mitigation Measures Area

	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	lb/day										lb/day					
Mitigated	0.1155	0.0000	4.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.1000e-004	9.1000e-004	0.0000		9.7000e-004
Unmitigated	0.1155	0.0000	4.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.1000e-004	9.1000e-004	0.0000		9.7000e-004

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Summer

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

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	lb/day										lb/day					
Architectural Coating	0.0264					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0890					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-005	0.0000	4.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.1000e-004	9.1000e-004	0.0000		9.7000e-004
Total	**0.1155**	**0.0000**	**4.2000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**9.1000e-004**	**9.1000e-004**	**0.0000**		**9.7000e-004**

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Summer

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	lb/day										lb/day					
Architectural Coating	0.0264					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0890					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.0000e-005	0.0000	4.2000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		9.1000e-004	9.1000e-004	0.0000		9.7000e-004
Total	**0.1155**	**0.0000**	**4.2000e-004**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**		**9.1000e-004**	**9.1000e-004**	**0.0000**		**9.7000e-004**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Summer

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

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	2	50	175	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/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
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (175 - 300 HP)	0.5744	0.3042	0.7886	2.7600e-003		0.0113	0.0113		0.0113	0.0113		293.8299	293.8299	0.0412		294.8598
Total	**0.5744**	**0.3042**	**0.7886**	**2.7600e-003**		**0.0113**	**0.0113**		**0.0113**	**0.0113**		**293.8299**	**293.8299**	**0.0412**		**294.8598**

11.0 Vegetation

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Annual

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

RedEyeKite - Operational Emissions

Santa Barbara-North of Santa Ynez County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	4.16	1000sqft	0.72	4,160.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	3.1	**Precipitation Freq (Days)**	37
Climate Zone	4			**Operational Year**	2024
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - See Assumptions

Construction Phase - Construction modeled separately

Off-road Equipment - Construction modeled separately

Trips and VMT - Construction modeled separately

Architectural Coating - Construction modeled separately

Vehicle Trips - See Assumptions - Trips based on 18 employees per day at 2.5 trips per employee per day for 6 days per week and 2 vendor trips per day.

Fleet Mix - Based on worker trips (LDA, LDT1, LDT2, MCY) and Vendor/delivery (HHD).

Stationary Sources - Emergency Generators and Fire Pumps - Tier 4 diesel generator. Max operation 2 hrs per month and 50 hours per year for testing purposes.

Stationary Sources - Emergency Generators and Fire Pumps EF - EPA Tier 4 Final Emissions Limits

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Annual

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

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	2,080.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	6,240.00	0.00
tblConstructionPhase	NumDays	5.00	1.00
tblConstructionPhase	PhaseEndDate	3/23/2023	3/17/2023
tblFleetMix	HHD	6.1990e-003	0.08
tblFleetMix	LDA	0.50	0.58
tblFleetMix	LDT1	0.05	0.06
tblFleetMix	LDT2	0.21	0.24
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	6.9700e-003	0.00
tblFleetMix	MCY	0.03	0.04
tblFleetMix	MDV	0.15	0.00
tblFleetMix	MH	4.0530e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	9.5300e-004	0.00
tblFleetMix	SBUS	3.4860e-003	0.00
tblFleetMix	UBUS	5.8800e-004	0.00
tblLandUse	LotAcreage	0.10	0.72
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblStationaryGeneratorsPumpsEF	CO_EF	2.60	1.40
tblStationaryGeneratorsPumpsEF	NOX_EF	2.85	0.54
tblStationaryGeneratorsPumpsEF	PM10_EF	0.15	0.02
tblStationaryGeneratorsPumpsEF	PM2_5_EF	0.15	0.02
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	175.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	2.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblVehicleTrips	ST_TR	1.99	11.78

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Annual

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

tblVehicleTrips	SU_TR	5.00	0.00
tblVehicleTrips	WD_TR	4.96	11.78

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	0.0000	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
Maximum	**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**

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	0.0000	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
Maximum	**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**

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Annual

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	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**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)
		Highest		

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	0.0211	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Energy	5.9000e-004	5.3400e-003	4.4800e-003	3.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	8.9295	8.9295	6.2000e-004	1.7000e-004	8.9948
Mobile	0.0205	0.0494	0.1812	3.5000e-004	0.0335	3.7000e-004	0.0339	8.9100e-003	3.5000e-004	9.2600e-003	0.0000	34.1705	34.1705	2.9800e-003	2.9500e-003	35.1249
Stationary	7.1800e-003	3.8000e-003	9.8600e-003	3.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	3.3320	3.3320	4.7000e-004	0.0000	3.3437
Waste						0.0000	0.0000		0.0000	0.0000	1.0715	0.0000	1.0715	0.0531	0.0000	2.3999
Water						0.0000	0.0000		0.0000	0.0000	0.3404	0.4816	0.8220	1.2500e-003	7.5000e-004	1.0766
Total	**0.0493**	**0.0585**	**0.1956**	**4.1000e-004**	**0.0335**	**9.2000e-004**	**0.0344**	**8.9100e-003**	**9.0000e-004**	**9.8100e-003**	**1.4119**	**46.9137**	**48.3256**	**0.0585**	**3.8700e-003**	**50.9400**

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Annual

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

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	0.0211	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Energy	5.9000e-004	5.3400e-003	4.4800e-003	3.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	8.9295	8.9295	6.2000e-004	1.7000e-004	8.9948
Mobile	0.0205	0.0494	0.1812	3.5000e-004	0.0335	3.7000e-004	0.0339	8.9100e-003	3.5000e-004	9.2600e-003	0.0000	34.1705	34.1705	2.9800e-003	2.9500e-003	35.1249
Stationary	7.1800e-003	3.8000e-003	9.8600e-003	3.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	3.3320	3.3320	4.7000e-004	0.0000	3.3437
Waste						0.0000	0.0000		0.0000	0.0000	1.0715	0.0000	1.0715	0.0531	0.0000	2.3999
Water						0.0000	0.0000		0.0000	0.0000	0.3404	0.4816	0.8220	1.2500e-003	7.5000e-004	1.0766
Total	**0.0493**	**0.0585**	**0.1956**	**4.1000e-004**	**0.0335**	**9.2000e-004**	**0.0344**	**8.9100e-003**	**9.0000e-004**	**9.8100e-003**	**1.4119**	**46.9137**	**48.3256**	**0.0585**	**3.8700e-003**	**50.9400**

	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	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating	Architectural Coating	3/17/2023	3/17/2023	5	1	

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Annual

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

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

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
Architectural Coating	0	0.00	0.00	0.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Annual

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

3.2 Architectural Coating - 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					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	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
Total	**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**

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	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
Total	**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**

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Annual

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

3.2 Architectural Coating - 2023

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	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	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
Total	**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**

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	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
Total	**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**

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Annual

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

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	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	0.0205	0.0494	0.1812	3.5000e-004	0.0335	3.7000e-004	0.0339	8.9100e-003	3.5000e-004	9.2600e-003	0.0000	34.1705	34.1705	2.9800e-003	2.9500e-003	35.1249
Unmitigated	0.0205	0.0494	0.1812	3.5000e-004	0.0335	3.7000e-004	0.0339	8.9100e-003	3.5000e-004	9.2600e-003	0.0000	34.1705	34.1705	2.9800e-003	2.9500e-003	35.1249

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	49.00	49.00	0.00	89,383	89,383
Total	49.00	49.00	0.00	89,383	89,383

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	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
General Light Industry	6.60	5.50	6.40	59.00	28.00	13.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.578120	0.062662	0.242144	0.000000	0.000000	0.000000	0.000000	0.081633	0.000000	0.000000	0.035442	0.000000	0.000000

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Annual

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

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	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	3.1177	3.1177	5.0000e-004	6.0000e-005	3.1485
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	3.1177	3.1177	5.0000e-004	6.0000e-005	3.1485
NaturalGas Mitigated	5.9000e-004	5.3400e-003	4.4800e-003	3.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	5.8118	5.8118	1.1000e-004	1.1000e-004	5.8463
NaturalGas Unmitigated	5.9000e-004	5.3400e-003	4.4800e-003	3.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	5.8118	5.8118	1.1000e-004	1.1000e-004	5.8463

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Annual

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					
General Light Industry	108909	5.9000e-004	5.3400e-003	4.4800e-003	3.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	5.8118	5.8118	1.1000e-004	1.1000e-004	5.8463
Total		**5.9000e-004**	**5.3400e-003**	**4.4800e-003**	**3.0000e-005**		**4.1000e-004**	**4.1000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**5.8118**	**5.8118**	**1.1000e-004**	**1.1000e-004**	**5.8463**

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					
General Light Industry	108909	5.9000e-004	5.3400e-003	4.4800e-003	3.0000e-005		4.1000e-004	4.1000e-004		4.1000e-004	4.1000e-004	0.0000	5.8118	5.8118	1.1000e-004	1.1000e-004	5.8463
Total		**5.9000e-004**	**5.3400e-003**	**4.4800e-003**	**3.0000e-005**		**4.1000e-004**	**4.1000e-004**		**4.1000e-004**	**4.1000e-004**	**0.0000**	**5.8118**	**5.8118**	**1.1000e-004**	**1.1000e-004**	**5.8463**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	33696	3.1177	5.0000e-004	6.0000e-005	3.1485
Total		**3.1177**	**5.0000e-004**	**6.0000e-005**	**3.1485**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	33696	3.1177	5.0000e-004	6.0000e-005	3.1485
Total		**3.1177**	**5.0000e-004**	**6.0000e-005**	**3.1485**

6.0 Area Detail

6.1 Mitigation Measures Area

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Annual

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	0.0211	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Unmitigated	0.0211	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005

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	4.8200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0163					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Total	**0.0211**	**0.0000**	**4.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**7.0000e-005**	**7.0000e-005**	**0.0000**	**0.0000**	**8.0000e-005**

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, 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	4.8200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0163					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	4.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	7.0000e-005	7.0000e-005	0.0000	0.0000	8.0000e-005
Total	**0.0211**	**0.0000**	**4.0000e-005**	**0.0000**		**0.0000**	**0.0000**		**0.0000**	**0.0000**	**0.0000**	**7.0000e-005**	**7.0000e-005**	**0.0000**	**0.0000**	**8.0000e-005**

7.0 Water Detail

7.1 Mitigation Measures Water

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, 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	0.8220	1.2500e-003	7.5000e-004	1.0766
Unmitigated	0.8220	1.2500e-003	7.5000e-004	1.0766

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	0.962 / 0	0.8220	1.2500e-003	7.5000e-004	1.0766
Total		**0.8220**	**1.2500e-003**	**7.5000e-004**	**1.0766**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	0.962 / 0	0.8220	1.2500e-003	7.5000e-004	1.0766
Total		**0.8220**	**1.2500e-003**	**7.5000e-004**	**1.0766**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	1.0715	0.0531	0.0000	2.3999
Unmitigated	1.0715	0.0531	0.0000	2.3999

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, 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			
General Light Industry	5.16	1.0715	0.0531	0.0000	2.3999
Total		**1.0715**	**0.0531**	**0.0000**	**2.3999**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	5.16	1.0715	0.0531	0.0000	2.3999
Total		**1.0715**	**0.0531**	**0.0000**	**2.3999**

9.0 Operational Offroad

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

RedEyeKite - Operational Emissions - Santa Barbara-North of Santa Ynez County, Annual

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	2	50	175	0.73	Diesel

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/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
Equipment Type	tons/yr										MT/yr					
Emergency Generator - Diesel (175 - 300 HP)	7.1800e-003	3.8000e-003	9.8600e-003	3.0000e-005		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004	0.0000	3.3320	3.3320	4.7000e-004	0.0000	3.3437
Total	**7.1800e-003**	**3.8000e-003**	**9.8600e-003**	**3.0000e-005**		**1.4000e-004**	**1.4000e-004**		**1.4000e-004**	**1.4000e-004**	**0.0000**	**3.3320**	**3.3320**	**4.7000e-004**	**0.0000**	**3.3437**

11.0 Vegetation

Appendix B

Red Eye Kite Health Risk Assessment Letter

Rincon Consultants, Inc.

209 East Victoria Street
Santa Barbara, California 93101

805 319 4092

info@rinconconsultants.com
www.rinconconsultants.com

October 10, 2022
Project No: 21-12034

Brian Halvorson, Planning Manager
City of Lompoc
Community Development Department
100 Civic Center Plaza
Lompoc, California 93436
Via email: b_halvorson@ci.lompoc.ca.us

Subject: Red Eye Kite Health Risk Assessment
1501 East Laurel Avenue, Lompoc, 93436

Dear Mr. Halvorson:

The purpose of this letter is to summarize the results of an operational screening Health Risk Assessment (HRA) prepared for the proposed emergency generator that would be part of the Red Eye Kite, Inc., Commercial Cannabis Cultivation, Processing and Distribution Project (project). The project is located at 1501 East Laurel Avenue in Lompoc, California.

Project Description

Red Eye Kite, Inc. ("Red Eye Kite" or "Applicant") proposes to establish an indoor industrial cannabis cultivation, processing, and distribution facility on a developed 0.72-acre site. The site is currently developed with a one-story industrial building. The proposed use would be located within a portion of, the existing vacant one-story, 8,000 square-foot building, with a maximum height of approximately 19 feet. The building consists of two warehouses. Warehouse Unit A is approximately 4,000 square feet and occupies the western half of the building and would be upgraded to house the proposed cannabis facility. Warehouse Unit B is approximately 4,000 square feet and occupies the eastern half of the building and would remain vacant.

No changes are proposed to Warehouse B as a part of this project and a 160 square-foot addition is proposed along the northern portion of Warehouse Unit A in an area already paved.

The project would involve minor tenant improvements, including removal of an existing exterior block wall, installation of a new transformer pad, new concrete sidewalk and ramp along the western and northern exterior of the building, changes to the interior layout, 160 square-foot addition to the northeast part of the existing warehouse, and installation of a new HVAC system.

Hours of operation for the cannabis facility would be from 9:00 AM to 9:00 PM Monday through Saturday. The project is anticipated to require up to 12 employees within the first year of operation and up to 18 employees by the third year. The structure would contain areas for cultivation and processing, an office for employees, shipping and receiving room, security and safe room, lobby area, and restrooms. The facility would only sell cannabis products to State licensed facilities on a wholesale basis and there would be no retail sales on-site. As such, the proposed industrial cannabis cultivation facility

would not be open to the public and visitors would be permitted only when escorted and for a specific business purpose. .

Background

The project site is located in the South Central Coast Air Basin (SCCAB), which includes all of San Luis Obispo, Santa Barbara, and Ventura counties. Based on data recorded at the Lompoc City Airport, adjacent to the project's northern boundary, the predominant wind direction in the vicinity of project site is from the west and the average wind speed is approximately 2.03 meters per second (Lakes Environmental Software 2018). The annual average maximum daily temperature in the project area is approximately 70 degrees Fahrenheit (°F) and the annual average minimum daily temperature is approximately 47°F. Total precipitation in the project area averages approximately 15 inches annually (Western Regional Climate Center 2016).

Methodology

The carcinogenic and non-carcinogenic health risk impacts from the emergency generator were evaluated using the United States Environmental Protection Agency (USEPA) recommended AERMOD model (version 10.2.0) and the California Air Resource Board's (CARB) Hot Spot Analysis and Reporting Program (HARP2) (version 21081). The recommended guidance from the Santa Barbara County Air Pollution Control District's (SBCAPCD) *User Guide for HRA Screenings Using Lakes' AERSCREEN View and HARP 2* was used. Modeled ambient concentrations of diesel particulate matter (DPM) at the maximally exposed individual resident (MEIR) and maximally exposed individual worker (MEIW) were assessed. The estimated health risks were then be compared to the appropriate SBCAPCD health risk thresholds.

AERMOD

Dispersion and concentration of DPM emissions at off-site residential and worker receptors and on-site worker receptors were estimated using the U.S. EPA air dispersion model, the AMS/EPA Regulatory Model (AERMOD), version 10.2.0. AERMOD is a steady-state, multiple-source, Gaussian dispersion model designed for use with emission sources situated in terrain where ground elevations can exceed the stack heights of the emission sources. The AERMOD model requires hourly meteorological data consisting of wind vector, wind speed, temperature, stability class, and mixing height. For this analysis, specific metrological data from the City of Lompoc H Steet meteorological station, approximately 1 mile southwest of the project site, was pre-processed with AERMET as provided by SBAPCD. Because the backup diesel generators is a point sources located between 2 buildings, building downwash effects analysis was performed using BPIP-PRIME and AERMAP to account for the building potential to influence air flow (building coordinates are available in the model files in Attachment 2). Any effects of building downwash were then incorporated into AERMOD dispersion runs. The facility is not located in a densely developed urban area; thus, the urban heat island effect was not included in the model.

The 130-kW emergency generator with a 175 horsepower (HP) engine was modeled as a point source with an emission rate of one gram per second. The diesel generator spec sheet is included in Attachment 1. Discrete Receptor Grids with receptors located at 25-meter by 25-meter spacing were used to determine concentrations for residential and worker receptors. The pertinent AERMOD inputs and point source release parameters are described in detail in Table 1. The AERMOD model provides

maximum hourly concentrations based on distance. More details are provided in Attachment 2 in the AERMOD output file.

Table 1 Point Source Release Parameters

Parameters	Input	Value
Source	Source type	POINT
	Release Height	2276 mm / 89.6 in / 2.276 m[1]
	Emission rate	1 g/s
	Stack Inside Diameter	76.2 mm / 3 in / 0.0762 m[1]
	Gas Exit Temperature	389 C / 732 F / 662.03888889 K[1]
	Gas Exit Flow Rate	20.1 m3/ 710 cfm[1]
	Variable emissions	operational Mon - Sat, 9AM to 9 PM
Building	Include building downwash	Yes
	Building 1 height (Project)	19 ft / 5.7912 m
	Type	Polygonal
	Building 2 height (Directly East)	19 ft / 5.7912 m
	Type	Polygonal
Meteorology	Surface Met Data	Lompoc H Street[2]
	Start Year	2012
	End Year	2016
	Anemometer height	40 m
Terrain	Include terrain	USGS NED 1/3
Discrete Receptors	Spacing	25 meters
	Residential (receptor numbers)	1 - 398
	Worker (receptor numbers, offsite)	399 - 724
Other Inputs	Pollutant	PM10
	Averaging Times	1-hr, Period
	Rural/urban	Urban
	Input population[3]	42,434
	Use flagpole receptors	No
	Source type	POINT

Source:, [1]Attachment 1, [2]SBCAPCD 2020

HARP 2

HARP2 requires the average annual and maximum hourly concentration of each pollutant then risk scenarios are chosen to compute the cancer and non-cancer risks (i.e., acute and chronic Hazard Index). The risk scenarios chosen for the MEIR and MEIW followed the guidance in Section 5 of the SBCAPCD Screening Guidance.

For the MEIR cancer risk analysis, a residential receptor, 30-year exposure duration, and the risk management policy (RMP) using the derived method for the intake rate percentile were used for the risk

scenario. Only the inhalation pathway was evaluated since DPM is not a multi-pathway TAC and no fraction at time at home was applied. For the chronic non-cancer analysis, the same inputs for the cancer risk analysis were used but instead the OEHHA derived method was used for the intake rate percentile. Also, the exposure duration was not applied since the chronic hazard indices is based on an annual exposure. For the MEIW, a worker receptor, 25-year exposure duration, and OEHHA derived method were used. Only the inhalation pathway was evaluated and an 8-hour breathing rate was applied for moderate intense activity. No worker adjustment factor was applied since the emergency generator would not be operating on a regular schedule but primarily operate for testing and maintenance purposes. For the chronic non-cancer risk analysis, the same inputs used in the cancer risk analysis were applied except for the exposure duration since the chronic hazard indices is based on an annual exposure. No acute non-cancer risk analysis was computed for the MEIR or MEIW since DPM does not have an acute impact. See Attachment 3 for the risk summary results.

Thresholds

In June 2017, the SBCAPCD published the most recent update to its *Scope and Content of Air Quality Sections in Environmental Documents* (Guidelines). The Guidelines establish criteria for determining the level of significance for project-specific impacts within its jurisdiction in accordance with the above CEQA checklist thresholds.

Based on the criteria suggested by the SBCAPCD Guidelines (2017), a proposed project would have a significant health risk impact if operation of the project would:

- Exceed the public notification health risk thresholds adopted by the SBCAPCD of 10 excess cancer cases in a million for cancer risk or a Hazard Index of more than 1.0 for non-cancer risk.

Impact Analysis

The maximum risk for the MEIW was identified approximately 83 meters east of the generator location, while the maximum risk for the MEIR was identified at 83 meters northwest of the generator location. Table 2 summarizes the risk and hazard values in comparison to the SBCAPCD threshold. Risk summaries for all receptor locations are provided in Attachment 4. As shown in Table 2, the MEIR and MEIW results do not exceed the SBCAPCD thresholds of 10 per million or the Hazard Index value of 1.0.

Table 2 Emergency Generator Health Impacts Summary

Receptor Scenario	Cancer Risk (per million)	Chronic Hazard Index
MEIR	<1	<0.01
MEIW	<1	<0.01
SBCAPCD Threshold	**10 per million**	**1.0**
Exceed Threshold	No	No

Source: Attachment 3 and Attachment 4

Conclusion

The screening analysis concluded that the 130-kW emergency generator would not result in cancer or non-cancer chronic risks in excess of the SBCAPCD thresholds. Therefore, operational health risk impacts from the project would be less than significant.

Sincerely,
Rincon Consultants, Inc.

Heather Dubois
Senior Air Quality Analyst

Attachments

Attachment 1 KOHLER Model: 125REOZJ4 208-600 V Diesel Tier 4 Generator Spec Sheet
Attachment 2 AERMOD Inputs and Output
Attachment 3 HARP2 Inputs and Outputs
Attachment 4 Risk Summaries

References

LAKES Environmental Software. 2018. Wind Rose Plot for the Lompoc H Steet 2012-1026. https://www.ourair.org/metdata/ (accessed October 2022).

Santa Barbara County Air Pollution Control District. 2017. Scope and Content of Air Quality Sections in Environmental Documents. July. https://www.ourair.org/wp-content/uploads/ScopeContentJune2017-LimitedUpdate.pdf (accessed August 2021).

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_____. 2021. Lompoc H Street Meteorological Data. N.d. https://www.ourair.org/metdata/ (accessed October 2022).

Western Regional Climate Center (WRCC). 2016. Period of Record Monthly Climate Summary (3/1/1917 to 6/8/2016) for Lompoc Station, California (045064). https://wrcc.dri.edu/cgi-bin/cliMAIN.pl?ca5064 (accessed October 2022).

Attachment 1

KOHLER Model: 125REOZJ4 208-600 V Diesel Tier 4 Generator Spec Sheet

KOHLER

Model: 125REOZJ4

208- 600 V **Diesel**

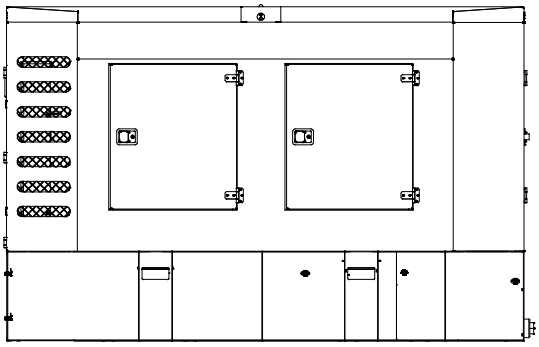
ISO 9001 KOHLER NATIONALLY REGISTERED

Tier 4 Final EPA-Certified for Stationary Emergency and Non-Emergency Applications

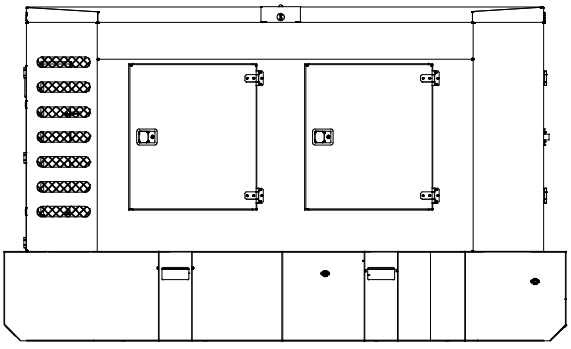
Ratings Range

		60 Hz
Standby:	**kW**	107- 130
	kVA	107- 162.5
Prime:	**kW**	99.5- 117
	kVA	99.5- 146

APPROVED FOR HVO RENEWABLE FUEL



Standard Skid Model



Field Draggaable Skid Model

Standard Features

- Kohler Co. provides one-source responsibility for the generating system and accessories.
- Approved for use with certified renewable Hydrotreated Vegetable Oil (HVO) / Renewable Diesel (RD) fuels compliant with EN15940/ ASTM D975.
- The generator set and its components are prototype-tested, factory-built, and production-tested.
- The 60 Hz generator set offers a UL 2200 listing.
- The generator set accepts rated load in one step.
- The 60 Hz generator set meets NFPA 110, Level 1, when equipped with the necessary accessories and installed per NFPA standards.
- A one-year limited warranty covers all generator set systems and components. Two- and five-year extended limited warranties are also available.
- Alternator features:
  - The unique Fast-Response® X excitation system delivers excellent voltage response and short-circuit capability using a rare-earth, permanent magnet (PM)-excited alternator.
  - The brushless, rotating-field alternator has broadrange reconnectability.
- Engine features:
  - The generator set engine is certified by the Environmental Protection Agency (EPA) to conform to Tier 4 Final nonroad emissions regulations.
  - Heavy-duty air cleaner with air restrictor indicator.
  - Lockable battery disconnect switch.
- Other features:
  - Kohler designed controller for one-source system integration and remote communication. See Controller on page 3.
  - The low coolant level shutdown prevents overheating.
  - Durable steel, sound-attenuating housing with quiet operation of 70 dB(A) log average @ 7 m (23 ft.) with full load at the prime rating.
  - Stainless steel hinges and lockable latches on doors.
  - 125% environmental containment basin for oil and coolant.
  - 110% secondary containment tank for fuel.
  - UL 142 listed subbase fuel tank for 24-hour run time with full load at the prime rating (minimum).
  - Fuel fill and Diesel Exhaust Fluid (DEF) fill with lockable caps.
  - Customer connection panel with main circuit breaker, remote start connection, and emergency stop switch.

Generator Set Ratings

				130°C Rise Standby Rating		105°C Rise Prime Rating	
Alternator	**Voltage**	**Ph**	**Hz**	**kW/kVA**	**Amps**	**kW/kVA**	**Amps**
	120/208	3	60	130/163	451	117/146	406
	120/240	3	60	125/156	376	113/141	340
4R13X	120/240	1	60	107/107	446	99/99	413
	277/480	3	60	130/163	195	117/146	176
	347/600	3	60	130/163	156	114/143	137

RATINGS: All three-phase units are rated at 0.8 power factor. All single-phase units are rated at 1.0 power factor. *Standby Ratings:* The standby rating is applicable to varying loads for the duration of a power outage. There is no overload capability for this rating. *Prime Power Ratings:* At varying load, the number of generator set operating hours is unlimited. A 10% overload capacity is available for one hour in twelve. Ratings are in accordance with ISO-8528-1 and ISO-3046-1. For limited running time ratings, consult the factory. Obtain technical information bulletin (TIB-101) for ratings guidelines, complete ratings definitions, and site condition derates. The generator set manufacturer reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever.

Alternator Specifications

Specifications	Alternator
Manufacturer	Kohler
Type	4-Pole, Rotating-Field
Exciter type	Brushless, Rare-Earth Permanent-Magnet
Leads: quantity, type	12, Reconnectable 6, 600 Volt
Voltage regulator	Solid State, Volts/Hz
Insulation: Material Temperature rise	NEMA MG1 Class H 150°C, Standby
Bearing: quantity, type	1, Sealed
Coupling	Flexible Disc
Amortisseur windings	Full
Voltage regulation, no-load to full-load	±0.5%
One-step load acceptance	100% of Rating
Unbalanced load capability	100% of Rated Standby Current
Peak motor starting kVA:	(35% dip for voltages below)
480 V 4R13X (12 lead)	540

- NEMA MG1, IEEE, and ANSI standards compliance for temperature rise and motor starting.
- Sustained short-circuit current of up to 300% of the rated current for up to 10 seconds.
- Sustained short-circuit current enabling downstream circuit breakers to trip without collapsing the alternator field.
- Self-ventilated and dripproof construction.
- Windings are vacuum-impregnated with epoxy varnish for dependability and long life.
- Superior voltage waveform from a two-thirds pitch stator and skewed rotor.
- The unique Fast-Response® X excitation system delivers excellent voltage response and short-circuit capability using a rare-earth, permanent magnet (PM)-excited alternator.

Application Data

Engine

Engine Specifications	
Manufacturer	John Deere
Engine model, type	6068HG550 4-Cycle, Turbocharged, Charge Air Cooled
Cylinder arrangement	6 Inline
Displacement, L (cu. in.)	6.8 (415)
Bore and stroke, mm (in.)	106 x 127 (4.19 x 5.0)
Compression ratio	17.2:1
Piston speed, m/min. (ft./min.)	457.2 (1500)
Main bearings: quantity, type	7, Replaceable Insert
Rated rpm	1800
Max. power at rated rpm, kWm (BHP)	150 (201)
Cylinder head material	Cast Iron
Crankshaft material	Forged Steel
Valve material: Intake Exhaust	 Silicon-Chrome stem with Inconel head (NiCr) CrMo Alloy
Governor: type, make/model	Electronic
Frequency regulation, no-load to full-load	Isochronous
Frequency regulation, steady state	±0.5%
Frequency	Fixed
Air cleaner type, all models	Dry

Exhaust

Exhaust System	
Exhaust manifold type	Dry
Exhaust flow at rated kW, m^3/min. (cfm)	20.1 (710)
Exhaust temperature at rated kW, dry exhaust, °C (°F)	389 (732)
Allowable back pressure, kPa (in. Hg)	11 (3.25)
Back pressure available after losses due to exhaust aftertreatment system, kPa (in.Hg)	2.3 (0.7)
Exhaust outlet size at user connection point, mm (in.)	76.2 (3.0)

Engine Electrical

Engine Electrical System	
Battery charging alternator:	
Ground (negative/positive)	Negative
Volts (DC)	24
Ampere rating	60
Starter motor rated voltage (DC)	24
Battery, recommended cold cranking amps (CCA):	
Quantity, CCA rating each	Two, 400
Battery voltage (DC)	12

Fuel

Fuel System	
Fuel supply line, min. ID, mm (in.)	8 (0.31)
Fuel return line, min. ID, mm (in.)	4.8 (0.19)
Max. lift, fuel pump: type, m (ft.)	Electronic, 1.8 (6.0)
Max. fuel flow, Lph (gph)	138.5 (36.6)
Max. return line restriction, kPa (in. Hg)	40 (11.8)
Fuel prime pump	Automatic
Fuel filter	
Primary	2 Microns
Recommended fuel	ASTM D975 or EN 590 Ultra Low Sulfur Diesel (ULSD) with sulfur content <15 mg/kg (15 ppm) / RD / HVO

Lubrication

Lubricating System	
Type	Full Pressure
Oil pan capacity, L (qt.) §	15.1 (16.0)
Oil pan capacity with filter, L (qt.) §	15.6 (16.5)
Oil filter: quantity, type §	One, Cartridge
Oil cooler	Water-Cooled
Oil type §	API CJ-4 or ACEA E6- E9

§ Kohler recommends the use of Kohler Genuine oil and filters.

Application Data

Cooling

Radiator System	
Ambient temperature at standby rating, °C (°F)	45 (113)
Ambient temperature at prime power ratings, °C (°F)	50 (122)
Engine jacket water capacity, L (gal.)	11.9 (3.2)
Radiator system capacity, including engine, L (gal.)	35.6 (9.4)
Engine jacket water flow, Lpm (gpm)	416 (110)
Heat rejected to cooling water at standby rated kW, dry exhaust, kW (Btu/min.)	97 (5521)
Heat rejected to charge air cooler at standby rated kW, dry exhaust, kW (Btu/min.)	21 (1195)
Water pump type	Centrifugal
Fan diameter, including blades, mm (in.)	746 (29.4)
Fan, kWm (HP)	2.8 (3.8)
Max. restriction of cooling air, intake and discharge side of radiator, kPa (in. H_2O)	0.125 (0.5)

Operation Requirements

Air Requirements	
Radiator-cooled cooling air, m^3/min. (scfm) *	283 (10000)
Combustion air, m^3/min. (cfm)	9.7 (343)
Heat rejected to ambient air:	
Engine, kW (Btu/min.)	20 (1138)
Alternator, kW (Btu/min.)	14.8 (1842)

* Air density = 1.20 kg/m^3 (0.075 lbm/ft^3)

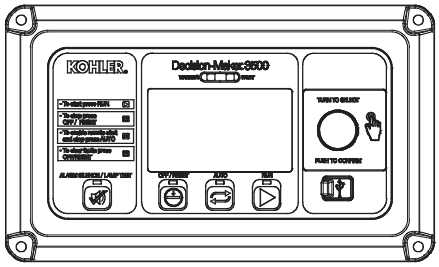
Fuel Consumption**	
Diesel, Lph (gph) at % load	**Standby Rating**
100%	34.0 (9.4)
75%	27.2 (7.2)
50%	19.3 (5.1)
25%	11.3 (3.0)
Diesel, Lph (gph) at % load	**Prime Rating**
100%	32.5 (8.6)
75%	25.0 (6.6)
50%	17.8 (4.7)
25%	10.6 (2.8)

** Fuel consumption is up to 4% higher when using HVO/RD than #2 ULSD.

Sound Enclosure

- Durable steel, sound-attenuating housing with quiet operation of 70 dB(A) log average @ 7 m (23 ft.) with full load at the prime rating.
- Internal-mounted silencer and flexible exhaust connector.
- Fade-, scratch, and corrosion-resistant Kohler® Power Armor™ automotive-grade textured finish.
- Stainless steel hinges and lockable latches on doors.
- Acoustic insulation that meets UL 94 HF1 flammability classification and repels moisture absorption.
- 110% environmental containment basin for fuel, oil, and coolant.

Controller

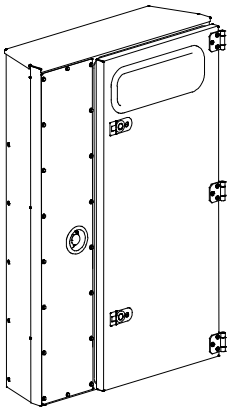


Decision-Maker® 3500 Paralleling Controller
Provides advanced control, system monitoring, and system diagnostics for optimum performance and compatibility.

- Paralleling capability with bus sensing, first-on logic, synchronizer, and (isochronous, droop, and external controlled) load sharing
- Digital display with adjustable contrast and menu control provide easy local data access
- Measurements are selectable in metric or English units
- Remote communication thru a PC via network or serial configuration
- Controller supports Modbus® protocol
- Integrated hybrid voltage regulator with ±0.5% regulation
- Potted circuitry for protection from vibration and debris
- Built-in alternator thermal overload protection
- NFPA 110 Level 1 capability

Modbus® is a registered trademark of Schneider Electric.

Customer Connection Panel



- Viewable generator set controller with security cover
- Emergency stop switch
- Main line circuit breaker
  - Reconnectable models: Rating 600 amps, field adjustable based on voltage selected
  - 600 Volt models: Rating 250 amps, field adjustable
- Power connections for Available Options (battery charger and battery heater)
- Remote start connection

Fuel and DEF Tanks

- Subbase fuel tank for 24-hour run time with full load at prime rating (minimum).
- Fuel tank includes the fuel level gauge, fuel fill with lockable cap, and normal/emergency vents.
- The secondary containment tank's construction protects against fuel leaks or ruptures. The inner (primary) tank is sealed inside the outer (secondary) tank. The outer tank contains the fuel if the inner tank leaks or ruptures.
- DEF tank with DEF quality sensor.

Tank Specifications	
Diesel tank. capacity	923 L (244 gal.)
DEF tank. capacity	44.2 L (11.7 gal.)
Recommended DEF	AUS 32 according to ISO 22241-1

KOHLER

KOHLER CO., Kohler, Wisconsin 53044 USA
Phone 920-457-4441, Fax 920-459-1646
For the nearest sales and service outlet in the US and Canada, phone 1-800-544-2444
KOHLERPower.com

Standard Features

- Alternator Protection
- Batteries, Battery Rack, and Cables
- Integral Vibration Isolation
- Local Emergency Stop Switch
- Oil and Coolant Drain Extensions
- Operation and Installation Literature

Tier 4 Final Technologies Applied

- Diesel Oxidation Catalyst (DOC)
- Diesel Particulate Filter (DPF)
- High Pressure Common Rail (HPCR)
- Selective Catalytic Reduction (SCR)
- Variable Geometry Turbocharger (VGT)

Available Options

Approvals and Listings

- ❑ CSA Certified
- ❑ UL 2200 Listing (requires standard skid)

Controller

- ❑ 15-Relay Dry Contact
- ❑ Remote Annunciator Panel

Electrical System

- ❑ Battery Chargers (qty. 2)
- ❑ Battery Heater
- ❑ Block Heater; 1800 W, 120 V, 1 ph.
  Required for ambient temperature below 0°C (32°F).

Fuel System

- ❑ Two-Way Fuel Valve
  (for connection of a user-supplied external fuel tank)

Skid

- ❑ Fuel Tank
- ❑ Draggable Fuel Tank
  (heavy gauge steel skid with integrated drains and pull bars)

Miscellaneous

- ❑ Engine Fluids Added

Literature

- ❑ General Maintenance
- ❑ NFPA 110
- ❑ Overhaul
- ❑ Production

Warranty

- ❑ 2-Year Basic Limited Warranty
- ❑ 2-Year Prime Limited Warranty
- ❑ 5-Year Basic Limited Warranty
- ❑ 5-Year Comprehensive Limited Warranty

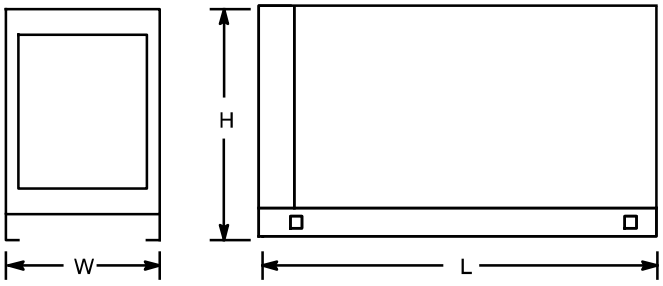
Other Options

- ❑ _____
- ❑ _____
- ❑ _____
- ❑ _____
- ❑ _____

Dimensions and Weights

Overall Size, L x W x H, mm (in.):	3531 x 1191 x 2276
Fuel Tank	(139.0 x 46.9 x 89.6)
Weight, with engine fluids (no fuel), kg (lb.):	3501 (7719)

Overall Size, L x W x H, mm (in.):	3835 x 1191 x 2276
Draggable Fuel Tank	(151.0 x 46.9 x 89.6)
Weight, with engine fluids (no fuel), kg (lb.):	3570 (7870)



NOTE: This drawing is provided for reference only and should not be used for planning. Contact your local distributor for more detailed information.

DISTRIBUTED BY:

Attachment 2

AERMOD Inputs and Output

Red Eye Kite
AERMOD Input Assumptions

Paramaters	Inputs	Input Values
Source	Source type	POINT
	Release Height	2276 mm / 89.6 in / 2.276 m[1]
	Emission rate	1 g/s
	Stack Inside Diameter	76.2 mm / 3 in / 0.0762 m[1]
	Gas Exit Temperature	389 C / 732 F / 662.03888889 K[1]
	Gas Exit Flow Rate	20.1 m3/ 710 cfm[1]
	Variable emissions	operational Mon - Sat, 9AM to 9 PM
Building	Include building downwash	Yes
	Building height	19 ft / 5.7912 m
	Type	Polygonyal
Meteorology	Surface Met Data	Lompoc H Street[2]
	Start year	2012
	End Year	2016
	Anemometer height	40 m
Terrain	Include terrain	USGS NED 1/3
Discrete receptors		
	Spacing	25 meters
	Residential (receptor numbers)	1 - 398
	Worker (receptor numbers, offsite)	399 - 724
Other inputs	Pollutant	PM10
	Averaging Times	1-hr, Period
	Rural/urban	Urban
	Input population[3]	42,434
	Use flagpole receptors	No

Sources

1 Kohler Model 125REOZJ4 Spec Sheet (Attachment 1)
2 SBAPCD Meteorological Data - https://www.ourair.org/metdata/
3 Lompoc 2010 Census Data https://www.census.gov/quickfacts/lompoccitycalifornia

```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.0
** Lakes Environmental Software Inc.
** Date: 10/7/2022
** File: C:\Lakes\Project Files\RedEyeKite\RedEyeKite.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\Project Files\RedEyeKite\RedEyeKite.isc
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 42434 Lompoc_2010_Census
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL RedEyeKite.err
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION GEN          POINT      734675.350  3836554.350       36.380
** DESCRSRC Emergency Generator
** Source Parameters **
   SRCPARAM GEN                1.0     2.276   662.039 790.90046     0.023

** Building Downwash **
   BUILDHGT GEN              5.79     5.79     5.79     5.79     5.79     5.79
   BUILDHGT GEN              5.79     5.79     5.79     5.79     5.79     5.79
   BUILDHGT GEN              5.79     5.79     5.79     5.79     5.79     5.79
   BUILDHGT GEN              5.79     5.79     5.79     5.79     5.79     5.79
   BUILDHGT GEN              5.79     5.79     5.79     5.79     5.79     5.79
   BUILDHGT GEN              5.79     5.79     5.79     5.79     5.79     5.79

   BUILDWID GEN             33.77    35.61    36.38    36.03    35.69    35.14
   BUILDWID GEN             33.52    30.89    27.31    31.01    33.84    35.65
   BUILDWID GEN             36.38    36.00    36.04    35.28    33.45    30.90
   BUILDWID GEN             33.77    35.61    36.38    36.03    35.69    35.14
   BUILDWID GEN             33.52    30.89    27.31    31.01    33.84    35.65
   BUILDWID GEN             36.38    36.00    36.04    35.28    33.45    30.90

   BUILDLEN GEN             31.01    33.84    35.65    36.38    36.00    36.04
   BUILDLEN GEN             35.28    33.45    30.90    33.77    35.61    36.38
   BUILDLEN GEN             36.03    35.69    35.14    33.52    30.89    27.31
   BUILDLEN GEN             31.01    33.84    35.65    36.38    36.00    36.04
   BUILDLEN GEN             35.28    33.45    30.90    33.77    35.61    36.38
   BUILDLEN GEN             36.03    35.69    35.14    33.52    30.89    27.31

   XBADJ    GEN            -20.40   -23.89   -26.65   -28.59   -29.67   -31.37
   XBADJ    GEN            -32.41   -32.46   -31.60   -33.03   -33.46   -32.87
   XBADJ    GEN            -31.28   -28.75   -25.33   -21.15   -16.33   -11.01
   XBADJ    GEN            -10.60    -9.96    -9.01    -7.78    -6.32    -4.67
   XBADJ    GEN             -2.87    -0.99     0.70    -0.74    -2.15    -3.50
   XBADJ    GEN             -4.75    -6.95    -9.81   -12.37   -14.56   -16.30

   YBADJ    GEN             16.15    15.65    14.68    13.27    10.90     7.76
   YBADJ    GEN              4.39     0.89    -2.65    -4.90    -6.97    -8.82
   YBADJ    GEN            -10.41   -11.68   -13.35   -14.77   -15.73   -16.15
   YBADJ    GEN            -16.15   -15.65   -14.68   -13.27   -10.90    -7.76
   YBADJ    GEN             -4.39    -0.89     2.65     4.90     6.97     8.82
   YBADJ    GEN             10.41    11.68    13.35    14.77    15.73    16.15

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT GEN          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GEN          HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GEN          HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT GEN          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GEN          HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT GEN          HRDOW 1.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT GEN          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT GEN          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED RedEyeKite.rou
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE Lompoc12-16.SFC
   PROFFILE Lompoc12-16.PFL
   SURFDATA 723965 2012 Lompoc_-_H_Street_2012_t_o2016
   UAIRDATA 93214 2012
   SITEDATA 8 2012
   PROFBASE 40.0 METERS
```

```
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST RedEyeKite.AD\01H1GALL.PLT 31
   PLOTFILE PERIOD ALL RedEyeKite.AD\PE00GALL.PLT 32
   SUMMFILE RedEyeKite.sum
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 SO W320      39        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
 MX W403     120       PFLCNV: Turbulence data is being used w/o ADJ_U* option      SigA Data

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** 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 URBAN Dispersion Algorithm for the SBL for 1 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 42434.0 ; Urban Roughness Length = 1.000 m

**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.
6. Urban Roughness Length of 1.0 Meter Assumed.

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_10

**Model Calculates 1 Short Term Average(s) of: 1-HR
and Calculates PERIOD Averages

**This Run Includes: 1 Source(s); 1 Source Group(s); and 724 Receptor(s)

with: 1 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 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: 16216

**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) = 40.00 ; 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: RedEyeKite.err
**File for Summary of Results: RedEyeKite.sum

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
GEN	0	0.10000E+01	734675.4	3836554.3	36.4	2.28	662.04	790.90	0.02	YES	YES	NO	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	GEN ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
42434.	GEN	,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: GEN

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	5.8,	33.8,	31.0,	-20.4,	16.2,	2	5.8,	35.6,	33.8,	-23.9,	15.7,
3	5.8,	36.4,	35.6,	-26.7,	14.7,	4	5.8,	36.0,	36.4,	-28.6,	13.3,
5	5.8,	35.7,	36.0,	-29.7,	10.9,	6	5.8,	35.1,	36.0,	-31.4,	7.8,
7	5.8,	33.5,	35.3,	-32.4,	4.4,	8	5.8,	30.9,	33.4,	-32.5,	0.9,
9	5.8,	27.3,	30.9,	-31.6,	-2.6,	10	5.8,	31.0,	33.8,	-33.0,	-4.9,
11	5.8,	33.8,	35.6,	-33.5,	-7.0,	12	5.8,	35.6,	36.4,	-32.9,	-8.8,
13	5.8,	36.4,	36.0,	-31.3,	-10.4,	14	5.8,	36.0,	35.7,	-28.8,	-11.7,
15	5.8,	36.0,	35.1,	-25.3,	-13.4,	16	5.8,	35.3,	33.5,	-21.2,	-14.8,
17	5.8,	33.4,	30.9,	-16.3,	-15.7,	18	5.8,	30.9,	27.3,	-11.0,	-16.2,
19	5.8,	33.8,	31.0,	-10.6,	-16.2,	20	5.8,	35.6,	33.8,	-10.0,	-15.7,
21	5.8,	36.4,	35.6,	-9.0,	-14.7,	22	5.8,	36.0,	36.4,	-7.8,	-13.3,
23	5.8,	35.7,	36.0,	-6.3,	-10.9,	24	5.8,	35.1,	36.0,	-4.7,	-7.8,
25	5.8,	33.5,	35.3,	-2.9,	-4.4,	26	5.8,	30.9,	33.4,	-1.0,	-0.9,
27	5.8,	27.3,	30.9,	0.7,	2.6,	28	5.8,	31.0,	33.8,	-0.7,	4.9,
29	5.8,	33.8,	35.6,	-2.1,	7.0,	30	5.8,	35.6,	36.4,	-3.5,	8.8,
31	5.8,	36.4,	36.0,	-4.8,	10.4,	32	5.8,	36.0,	35.7,	-7.0,	11.7,
33	5.8,	36.0,	35.1,	-9.8,	13.4,	34	5.8,	35.3,	33.5,	-12.4,	14.8,
35	5.8,	33.4,	30.9,	-14.6,	15.7,	36	5.8,	30.9,	27.3,	-16.3,	16.2,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = GEN ; SOURCE TYPE = POINT :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(734293.0,	3836155.0,	34.3,	248.3,	0.0);	(734318.0,	3836155.0,	34.5,	248.3,	0.0);
(734343.0,	3836155.0,	34.6,	248.3,	0.0);	(734368.0,	3836155.0,	34.7,	248.3,	0.0);
(734393.0,	3836155.0,	34.8,	248.3,	0.0);	(734418.0,	3836155.0,	34.9,	248.3,	0.0);
(734443.0,	3836155.0,	35.1,	248.3,	0.0);	(734468.0,	3836155.0,	35.2,	248.3,	0.0);
(734493.0,	3836155.0,	35.3,	248.3,	0.0);	(734518.0,	3836155.0,	35.3,	248.3,	0.0);
(734543.0,	3836155.0,	35.5,	245.6,	0.0);	(734568.0,	3836155.0,	35.6,	245.6,	0.0);
(734593.0,	3836155.0,	35.7,	245.3,	0.0);	(734618.0,	3836155.0,	35.9,	222.8,	0.0);
(734293.0,	3836180.0,	34.5,	248.3,	0.0);	(734318.0,	3836180.0,	34.7,	248.3,	0.0);
(734343.0,	3836180.0,	34.9,	248.3,	0.0);	(734368.0,	3836180.0,	35.0,	248.3,	0.0);
(734393.0,	3836180.0,	35.1,	248.3,	0.0);	(734418.0,	3836180.0,	35.2,	248.3,	0.0);
(734443.0,	3836180.0,	35.3,	246.6,	0.0);	(734468.0,	3836180.0,	35.4,	245.6,	0.0);
(734493.0,	3836180.0,	35.5,	245.3,	0.0);	(734518.0,	3836180.0,	35.5,	245.3,	0.0);
(734543.0,	3836180.0,	35.7,	245.3,	0.0);	(734568.0,	3836180.0,	35.8,	222.8,	0.0);
(734593.0,	3836180.0,	35.9,	222.8,	0.0);	(734618.0,	3836180.0,	36.0,	222.8,	0.0);
(734293.0,	3836205.0,	34.8,	248.3,	0.0);	(734318.0,	3836205.0,	34.9,	246.6,	0.0);
(734343.0,	3836205.0,	35.1,	246.6,	0.0);	(734368.0,	3836205.0,	35.2,	245.6,	0.0);
(734393.0,	3836205.0,	35.3,	245.6,	0.0);	(734418.0,	3836205.0,	35.4,	245.3,	0.0);
(734443.0,	3836205.0,	35.5,	245.3,	0.0);	(734468.0,	3836205.0,	35.6,	245.3,	0.0);
(734493.0,	3836205.0,	35.6,	222.8,	0.0);	(734518.0,	3836205.0,	35.7,	222.8,	0.0);
(734543.0,	3836205.0,	35.8,	222.8,	0.0);	(734568.0,	3836205.0,	35.8,	222.8,	0.0);
(734593.0,	3836205.0,	35.9,	222.8,	0.0);	(734618.0,	3836205.0,	36.0,	222.8,	0.0);
(734293.0,	3836230.0,	34.8,	245.6,	0.0);	(734318.0,	3836230.0,	34.9,	245.3,	0.0);
(734343.0,	3836230.0,	35.1,	245.3,	0.0);	(734368.0,	3836230.0,	35.1,	245.3,	0.0);
(734393.0,	3836230.0,	35.2,	222.8,	0.0);	(734418.0,	3836230.0,	35.4,	222.8,	0.0);
(734443.0,	3836230.0,	35.5,	222.8,	0.0);	(734468.0,	3836230.0,	35.6,	222.8,	0.0);
(734493.0,	3836230.0,	35.6,	222.8,	0.0);	(734518.0,	3836230.0,	35.6,	222.8,	0.0);
(734543.0,	3836230.0,	35.8,	222.8,	0.0);	(734568.0,	3836230.0,	35.8,	222.8,	0.0);
(734593.0,	3836230.0,	35.8,	222.8,	0.0);	(734618.0,	3836230.0,	36.0,	222.8,	0.0);
(734293.0,	3836255.0,	34.9,	222.8,	0.0);	(734318.0,	3836255.0,	35.0,	222.8,	0.0);
(734343.0,	3836255.0,	35.1,	222.8,	0.0);	(734368.0,	3836255.0,	35.2,	222.8,	0.0);
(734393.0,	3836255.0,	35.3,	222.8,	0.0);	(734418.0,	3836255.0,	35.4,	222.8,	0.0);
(734443.0,	3836255.0,	35.5,	222.8,	0.0);	(734468.0,	3836255.0,	35.6,	222.8,	0.0);
(734493.0,	3836255.0,	35.6,	222.8,	0.0);	(734518.0,	3836255.0,	35.6,	222.8,	0.0);
(734543.0,	3836255.0,	35.7,	222.8,	0.0);	(734568.0,	3836255.0,	35.7,	222.8,	0.0);
(734593.0,	3836255.0,	35.8,	222.8,	0.0);	(734618.0,	3836255.0,	35.9,	222.8,	0.0);
(734293.0,	3836280.0,	34.8,	222.8,	0.0);	(734318.0,	3836280.0,	35.0,	222.8,	0.0);
(734343.0,	3836280.0,	35.1,	222.8,	0.0);	(734368.0,	3836280.0,	35.2,	222.8,	0.0);
(734393.0,	3836280.0,	35.2,	222.8,	0.0);	(734418.0,	3836280.0,	35.3,	222.8,	0.0);
(734443.0,	3836280.0,	35.4,	222.8,	0.0);	(734468.0,	3836280.0,	35.5,	222.8,	0.0);
(734493.0,	3836280.0,	35.5,	222.8,	0.0);	(734518.0,	3836280.0,	35.5,	222.8,	0.0);
(734543.0,	3836280.0,	35.6,	222.8,	0.0);	(734568.0,	3836280.0,	35.6,	222.8,	0.0);
(734593.0,	3836280.0,	35.7,	222.8,	0.0);	(734618.0,	3836280.0,	35.7,	222.8,	0.0);
(734293.0,	3836305.0,	34.8,	222.8,	0.0);	(734318.0,	3836305.0,	34.9,	222.8,	0.0);
(734343.0,	3836305.0,	35.0,	222.8,	0.0);	(734368.0,	3836305.0,	35.0,	222.8,	0.0);
(734393.0,	3836305.0,	35.1,	222.8,	0.0);	(734418.0,	3836305.0,	35.2,	222.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(	734443.0,	3836305.0,	35.3,	222.8,	0.0);	(	734468.0,	3836305.0,	35.3,	222.8,	0.0);
(	734493.0,	3836305.0,	35.3,	222.8,	0.0);	(	734518.0,	3836305.0,	35.3,	222.8,	0.0);
(	734543.0,	3836305.0,	35.4,	222.8,	0.0);	(	734568.0,	3836305.0,	35.5,	222.8,	0.0);
(	734593.0,	3836305.0,	35.5,	222.8,	0.0);	(	734618.0,	3836305.0,	35.6,	222.8,	0.0);
(	734293.0,	3836330.0,	34.8,	222.8,	0.0);	(	734318.0,	3836330.0,	34.8,	222.8,	0.0);
(	734343.0,	3836330.0,	34.9,	222.8,	0.0);	(	734368.0,	3836330.0,	34.9,	222.8,	0.0);
(	734393.0,	3836330.0,	35.0,	222.8,	0.0);	(	734418.0,	3836330.0,	35.0,	222.8,	0.0);
(	734443.0,	3836330.0,	35.1,	222.8,	0.0);	(	734468.0,	3836330.0,	35.2,	222.8,	0.0);
(	734493.0,	3836330.0,	35.2,	222.8,	0.0);	(	734518.0,	3836330.0,	35.2,	222.8,	0.0);
(	734543.0,	3836330.0,	35.3,	222.8,	0.0);	(	734568.0,	3836330.0,	35.4,	222.8,	0.0);
(	734593.0,	3836330.0,	35.4,	222.8,	0.0);	(	734618.0,	3836330.0,	35.6,	222.8,	0.0);
(	734293.0,	3836355.0,	34.9,	222.8,	0.0);	(	734318.0,	3836355.0,	35.0,	222.8,	0.0);
(	734343.0,	3836355.0,	35.0,	222.8,	0.0);	(	734368.0,	3836355.0,	35.1,	222.8,	0.0);
(	734393.0,	3836355.0,	35.2,	222.8,	0.0);	(	734418.0,	3836355.0,	35.1,	222.8,	0.0);
(	734443.0,	3836355.0,	35.2,	222.8,	0.0);	(	734468.0,	3836355.0,	35.4,	222.8,	0.0);
(	734493.0,	3836355.0,	35.4,	222.8,	0.0);	(	734518.0,	3836355.0,	35.4,	222.8,	0.0);
(	734543.0,	3836355.0,	35.4,	222.8,	0.0);	(	734568.0,	3836355.0,	35.5,	222.8,	0.0);
(	734593.0,	3836355.0,	35.6,	222.8,	0.0);	(	734618.0,	3836355.0,	35.7,	222.8,	0.0);
(	734293.0,	3836380.0,	35.0,	222.8,	0.0);	(	734318.0,	3836380.0,	35.1,	222.8,	0.0);
(	734343.0,	3836380.0,	35.0,	222.8,	0.0);	(	734368.0,	3836380.0,	35.2,	222.8,	0.0);
(	734393.0,	3836380.0,	35.3,	222.8,	0.0);	(	734418.0,	3836380.0,	35.2,	222.8,	0.0);
(	734443.0,	3836380.0,	35.3,	222.8,	0.0);	(	734468.0,	3836380.0,	35.4,	222.8,	0.0);
(	734493.0,	3836380.0,	35.5,	222.8,	0.0);	(	734518.0,	3836380.0,	35.5,	222.8,	0.0);
(	734543.0,	3836380.0,	35.5,	222.8,	0.0);	(	734568.0,	3836380.0,	35.6,	222.8,	0.0);
(	734593.0,	3836380.0,	35.7,	222.8,	0.0);	(	734618.0,	3836380.0,	35.7,	222.8,	0.0);
(	734293.0,	3836405.0,	35.1,	222.8,	0.0);	(	734318.0,	3836405.0,	35.2,	222.8,	0.0);
(	734343.0,	3836405.0,	35.1,	222.8,	0.0);	(	734368.0,	3836405.0,	35.2,	222.8,	0.0);
(	734393.0,	3836405.0,	35.3,	222.8,	0.0);	(	734418.0,	3836405.0,	35.2,	222.8,	0.0);
(	734443.0,	3836405.0,	35.4,	222.8,	0.0);	(	734468.0,	3836405.0,	35.5,	222.8,	0.0);
(	734493.0,	3836405.0,	35.5,	222.8,	0.0);	(	734518.0,	3836405.0,	35.5,	222.8,	0.0);
(	734543.0,	3836405.0,	35.6,	222.8,	0.0);	(	734568.0,	3836405.0,	35.7,	222.8,	0.0);
(	734593.0,	3836405.0,	35.7,	222.8,	0.0);	(	734618.0,	3836405.0,	35.7,	222.8,	0.0);
(	734293.0,	3836430.0,	35.1,	222.8,	0.0);	(	734318.0,	3836430.0,	35.2,	222.8,	0.0);
(	734343.0,	3836430.0,	35.1,	222.8,	0.0);	(	734368.0,	3836430.0,	35.3,	222.8,	0.0);
(	734393.0,	3836430.0,	35.4,	222.8,	0.0);	(	734418.0,	3836430.0,	35.3,	222.8,	0.0);
(	734443.0,	3836430.0,	35.4,	222.8,	0.0);	(	734468.0,	3836430.0,	35.5,	222.8,	0.0);
(	734493.0,	3836430.0,	35.5,	222.8,	0.0);	(	734518.0,	3836430.0,	35.5,	222.8,	0.0);
(	734543.0,	3836430.0,	35.6,	222.8,	0.0);	(	734568.0,	3836430.0,	35.7,	222.8,	0.0);
(	734593.0,	3836430.0,	35.8,	222.8,	0.0);	(	734618.0,	3836430.0,	35.8,	222.8,	0.0);
(	734293.0,	3836455.0,	35.2,	222.8,	0.0);	(	734318.0,	3836455.0,	35.2,	222.8,	0.0);
(	734343.0,	3836455.0,	35.2,	222.8,	0.0);	(	734368.0,	3836455.0,	35.3,	222.8,	0.0);
(	734393.0,	3836455.0,	35.4,	222.8,	0.0);	(	734418.0,	3836455.0,	35.4,	222.8,	0.0);
(	734443.0,	3836455.0,	35.5,	222.8,	0.0);	(	734468.0,	3836455.0,	35.6,	222.8,	0.0);
(	734493.0,	3836455.0,	35.6,	222.8,	0.0);	(	734518.0,	3836455.0,	35.6,	222.8,	0.0);
(	734543.0,	3836455.0,	35.7,	222.8,	0.0);	(	734568.0,	3836455.0,	35.8,	222.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(734593.0,	3836455.0,	35.9,	222.8,	0.0);	(734618.0,	3836455.0,	36.0,	222.8,	0.0);
(734293.0,	3836480.0,	35.1,	222.8,	0.0);	(734318.0,	3836480.0,	35.2,	222.8,	0.0);
(734343.0,	3836480.0,	35.2,	222.8,	0.0);	(734368.0,	3836480.0,	35.3,	222.8,	0.0);
(734393.0,	3836480.0,	35.4,	222.8,	0.0);	(734418.0,	3836480.0,	35.4,	222.8,	0.0);
(734443.0,	3836480.0,	35.5,	222.8,	0.0);	(734468.0,	3836480.0,	35.6,	222.8,	0.0);
(734493.0,	3836480.0,	35.6,	222.8,	0.0);	(734518.0,	3836480.0,	35.6,	222.8,	0.0);
(734543.0,	3836480.0,	35.7,	222.8,	0.0);	(734568.0,	3836480.0,	35.8,	222.8,	0.0);
(734593.0,	3836480.0,	36.0,	222.8,	0.0);	(734618.0,	3836480.0,	36.2,	222.8,	0.0);
(734293.0,	3836505.0,	35.3,	222.8,	0.0);	(734318.0,	3836505.0,	35.3,	222.8,	0.0);
(734343.0,	3836505.0,	35.3,	222.8,	0.0);	(734368.0,	3836505.0,	35.4,	222.8,	0.0);
(734393.0,	3836505.0,	35.4,	222.8,	0.0);	(734418.0,	3836505.0,	35.4,	222.8,	0.0);
(734443.0,	3836505.0,	35.5,	222.8,	0.0);	(734468.0,	3836505.0,	35.6,	222.8,	0.0);
(734493.0,	3836505.0,	35.6,	222.8,	0.0);	(734518.0,	3836505.0,	35.7,	222.8,	0.0);
(734543.0,	3836505.0,	35.8,	222.8,	0.0);	(734568.0,	3836505.0,	35.9,	222.8,	0.0);
(734593.0,	3836505.0,	36.1,	222.8,	0.0);	(734618.0,	3836505.0,	36.2,	222.8,	0.0);
(734293.0,	3836530.0,	35.4,	222.8,	0.0);	(734318.0,	3836530.0,	35.4,	222.8,	0.0);
(734343.0,	3836530.0,	35.3,	222.8,	0.0);	(734368.0,	3836530.0,	35.4,	222.8,	0.0);
(734393.0,	3836530.0,	35.5,	222.8,	0.0);	(734418.0,	3836530.0,	35.4,	222.8,	0.0);
(734443.0,	3836530.0,	35.6,	222.8,	0.0);	(734468.0,	3836530.0,	35.6,	222.8,	0.0);
(734493.0,	3836530.0,	35.6,	222.8,	0.0);	(734518.0,	3836530.0,	35.7,	222.8,	0.0);
(734543.0,	3836530.0,	35.8,	222.8,	0.0);	(734568.0,	3836530.0,	35.9,	222.8,	0.0);
(734593.0,	3836530.0,	36.0,	222.8,	0.0);	(734611.0,	3836528.6,	36.2,	222.8,	0.0);
(734293.0,	3836555.0,	35.5,	222.8,	0.0);	(734318.0,	3836555.0,	35.4,	222.8,	0.0);
(734343.0,	3836555.0,	35.2,	222.8,	0.0);	(734368.0,	3836555.0,	35.4,	222.8,	0.0);
(734393.0,	3836555.0,	35.5,	222.8,	0.0);	(734418.0,	3836555.0,	35.4,	222.8,	0.0);
(734443.0,	3836555.0,	35.6,	222.8,	0.0);	(734468.0,	3836555.0,	35.6,	222.8,	0.0);
(734493.0,	3836555.0,	35.6,	222.8,	0.0);	(734518.0,	3836555.0,	35.7,	222.8,	0.0);
(734543.0,	3836555.0,	35.8,	222.8,	0.0);	(734568.0,	3836555.0,	35.9,	222.8,	0.0);
(734593.0,	3836555.0,	36.0,	222.8,	0.0);	(734610.3,	3836554.5,	36.0,	222.8,	0.0);
(734293.0,	3836580.0,	35.4,	222.8,	0.0);	(734318.0,	3836580.0,	35.4,	222.8,	0.0);
(734343.0,	3836580.0,	35.2,	222.8,	0.0);	(734368.0,	3836580.0,	35.4,	222.8,	0.0);
(734393.0,	3836580.0,	35.5,	222.8,	0.0);	(734418.0,	3836580.0,	35.4,	222.8,	0.0);
(734443.0,	3836580.0,	35.5,	222.8,	0.0);	(734468.0,	3836580.0,	35.6,	222.8,	0.0);
(734493.0,	3836580.0,	35.6,	222.8,	0.0);	(734518.0,	3836580.0,	35.6,	222.8,	0.0);
(734543.0,	3836580.0,	35.8,	222.8,	0.0);	(734568.0,	3836580.0,	35.8,	222.8,	0.0);
(734593.0,	3836580.0,	35.8,	222.8,	0.0);	(734610.3,	3836580.0,	35.9,	222.8,	0.0);
(734293.0,	3836605.0,	35.4,	222.8,	0.0);	(734318.0,	3836605.0,	35.3,	222.8,	0.0);
(734343.0,	3836605.0,	35.1,	222.8,	0.0);	(734368.0,	3836605.0,	35.4,	222.8,	0.0);
(734393.0,	3836605.0,	35.4,	222.8,	0.0);	(734418.0,	3836605.0,	35.3,	222.8,	0.0);
(734443.0,	3836605.0,	35.5,	222.8,	0.0);	(734468.0,	3836605.0,	35.6,	222.8,	0.0);
(734493.0,	3836605.0,	35.6,	222.8,	0.0);	(734518.0,	3836605.0,	35.6,	222.8,	0.0);
(734543.0,	3836605.0,	35.7,	222.8,	0.0);	(734568.0,	3836605.0,	35.7,	222.8,	0.0);
(734593.0,	3836605.0,	35.7,	222.8,	0.0);	(734609.6,	3836605.0,	35.8,	222.8,	0.0);
(734293.0,	3836630.0,	35.3,	222.8,	0.0);	(734318.0,	3836630.0,	35.3,	222.8,	0.0);
(734343.0,	3836630.0,	35.1,	222.8,	0.0);	(734368.0,	3836630.0,	35.3,	222.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(	734393.0,	3836630.0,	35.4,	222.8,	0.0);	(	734418.0,	3836630.0,	35.3,	222.8,	0.0);
(	734443.0,	3836630.0,	35.4,	222.8,	0.0);	(	734468.0,	3836630.0,	35.5,	222.8,	0.0);
(	734493.0,	3836630.0,	35.5,	222.8,	0.0);	(	734518.0,	3836630.0,	35.5,	222.8,	0.0);
(	734543.0,	3836630.0,	35.7,	222.8,	0.0);	(	734568.0,	3836630.0,	35.7,	222.8,	0.0);
(	734593.0,	3836630.0,	35.7,	222.8,	0.0);	(	734609.3,	3836629.5,	35.8,	222.8,	0.0);
(	734293.0,	3836655.0,	35.1,	35.1,	0.0);	(	734318.0,	3836655.0,	35.1,	35.1,	0.0);
(	734343.0,	3836655.0,	35.0,	222.8,	0.0);	(	734368.0,	3836655.0,	35.2,	222.8,	0.0);
(	734393.0,	3836655.0,	35.2,	222.8,	0.0);	(	734418.0,	3836655.0,	35.1,	222.8,	0.0);
(	734443.0,	3836655.0,	35.2,	222.8,	0.0);	(	734468.0,	3836655.0,	35.3,	222.8,	0.0);
(	734493.0,	3836655.0,	35.4,	222.8,	0.0);	(	734518.0,	3836655.0,	35.4,	222.8,	0.0);
(	734543.0,	3836655.0,	35.5,	222.8,	0.0);	(	734568.0,	3836655.0,	35.5,	222.8,	0.0);
(	734593.0,	3836655.0,	35.6,	222.8,	0.0);	(	734608.6,	3836654.8,	35.7,	222.8,	0.0);
(	734293.0,	3836680.0,	35.0,	35.0,	0.0);	(	734318.0,	3836680.0,	35.0,	35.0,	0.0);
(	734343.0,	3836680.0,	34.9,	34.9,	0.0);	(	734368.0,	3836680.0,	35.1,	35.1,	0.0);
(	734393.0,	3836680.0,	35.1,	35.1,	0.0);	(	734418.0,	3836680.0,	35.1,	35.1,	0.0);
(	734443.0,	3836680.0,	35.2,	220.9,	0.0);	(	734468.0,	3836680.0,	35.3,	221.0,	0.0);
(	734493.0,	3836680.0,	35.3,	222.8,	0.0);	(	734518.0,	3836680.0,	35.3,	222.8,	0.0);
(	734543.0,	3836680.0,	35.4,	222.8,	0.0);	(	734568.0,	3836680.0,	35.5,	222.8,	0.0);
(	734593.0,	3836680.0,	35.5,	222.8,	0.0);	(	734293.0,	3836705.0,	35.0,	35.0,	0.0);
(	734318.0,	3836705.0,	35.0,	35.0,	0.0);	(	734343.0,	3836705.0,	34.9,	34.9,	0.0);
(	734368.0,	3836705.0,	35.1,	35.1,	0.0);	(	734393.0,	3836705.0,	35.1,	35.1,	0.0);
(	734418.0,	3836705.0,	35.1,	35.1,	0.0);	(	734443.0,	3836705.0,	35.2,	35.2,	0.0);
(	734468.0,	3836705.0,	35.3,	35.3,	0.0);	(	734493.0,	3836705.0,	35.3,	35.3,	0.0);
(	734518.0,	3836705.0,	35.3,	210.2,	0.0);	(	734543.0,	3836705.0,	35.4,	210.3,	0.0);
(	734568.0,	3836705.0,	35.5,	210.3,	0.0);	(	734593.0,	3836705.0,	35.5,	210.3,	0.0);
(	734293.0,	3836730.0,	34.9,	34.9,	0.0);	(	734318.0,	3836730.0,	35.0,	35.0,	0.0);
(	734343.0,	3836730.0,	34.8,	34.8,	0.0);	(	734368.0,	3836730.0,	35.0,	35.0,	0.0);
(	734393.0,	3836730.0,	35.1,	35.1,	0.0);	(	734418.0,	3836730.0,	35.0,	35.0,	0.0);
(	734443.0,	3836730.0,	35.1,	35.1,	0.0);	(	734468.0,	3836730.0,	35.3,	35.3,	0.0);
(	734493.0,	3836730.0,	35.3,	35.3,	0.0);	(	734518.0,	3836730.0,	35.2,	35.2,	0.0);
(	734543.0,	3836730.0,	35.4,	210.2,	0.0);	(	734568.0,	3836730.0,	35.5,	210.3,	0.0);
(	734593.0,	3836730.0,	35.5,	210.3,	0.0);	(	734293.0,	3836755.0,	34.9,	34.9,	0.0);
(	734318.0,	3836755.0,	34.9,	34.9,	0.0);	(	734343.0,	3836755.0,	34.8,	34.8,	0.0);
(	734368.0,	3836755.0,	35.0,	35.0,	0.0);	(	734393.0,	3836755.0,	35.0,	35.0,	0.0);
(	734418.0,	3836755.0,	34.9,	34.9,	0.0);	(	734443.0,	3836755.0,	35.1,	35.1,	0.0);
(	734468.0,	3836755.0,	35.2,	35.2,	0.0);	(	734493.0,	3836755.0,	35.2,	35.2,	0.0);
(	734518.0,	3836755.0,	35.1,	35.1,	0.0);	(	734543.0,	3836755.0,	35.3,	35.3,	0.0);
(	734568.0,	3836755.0,	35.4,	210.2,	0.0);	(	734593.0,	3836755.0,	35.5,	210.3,	0.0);
(	734293.0,	3836780.0,	34.8,	34.8,	0.0);	(	734318.0,	3836780.0,	34.8,	34.8,	0.0);
(	734343.0,	3836780.0,	34.7,	34.7,	0.0);	(	734368.0,	3836780.0,	34.9,	34.9,	0.0);
(	734393.0,	3836780.0,	35.0,	35.0,	0.0);	(	734418.0,	3836780.0,	34.9,	34.9,	0.0);
(	734443.0,	3836780.0,	35.0,	35.0,	0.0);	(	734468.0,	3836780.0,	35.2,	35.2,	0.0);
(	734493.0,	3836780.0,	35.2,	35.2,	0.0);	(	734518.0,	3836780.0,	35.1,	35.1,	0.0);
(	734543.0,	3836780.0,	35.3,	35.3,	0.0);	(	734568.0,	3836780.0,	35.4,	35.4,	0.0);
(	734593.0,	3836780.0,	35.4,	210.2,	0.0);	(	734293.0,	3836805.0,	34.8,	34.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(734318.0,	3836805.0,	34.8,	34.8,	0.0);	(734343.0,	3836805.0,	34.7,	34.7,	0.0);
(734368.0,	3836805.0,	34.9,	34.9,	0.0);	(734393.0,	3836805.0,	34.9,	34.9,	0.0);
(734418.0,	3836805.0,	34.8,	34.8,	0.0);	(734443.0,	3836805.0,	35.0,	35.0,	0.0);
(734468.0,	3836805.0,	35.1,	35.1,	0.0);	(734493.0,	3836805.0,	35.1,	35.1,	0.0);
(734518.0,	3836805.0,	35.0,	35.0,	0.0);	(734543.0,	3836805.0,	35.2,	35.2,	0.0);
(734568.0,	3836805.0,	35.3,	35.3,	0.0);	(734593.0,	3836805.0,	35.4,	35.4,	0.0);
(734293.0,	3836830.0,	34.6,	34.6,	0.0);	(734318.0,	3836830.0,	34.6,	34.6,	0.0);
(734343.0,	3836830.0,	34.6,	34.6,	0.0);	(734368.0,	3836830.0,	34.8,	34.8,	0.0);
(734393.0,	3836830.0,	34.8,	34.8,	0.0);	(734418.0,	3836830.0,	34.8,	34.8,	0.0);
(734443.0,	3836830.0,	34.9,	34.9,	0.0);	(734468.0,	3836830.0,	34.9,	34.9,	0.0);
(734493.0,	3836830.0,	35.0,	35.0,	0.0);	(734518.0,	3836830.0,	34.9,	34.9,	0.0);
(734543.0,	3836830.0,	35.1,	35.1,	0.0);	(734568.0,	3836830.0,	35.2,	35.2,	0.0);
(734593.0,	3836830.0,	35.3,	35.3,	0.0);	(734293.0,	3836855.0,	34.4,	34.4,	0.0);
(734318.0,	3836855.0,	34.5,	34.5,	0.0);	(734343.0,	3836855.0,	34.5,	34.5,	0.0);
(734368.0,	3836855.0,	34.6,	34.6,	0.0);	(734393.0,	3836855.0,	34.6,	34.6,	0.0);
(734418.0,	3836855.0,	34.7,	34.7,	0.0);	(734443.0,	3836855.0,	34.7,	34.7,	0.0);
(734468.0,	3836855.0,	34.8,	34.8,	0.0);	(734493.0,	3836855.0,	34.8,	34.8,	0.0);
(734518.0,	3836855.0,	34.8,	34.8,	0.0);	(734543.0,	3836855.0,	34.9,	34.9,	0.0);
(734568.0,	3836855.0,	35.0,	35.0,	0.0);	(734593.0,	3836855.0,	35.0,	35.0,	0.0);
(734633.0,	3836153.0,	36.1,	222.8,	0.0);	(734658.0,	3836153.0,	36.8,	222.8,	0.0);
(734683.0,	3836153.0,	37.1,	222.8,	0.0);	(734708.0,	3836153.0,	37.1,	222.8,	0.0);
(734733.0,	3836153.0,	36.8,	222.8,	0.0);	(734758.0,	3836153.0,	36.6,	222.8,	0.0);
(734783.0,	3836153.0,	36.5,	222.8,	0.0);	(734808.0,	3836153.0,	36.8,	222.8,	0.0);
(734833.0,	3836153.0,	37.2,	222.8,	0.0);	(734858.0,	3836153.0,	37.5,	222.8,	0.0);
(734633.0,	3836178.0,	36.3,	222.8,	0.0);	(734658.0,	3836178.0,	36.9,	222.8,	0.0);
(734683.0,	3836178.0,	37.1,	222.8,	0.0);	(734708.0,	3836178.0,	37.1,	222.8,	0.0);
(734733.0,	3836178.0,	36.9,	222.8,	0.0);	(734758.0,	3836178.0,	36.9,	222.8,	0.0);
(734783.0,	3836178.0,	37.0,	222.8,	0.0);	(734808.0,	3836178.0,	37.1,	222.8,	0.0);
(734833.0,	3836178.0,	37.3,	222.8,	0.0);	(734858.0,	3836178.0,	37.4,	222.8,	0.0);
(734883.0,	3836178.0,	37.5,	222.8,	0.0);	(734633.0,	3836203.0,	36.3,	222.8,	0.0);
(734658.0,	3836203.0,	37.0,	222.8,	0.0);	(734683.0,	3836203.0,	37.1,	222.8,	0.0);
(734708.0,	3836203.0,	37.1,	222.8,	0.0);	(734733.0,	3836203.0,	37.0,	222.8,	0.0);
(734758.0,	3836203.0,	37.1,	222.8,	0.0);	(734783.0,	3836203.0,	37.3,	222.8,	0.0);
(734808.0,	3836203.0,	37.3,	222.8,	0.0);	(734833.0,	3836203.0,	37.4,	222.8,	0.0);
(734858.0,	3836203.0,	37.4,	222.8,	0.0);	(734883.0,	3836203.0,	37.4,	222.8,	0.0);
(734908.0,	3836203.0,	37.5,	222.8,	0.0);	(734633.0,	3836228.0,	36.2,	222.8,	0.0);
(734658.0,	3836228.0,	37.0,	222.8,	0.0);	(734683.0,	3836228.0,	37.1,	222.8,	0.0);
(734708.0,	3836228.0,	37.1,	222.8,	0.0);	(734733.0,	3836228.0,	37.1,	222.8,	0.0);
(734758.0,	3836228.0,	37.3,	222.8,	0.0);	(734783.0,	3836228.0,	37.5,	222.8,	0.0);
(734808.0,	3836228.0,	37.5,	222.8,	0.0);	(734833.0,	3836228.0,	37.5,	222.8,	0.0);
(734858.0,	3836228.0,	37.5,	222.8,	0.0);	(734883.0,	3836228.0,	37.5,	222.8,	0.0);
(734908.0,	3836228.0,	37.4,	222.8,	0.0);	(734933.0,	3836228.0,	37.4,	222.8,	0.0);
(734633.0,	3836253.0,	36.0,	222.8,	0.0);	(734658.0,	3836253.0,	36.8,	222.8,	0.0);
(734683.0,	3836253.0,	37.0,	222.8,	0.0);	(734708.0,	3836253.0,	37.1,	222.8,	0.0);
(734733.0,	3836253.0,	37.2,	222.8,	0.0);	(734758.0,	3836253.0,	37.5,	222.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(	734783.0,	3836253.0,	37.6,	222.8,	0.0);	(	734808.0,	3836253.0,	37.6,	222.8,	0.0);
(	734833.0,	3836253.0,	37.7,	222.8,	0.0);	(	734858.0,	3836253.0,	37.7,	222.8,	0.0);
(	734883.0,	3836253.0,	37.7,	222.8,	0.0);	(	734908.0,	3836253.0,	37.6,	222.8,	0.0);
(	734933.0,	3836253.0,	37.4,	222.8,	0.0);	(	734958.0,	3836253.0,	37.1,	222.8,	0.0);
(	734633.0,	3836278.0,	35.8,	222.8,	0.0);	(	734658.0,	3836278.0,	36.4,	222.8,	0.0);
(	734683.0,	3836278.0,	36.7,	222.8,	0.0);	(	734708.0,	3836278.0,	36.9,	222.8,	0.0);
(	734733.0,	3836278.0,	37.2,	222.8,	0.0);	(	734758.0,	3836278.0,	37.5,	222.8,	0.0);
(	734783.0,	3836278.0,	37.6,	222.8,	0.0);	(	734808.0,	3836278.0,	37.6,	222.8,	0.0);
(	734833.0,	3836278.0,	37.6,	222.8,	0.0);	(	734858.0,	3836278.0,	37.7,	222.8,	0.0);
(	734883.0,	3836278.0,	37.7,	222.8,	0.0);	(	734908.0,	3836278.0,	37.5,	222.8,	0.0);
(	734933.0,	3836278.0,	37.3,	222.8,	0.0);	(	734958.0,	3836278.0,	37.1,	222.8,	0.0);
(	734633.0,	3836303.0,	35.7,	222.8,	0.0);	(	734658.0,	3836303.0,	36.1,	222.8,	0.0);
(	734683.0,	3836303.0,	36.4,	222.8,	0.0);	(	734708.0,	3836303.0,	36.6,	222.8,	0.0);
(	734733.0,	3836303.0,	36.9,	222.8,	0.0);	(	734758.0,	3836303.0,	37.2,	222.8,	0.0);
(	734783.0,	3836303.0,	37.3,	222.8,	0.0);	(	734808.0,	3836303.0,	37.3,	222.8,	0.0);
(	734833.0,	3836303.0,	37.4,	222.8,	0.0);	(	734858.0,	3836303.0,	37.5,	222.8,	0.0);
(	734883.0,	3836303.0,	37.4,	222.8,	0.0);	(	734908.0,	3836303.0,	37.2,	222.8,	0.0);
(	734933.0,	3836303.0,	37.2,	222.8,	0.0);	(	734958.0,	3836303.0,	37.2,	222.8,	0.0);
(	734633.0,	3836328.0,	35.7,	222.8,	0.0);	(	734658.0,	3836328.0,	36.1,	222.8,	0.0);
(	734683.0,	3836328.0,	36.2,	222.8,	0.0);	(	734708.0,	3836328.0,	36.3,	222.8,	0.0);
(	734733.0,	3836328.0,	36.4,	222.8,	0.0);	(	734758.0,	3836328.0,	36.6,	222.8,	0.0);
(	734783.0,	3836328.0,	36.7,	222.8,	0.0);	(	734808.0,	3836328.0,	36.8,	222.8,	0.0);
(	734833.0,	3836328.0,	36.9,	222.8,	0.0);	(	734858.0,	3836328.0,	37.0,	222.8,	0.0);
(	734883.0,	3836328.0,	37.0,	222.8,	0.0);	(	734908.0,	3836328.0,	37.0,	222.8,	0.0);
(	734933.0,	3836328.0,	37.1,	222.8,	0.0);	(	734958.0,	3836328.0,	37.2,	222.8,	0.0);
(	734633.0,	3836353.0,	35.8,	222.8,	0.0);	(	734658.0,	3836353.0,	36.0,	222.8,	0.0);
(	734683.0,	3836353.0,	36.1,	222.8,	0.0);	(	734708.0,	3836353.0,	36.1,	222.8,	0.0);
(	734733.0,	3836353.0,	36.2,	222.8,	0.0);	(	734758.0,	3836353.0,	36.3,	222.8,	0.0);
(	734783.0,	3836353.0,	36.4,	222.8,	0.0);	(	734808.0,	3836353.0,	36.5,	222.8,	0.0);
(	734833.0,	3836353.0,	36.7,	222.8,	0.0);	(	734858.0,	3836353.0,	36.8,	222.8,	0.0);
(	734883.0,	3836353.0,	36.8,	222.8,	0.0);	(	734908.0,	3836353.0,	36.9,	222.8,	0.0);
(	734933.0,	3836353.0,	37.0,	222.8,	0.0);	(	734958.0,	3836353.0,	37.1,	222.8,	0.0);
(	734633.0,	3836378.0,	35.8,	222.8,	0.0);	(	734658.0,	3836378.0,	36.0,	222.8,	0.0);
(	734683.0,	3836378.0,	36.0,	222.8,	0.0);	(	734708.0,	3836378.0,	36.0,	222.8,	0.0);
(	734733.0,	3836378.0,	36.2,	222.8,	0.0);	(	734758.0,	3836378.0,	36.3,	222.8,	0.0);
(	734783.0,	3836378.0,	36.3,	222.8,	0.0);	(	734808.0,	3836378.0,	36.4,	222.8,	0.0);
(	734833.0,	3836378.0,	36.6,	222.8,	0.0);	(	734858.0,	3836378.0,	36.6,	222.8,	0.0);
(	734883.0,	3836378.0,	36.7,	222.8,	0.0);	(	734908.0,	3836378.0,	36.7,	222.8,	0.0);
(	734933.0,	3836378.0,	36.8,	222.8,	0.0);	(	734958.0,	3836378.0,	37.0,	222.8,	0.0);
(	734633.0,	3836403.0,	35.8,	222.8,	0.0);	(	734658.0,	3836403.0,	35.9,	222.8,	0.0);
(	734683.0,	3836403.0,	35.9,	222.8,	0.0);	(	734708.0,	3836403.0,	36.0,	222.8,	0.0);
(	734733.0,	3836403.0,	36.2,	222.8,	0.0);	(	734758.0,	3836403.0,	36.3,	222.8,	0.0);
(	734783.0,	3836403.0,	36.4,	222.8,	0.0);	(	734808.0,	3836403.0,	36.3,	222.8,	0.0);
(	734833.0,	3836403.0,	36.5,	222.8,	0.0);	(	734858.0,	3836403.0,	36.5,	222.8,	0.0);
(	734883.0,	3836403.0,	36.6,	222.8,	0.0);	(	734908.0,	3836403.0,	36.6,	222.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(734933.0,	3836403.0,	36.6,	222.8,	0.0);	(734958.0,	3836403.0,	36.7,	222.8,	0.0);
(734633.0,	3836428.0,	35.8,	222.8,	0.0);	(734658.0,	3836428.0,	36.0,	222.8,	0.0);
(734683.0,	3836428.0,	36.0,	222.8,	0.0);	(734708.0,	3836428.0,	36.1,	222.8,	0.0);
(734733.0,	3836428.0,	36.3,	222.8,	0.0);	(734758.0,	3836428.0,	36.5,	222.8,	0.0);
(734783.0,	3836428.0,	36.6,	222.8,	0.0);	(734808.0,	3836428.0,	36.5,	222.8,	0.0);
(734833.0,	3836428.0,	36.6,	222.8,	0.0);	(734858.0,	3836428.0,	36.7,	222.8,	0.0);
(734883.0,	3836428.0,	36.7,	222.8,	0.0);	(734908.0,	3836428.0,	36.7,	222.8,	0.0);
(734933.0,	3836428.0,	36.7,	222.8,	0.0);	(734958.0,	3836428.0,	36.8,	222.8,	0.0);
(734633.0,	3836453.0,	36.0,	222.8,	0.0);	(734658.0,	3836453.0,	36.1,	222.8,	0.0);
(734683.0,	3836453.0,	36.2,	222.8,	0.0);	(734708.0,	3836453.0,	36.3,	222.8,	0.0);
(734733.0,	3836453.0,	36.5,	222.8,	0.0);	(734758.0,	3836453.0,	36.8,	222.8,	0.0);
(734783.0,	3836453.0,	36.8,	222.8,	0.0);	(734808.0,	3836453.0,	36.7,	222.8,	0.0);
(734833.0,	3836453.0,	36.8,	222.8,	0.0);	(734858.0,	3836453.0,	36.8,	222.8,	0.0);
(734883.0,	3836453.0,	36.9,	222.8,	0.0);	(734908.0,	3836453.0,	36.8,	222.8,	0.0);
(734933.0,	3836453.0,	36.9,	222.8,	0.0);	(734958.0,	3836453.0,	36.8,	222.8,	0.0);
(734633.0,	3836478.0,	36.2,	222.8,	0.0);	(734658.0,	3836478.0,	36.3,	222.8,	0.0);
(734683.0,	3836478.0,	36.3,	222.8,	0.0);	(734708.0,	3836478.0,	36.4,	222.8,	0.0);
(734733.0,	3836478.0,	36.6,	222.8,	0.0);	(734758.0,	3836478.0,	36.8,	222.8,	0.0);
(734783.0,	3836478.0,	36.9,	222.8,	0.0);	(734808.0,	3836478.0,	36.8,	222.8,	0.0);
(734833.0,	3836478.0,	36.9,	222.8,	0.0);	(734858.0,	3836478.0,	36.9,	222.8,	0.0);
(734883.0,	3836478.0,	36.9,	222.8,	0.0);	(734908.0,	3836478.0,	36.9,	222.8,	0.0);
(734933.0,	3836478.0,	37.0,	222.8,	0.0);	(734958.0,	3836478.0,	37.0,	222.8,	0.0);
(734633.0,	3836503.0,	36.3,	222.8,	0.0);	(734658.0,	3836503.0,	36.4,	222.8,	0.0);
(734683.0,	3836503.0,	36.4,	222.8,	0.0);	(734708.0,	3836503.0,	36.5,	222.8,	0.0);
(734733.0,	3836503.0,	36.6,	222.8,	0.0);	(734758.0,	3836503.0,	36.7,	222.8,	0.0);
(734783.0,	3836503.0,	36.8,	222.8,	0.0);	(734808.0,	3836503.0,	36.8,	222.8,	0.0);
(734833.0,	3836503.0,	36.9,	222.8,	0.0);	(734858.0,	3836503.0,	37.0,	222.8,	0.0);
(734883.0,	3836503.0,	37.0,	222.8,	0.0);	(734908.0,	3836503.0,	37.0,	222.8,	0.0);
(734933.0,	3836503.0,	37.0,	222.8,	0.0);	(734958.0,	3836503.0,	37.1,	222.8,	0.0);
(734633.0,	3836528.0,	36.3,	222.8,	0.0);	(734658.0,	3836528.0,	36.4,	222.8,	0.0);
(734683.0,	3836528.0,	36.5,	222.8,	0.0);	(734708.0,	3836528.0,	36.5,	222.8,	0.0);
(734733.0,	3836528.0,	36.5,	222.8,	0.0);	(734758.0,	3836528.0,	36.6,	222.8,	0.0);
(734783.0,	3836528.0,	36.6,	222.8,	0.0);	(734808.0,	3836528.0,	36.8,	222.8,	0.0);
(734833.0,	3836528.0,	37.0,	222.8,	0.0);	(734633.0,	3836553.0,	36.1,	222.8,	0.0);
(734658.0,	3836553.0,	36.4,	222.8,	0.0);	(734683.0,	3836553.0,	36.4,	222.8,	0.0);
(734708.0,	3836553.0,	36.3,	222.8,	0.0);	(734733.0,	3836553.0,	36.3,	222.8,	0.0);
(734758.0,	3836553.0,	36.4,	222.8,	0.0);	(734783.0,	3836553.0,	36.5,	222.8,	0.0);
(734808.0,	3836553.0,	36.7,	222.8,	0.0);	(734833.0,	3836553.0,	37.0,	222.8,	0.0);
(734633.0,	3836578.0,	36.1,	222.8,	0.0);	(734658.0,	3836578.0,	36.3,	222.8,	0.0);
(734683.0,	3836578.0,	36.3,	222.8,	0.0);	(734708.0,	3836578.0,	36.2,	222.8,	0.0);
(734733.0,	3836578.0,	36.1,	222.8,	0.0);	(734758.0,	3836578.0,	36.2,	222.8,	0.0);
(734783.0,	3836578.0,	36.3,	222.8,	0.0);	(734808.0,	3836578.0,	36.6,	222.8,	0.0);
(734833.0,	3836578.0,	37.0,	222.8,	0.0);	(734633.0,	3836603.0,	36.1,	222.8,	0.0);
(734658.0,	3836603.0,	36.4,	222.8,	0.0);	(734683.0,	3836603.0,	36.4,	222.8,	0.0);
(734708.0,	3836603.0,	36.3,	222.8,	0.0);	(734733.0,	3836603.0,	36.1,	222.8,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(734758.0,	3836603.0,	36.2,	222.8,	0.0);	(734783.0,	3836603.0,	36.3,	222.8,	0.0);
(734808.0,	3836603.0,	36.5,	222.8,	0.0);	(734833.0,	3836603.0,	36.9,	222.8,	0.0);
(734633.0,	3836628.0,	36.1,	222.8,	0.0);	(734658.0,	3836628.0,	36.5,	222.8,	0.0);
(734683.0,	3836628.0,	36.5,	222.8,	0.0);	(734708.0,	3836628.0,	36.3,	222.8,	0.0);
(734733.0,	3836628.0,	36.0,	222.8,	0.0);	(734758.0,	3836628.0,	36.1,	222.8,	0.0);
(734783.0,	3836628.0,	36.4,	222.8,	0.0);	(734808.0,	3836628.0,	36.6,	222.8,	0.0);
(734833.0,	3836628.0,	36.9,	222.8,	0.0);	(734633.0,	3836653.0,	36.1,	222.8,	0.0);
(734658.0,	3836653.0,	36.5,	222.8,	0.0);	(734683.0,	3836653.0,	36.4,	222.8,	0.0);
(734708.0,	3836653.0,	36.2,	222.8,	0.0);	(734733.0,	3836653.0,	36.0,	222.8,	0.0);
(734758.0,	3836653.0,	36.1,	222.8,	0.0);	(734783.0,	3836653.0,	36.4,	222.8,	0.0);
(734808.0,	3836653.0,	36.6,	222.8,	0.0);	(734833.0,	3836653.0,	36.8,	222.8,	0.0);
(734633.0,	3836678.0,	36.0,	222.8,	0.0);	(734658.0,	3836678.0,	36.3,	222.8,	0.0);
(734683.0,	3836678.0,	36.2,	222.8,	0.0);	(734708.0,	3836678.0,	36.0,	222.8,	0.0);
(734733.0,	3836678.0,	35.9,	222.8,	0.0);	(734758.0,	3836678.0,	36.1,	222.8,	0.0);
(734783.0,	3836678.0,	36.4,	222.8,	0.0);	(734808.0,	3836678.0,	36.6,	222.8,	0.0);
(734833.0,	3836678.0,	36.8,	222.8,	0.0);	(734633.0,	3836703.0,	36.0,	218.6,	0.0);
(734658.0,	3836703.0,	36.2,	218.6,	0.0);	(734683.0,	3836703.0,	36.1,	218.6,	0.0);
(734708.0,	3836703.0,	35.9,	221.0,	0.0);	(734733.0,	3836703.0,	35.8,	221.0,	0.0);
(734758.0,	3836703.0,	36.1,	221.0,	0.0);	(734783.0,	3836703.0,	36.4,	221.0,	0.0);
(734808.0,	3836703.0,	36.6,	218.6,	0.0);	(734833.0,	3836703.0,	36.9,	218.6,	0.0);
(734633.0,	3836728.0,	36.0,	210.3,	0.0);	(734658.0,	3836728.0,	36.3,	215.8,	0.0);
(734683.0,	3836728.0,	36.1,	215.8,	0.0);	(734708.0,	3836728.0,	35.8,	215.8,	0.0);
(734733.0,	3836728.0,	35.8,	215.8,	0.0);	(734758.0,	3836728.0,	35.9,	215.8,	0.0);
(734783.0,	3836728.0,	36.3,	215.8,	0.0);	(734808.0,	3836728.0,	36.5,	215.8,	0.0);
(734833.0,	3836728.0,	36.8,	215.8,	0.0);	(734633.0,	3836753.0,	36.0,	210.3,	0.0);
(734658.0,	3836753.0,	36.3,	210.3,	0.0);	(734683.0,	3836753.0,	36.1,	210.3,	0.0);
(734708.0,	3836753.0,	35.8,	215.8,	0.0);	(734733.0,	3836753.0,	35.7,	215.8,	0.0);
(734758.0,	3836753.0,	35.9,	215.8,	0.0);	(734783.0,	3836753.0,	36.2,	215.8,	0.0);
(734808.0,	3836753.0,	36.4,	215.8,	0.0);	(734833.0,	3836753.0,	36.7,	215.8,	0.0);
(734633.0,	3836778.0,	36.0,	210.3,	0.0);	(734658.0,	3836778.0,	36.3,	210.3,	0.0);
(734683.0,	3836778.0,	36.1,	210.3,	0.0);	(734708.0,	3836778.0,	35.8,	210.3,	0.0);
(734733.0,	3836778.0,	35.6,	215.8,	0.0);	(734758.0,	3836778.0,	35.9,	215.8,	0.0);
(734783.0,	3836778.0,	36.2,	215.8,	0.0);	(734808.0,	3836778.0,	36.3,	215.8,	0.0);
(734833.0,	3836778.0,	36.7,	215.8,	0.0);	(734633.0,	3836803.0,	35.9,	210.2,	0.0);
(734658.0,	3836803.0,	36.1,	210.2,	0.0);	(734683.0,	3836803.0,	36.0,	210.3,	0.0);
(734708.0,	3836803.0,	35.7,	210.3,	0.0);	(734733.0,	3836803.0,	35.5,	210.3,	0.0);
(734758.0,	3836803.0,	35.8,	215.8,	0.0);	(734783.0,	3836803.0,	36.2,	215.8,	0.0);
(734808.0,	3836803.0,	36.3,	215.8,	0.0);	(734833.0,	3836803.0,	36.7,	215.8,	0.0);
(734633.0,	3836828.0,	35.7,	35.7,	0.0);	(734658.0,	3836828.0,	35.9,	210.2,	0.0);
(734683.0,	3836828.0,	35.9,	210.2,	0.0);	(734708.0,	3836828.0,	35.6,	210.3,	0.0);
(734733.0,	3836828.0,	35.5,	210.3,	0.0);	(734758.0,	3836828.0,	35.8,	210.3,	0.0);
(734783.0,	3836828.0,	36.2,	210.3,	0.0);	(734808.0,	3836828.0,	36.3,	215.8,	0.0);
(734833.0,	3836828.0,	36.7,	215.8,	0.0);	(734633.0,	3836853.0,	35.3,	35.3,	0.0);
(734658.0,	3836853.0,	35.6,	35.6,	0.0);	(734683.0,	3836853.0,	35.6,	210.2,	0.0);
(734708.0,	3836853.0,	35.5,	210.2,	0.0);	(734733.0,	3836853.0,	35.7,	210.3,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(	734758.0,	3836853.0,	36.0,	210.3,	0.0);	(	734783.0,	3836853.0,	36.3,	210.3,	0.0);
(	734808.0,	3836853.0,	36.4,	210.3,	0.0);	(	734833.0,	3836853.0,	36.6,	210.3,	0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: Lompoc12-16.SFC Met Version: 16216
Profile file: Lompoc12-16.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 723965 Upper air station no.: 93214
Name: LOMPOC_-_H_STREET_2012_T_O2016 Name: UNKNOWN
Year: 2012 Year: 2012

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
12	01	01	1	01	-0.9	0.031	-9.000	-9.000	-999.	13.	3.2	0.21	1.01	1.00	0.60	232.	10.0	280.6	10.0
12	01	01	1	02	-0.6	0.026	-9.000	-9.000	-999.	10.	2.6	0.21	1.01	1.00	0.50	233.	10.0	279.5	10.0
12	01	01	1	03	-0.6	0.026	-9.000	-9.000	-999.	10.	2.6	0.21	1.01	1.00	0.50	231.	10.0	278.6	10.0
12	01	01	1	04	-0.2	0.016	-9.000	-9.000	-999.	5.	1.7	0.24	1.01	1.00	0.30	240.	10.0	277.6	10.0
12	01	01	1	05	-1.6	0.039	-9.000	-9.000	-999.	18.	3.3	0.04	1.01	1.00	1.06	146.	10.0	277.0	10.0
12	01	01	1	06	-0.2	0.015	-9.000	-9.000	-999.	4.	1.5	0.19	1.01	1.00	0.30	135.	10.0	276.8	10.0
12	01	01	1	07	-0.3	0.019	-9.000	-9.000	-999.	6.	2.1	0.41	1.01	1.00	0.30	76.	10.0	276.6	10.0
12	01	01	1	08	-3.1	0.056	-9.000	-9.000	-999.	32.	5.1	0.04	1.01	0.60	1.52	120.	10.0	281.1	10.0
12	01	01	1	09	16.9	0.100	-9.000	-9.000	-999.	76.	-5.4	0.24	1.01	0.34	0.60	251.	10.0	284.9	10.0
12	01	01	1	10	67.2	0.163	-9.000	-9.000	-999.	158.	-5.9	0.24	1.01	0.25	1.00	245.	10.0	287.9	10.0
12	01	01	1	11	104.2	0.204	-9.000	-9.000	-999.	221.	-7.4	0.31	1.01	0.22	1.20	270.	10.0	291.4	10.0
12	01	01	1	12	124.0	0.178	-9.000	-9.000	-999.	180.	-4.1	0.45	1.01	0.21	0.80	300.	10.0	294.1	10.0
12	01	01	1	13	131.9	0.151	-9.000	-9.000	-999.	141.	-2.4	0.16	1.01	0.20	0.90	162.	10.0	297.4	10.0
12	01	01	1	14	112.0	0.412	-9.000	-9.000	-999.	634.	-56.6	0.24	1.01	0.21	3.40	254.	10.0	291.1	10.0
12	01	01	1	15	77.3	0.363	-9.000	-9.000	-999.	528.	-56.4	0.24	1.01	0.24	3.00	253.	10.0	288.6	10.0
12	01	01	1	16	28.6	0.305	-9.000	-9.000	-999.	406.	-89.8	0.24	1.01	0.32	2.60	251.	10.0	286.2	10.0
12	01	01	1	17	-8.7	0.108	-9.000	-9.000	-999.	132.	13.1	0.24	1.01	0.56	2.00	254.	10.0	284.4	10.0
12	01	01	1	18	-6.3	0.086	-9.000	-9.000	-999.	61.	9.2	0.31	1.01	1.00	1.50	274.	10.0	283.4	10.0
12	01	01	1	19	-0.2	0.019	-9.000	-9.000	-999.	12.	3.1	0.45	1.01	1.00	0.30	315.	10.0	283.1	10.0
12	01	01	1	20	-1.1	0.042	-9.000	-9.000	-999.	21.	6.1	0.22	1.01	1.00	0.80	115.	10.0	283.2	10.0
12	01	01	1	21	-3.9	0.079	-9.000	-9.000	-999.	53.	11.5	0.22	1.01	1.00	1.50	119.	10.0	282.5	10.0
12	01	01	1	22	-1.4	0.046	-9.000	-9.000	-999.	24.	6.7	0.21	1.01	1.00	0.90	194.	10.0	281.4	10.0
12	01	01	1	23	-2.4	0.063	-9.000	-9.000	-999.	38.	9.5	0.31	1.01	1.00	1.10	275.	10.0	281.9	10.0
12	01	01	1	24	-0.9	0.037	-9.000	-9.000	-999.	17.	5.3	0.22	1.01	1.00	0.70	92.	10.0	282.0	10.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	10.0	1	232.	0.60	280.7	41.6	-99.00	0.34

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
734293.00	3836155.00	0.28337	734318.00	3836155.00	0.29362
734343.00	3836155.00	0.30415	734368.00	3836155.00	0.31471
734393.00	3836155.00	0.32548	734418.00	3836155.00	0.33613
734443.00	3836155.00	0.34691	734468.00	3836155.00	0.35756
734493.00	3836155.00	0.36809	734518.00	3836155.00	0.37837
734543.00	3836155.00	0.38850	734568.00	3836155.00	0.39877
734593.00	3836155.00	0.40880	734618.00	3836155.00	0.41914
734293.00	3836180.00	0.29670	734318.00	3836180.00	0.30842
734343.00	3836180.00	0.32048	734368.00	3836180.00	0.33270
734393.00	3836180.00	0.34504	734418.00	3836180.00	0.35759
734443.00	3836180.00	0.36988	734468.00	3836180.00	0.38219
734493.00	3836180.00	0.39431	734518.00	3836180.00	0.40632
734543.00	3836180.00	0.41834	734568.00	3836180.00	0.43004
734593.00	3836180.00	0.44183	734618.00	3836180.00	0.45414
734293.00	3836205.00	0.31075	734318.00	3836205.00	0.32410
734343.00	3836205.00	0.33793	734368.00	3836205.00	0.35183
734393.00	3836205.00	0.36622	734418.00	3836205.00	0.38071
734443.00	3836205.00	0.39510	734468.00	3836205.00	0.40940
734493.00	3836205.00	0.42348	734518.00	3836205.00	0.43754
734543.00	3836205.00	0.45176	734568.00	3836205.00	0.46501
734593.00	3836205.00	0.47830	734618.00	3836205.00	0.49307
734293.00	3836230.00	0.32473	734318.00	3836230.00	0.33965
734343.00	3836230.00	0.35502	734368.00	3836230.00	0.37091
734393.00	3836230.00	0.38747	734418.00	3836230.00	0.40458
734443.00	3836230.00	0.42161	734468.00	3836230.00	0.43835
734493.00	3836230.00	0.45507	734518.00	3836230.00	0.47187
734543.00	3836230.00	0.48892	734568.00	3836230.00	0.50447
734593.00	3836230.00	0.51995	734618.00	3836230.00	0.53777
734293.00	3836255.00	0.33874	734318.00	3836255.00	0.35599
734343.00	3836255.00	0.37347	734368.00	3836255.00	0.39170
734393.00	3836255.00	0.41057	734418.00	3836255.00	0.43058
734443.00	3836255.00	0.45103	734468.00	3836255.00	0.47119
734493.00	3836255.00	0.49057	734518.00	3836255.00	0.51052
734543.00	3836255.00	0.53122	734568.00	3836255.00	0.55007
734593.00	3836255.00	0.56883	734618.00	3836255.00	0.58939
734293.00	3836280.00	0.35224	734318.00	3836280.00	0.37184
734343.00	3836280.00	0.39224	734368.00	3836280.00	0.41301
734393.00	3836280.00	0.43510	734418.00	3836280.00	0.45779
734443.00	3836280.00	0.48225	734468.00	3836280.00	0.50651
734493.00	3836280.00	0.53086	734518.00	3836280.00	0.55389

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
734543.00	3836280.00	0.57843	734568.00	3836280.00	0.60175
734593.00	3836280.00	0.62385	734618.00	3836280.00	0.64719
734293.00	3836305.00	0.36530	734318.00	3836305.00	0.38720
734343.00	3836305.00	0.41048	734368.00	3836305.00	0.43485
734393.00	3836305.00	0.46045	734418.00	3836305.00	0.48685
734443.00	3836305.00	0.51526	734468.00	3836305.00	0.54519
734493.00	3836305.00	0.57401	734518.00	3836305.00	0.60242
734543.00	3836305.00	0.63095	734568.00	3836305.00	0.66016
734593.00	3836305.00	0.68747	734618.00	3836305.00	0.71628
734293.00	3836330.00	0.37837	734318.00	3836330.00	0.40233
734343.00	3836330.00	0.42840	734368.00	3836330.00	0.45635
734393.00	3836330.00	0.48638	734418.00	3836330.00	0.51741
734443.00	3836330.00	0.55032	734468.00	3836330.00	0.58636
734493.00	3836330.00	0.62202	734518.00	3836330.00	0.65711
734543.00	3836330.00	0.69202	734568.00	3836330.00	0.72868
734593.00	3836330.00	0.76388	734618.00	3836330.00	0.80232
734293.00	3836355.00	0.39211	734318.00	3836355.00	0.41820
734343.00	3836355.00	0.44673	734368.00	3836355.00	0.47948
734393.00	3836355.00	0.51495	734418.00	3836355.00	0.55128
734443.00	3836355.00	0.59104	734468.00	3836355.00	0.63254
734493.00	3836355.00	0.67683	734518.00	3836355.00	0.72244
734543.00	3836355.00	0.76871	734568.00	3836355.00	0.81454
734593.00	3836355.00	0.86152	734618.00	3836355.00	0.91194
734293.00	3836380.00	0.40556	734318.00	3836380.00	0.43362
734343.00	3836380.00	0.46465	734368.00	3836380.00	0.50087
734393.00	3836380.00	0.54104	734418.00	3836380.00	0.58454
734443.00	3836380.00	0.63159	734468.00	3836380.00	0.68172
734493.00	3836380.00	0.73457	734518.00	3836380.00	0.79479
734543.00	3836380.00	0.85850	734568.00	3836380.00	0.91928
734593.00	3836380.00	0.98337	734618.00	3836380.00	1.04947
734293.00	3836405.00	0.41931	734318.00	3836405.00	0.44942
734343.00	3836405.00	0.48242	734368.00	3836405.00	0.52216
734393.00	3836405.00	0.56689	734418.00	3836405.00	0.61525
734443.00	3836405.00	0.67124	734468.00	3836405.00	0.73327
734493.00	3836405.00	0.79833	734518.00	3836405.00	0.87400
734543.00	3836405.00	0.96079	734568.00	3836405.00	1.04973
734593.00	3836405.00	1.13510	734618.00	3836405.00	1.22453
734293.00	3836430.00	0.43356	734318.00	3836430.00	0.46576
734343.00	3836430.00	0.50129	734368.00	3836430.00	0.54366
734393.00	3836430.00	0.59214	734418.00	3836430.00	0.64548

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
734443.00	3836430.00	0.70847	734468.00	3836430.00	0.78312
734493.00	3836430.00	0.86710	734518.00	3836430.00	0.96374
734543.00	3836430.00	1.07771	734568.00	3836430.00	1.20259
734593.00	3836430.00	1.32883	734618.00	3836430.00	1.45647
734293.00	3836455.00	0.44774	734318.00	3836455.00	0.48230
734343.00	3836455.00	0.52083	734368.00	3836455.00	0.56720
734393.00	3836455.00	0.61978	734418.00	3836455.00	0.67602
734443.00	3836455.00	0.74579	734468.00	3836455.00	0.83193
734493.00	3836455.00	0.93376	734518.00	3836455.00	1.05607
734543.00	3836455.00	1.20629	734568.00	3836455.00	1.38524
734593.00	3836455.00	1.58103	734618.00	3836455.00	1.77327
734293.00	3836480.00	0.46044	734318.00	3836480.00	0.49798
734343.00	3836480.00	0.53978	734368.00	3836480.00	0.58861
734393.00	3836480.00	0.64505	734418.00	3836480.00	0.70840
734443.00	3836480.00	0.78500	734468.00	3836480.00	0.87938
734493.00	3836480.00	0.99734	734518.00	3836480.00	1.14524
734543.00	3836480.00	1.33743	734568.00	3836480.00	1.58133
734593.00	3836480.00	1.88174	734618.00	3836480.00	2.20127
734293.00	3836505.00	0.47265	734318.00	3836505.00	0.51206
734343.00	3836505.00	0.55687	734368.00	3836505.00	0.61040
734393.00	3836505.00	0.67095	734418.00	3836505.00	0.73939
734443.00	3836505.00	0.82547	734468.00	3836505.00	0.93093
734493.00	3836505.00	1.06441	734518.00	3836505.00	1.23301
734543.00	3836505.00	1.46490	734568.00	3836505.00	1.77836
734593.00	3836505.00	2.20175	734618.00	3836505.00	2.71645
734293.00	3836530.00	0.48305	734318.00	3836530.00	0.52418
734343.00	3836530.00	0.57074	734368.00	3836530.00	0.62868
734393.00	3836530.00	0.69372	734418.00	3836530.00	0.76969
734443.00	3836530.00	0.86562	734468.00	3836530.00	0.98456
734493.00	3836530.00	1.13649	734518.00	3836530.00	1.33747
734543.00	3836530.00	1.60980	734568.00	3836530.00	1.98719
734593.00	3836530.00	2.52143	734611.02	3836528.56	2.95666
734293.00	3836555.00	0.49361	734318.00	3836555.00	0.53632
734343.00	3836555.00	0.58529	734368.00	3836555.00	0.64675
734393.00	3836555.00	0.71827	734418.00	3836555.00	0.80094
734443.00	3836555.00	0.90846	734468.00	3836555.00	1.04602
734493.00	3836555.00	1.22177	734518.00	3836555.00	1.46492
734543.00	3836555.00	1.80660	734568.00	3836555.00	2.31845
734593.00	3836555.00	3.08084	734610.30	3836554.52	3.87062
734293.00	3836580.00	0.50528	734318.00	3836580.00	0.55102

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
734343.00	3836580.00	0.60358	734368.00	3836580.00	0.67210
734393.00	3836580.00	0.75056	734418.00	3836580.00	0.84398
734443.00	3836580.00	0.96947	734468.00	3836580.00	1.13778
734493.00	3836580.00	1.36383	734518.00	3836580.00	1.68492
734543.00	3836580.00	2.16538	734568.00	3836580.00	2.98667
734593.00	3836580.00	4.56936	734610.30	3836580.00	6.61634
734293.00	3836605.00	0.51598	734318.00	3836605.00	0.56490
734343.00	3836605.00	0.62173	734368.00	3836605.00	0.69644
734393.00	3836605.00	0.79033	734418.00	3836605.00	0.90170
734443.00	3836605.00	1.05656	734468.00	3836605.00	1.26464
734493.00	3836605.00	1.56337	734518.00	3836605.00	2.00593
734543.00	3836605.00	2.71202	734568.00	3836605.00	3.87305
734593.00	3836605.00	5.68484	734609.57	3836605.00	7.20390
734293.00	3836630.00	0.52793	734318.00	3836630.00	0.58145
734343.00	3836630.00	0.64565	734368.00	3836630.00	0.73327
734393.00	3836630.00	0.83705	734418.00	3836630.00	0.97276
734443.00	3836630.00	1.15859	734468.00	3836630.00	1.42299
734493.00	3836630.00	1.78439	734518.00	3836630.00	2.31744
734543.00	3836630.00	3.06279	734568.00	3836630.00	4.05957
734593.00	3836630.00	5.20053	734609.33	3836629.52	5.72785
734293.00	3836655.00	0.54017	734318.00	3836655.00	0.59970
734343.00	3836655.00	0.67162	734368.00	3836655.00	0.76707
734393.00	3836655.00	0.88686	734418.00	3836655.00	1.04021
734443.00	3836655.00	1.24637	734468.00	3836655.00	1.52683
734493.00	3836655.00	1.91101	734518.00	3836655.00	2.41302
734543.00	3836655.00	2.99794	734568.00	3836655.00	3.63175
734593.00	3836655.00	4.06135	734608.61	3836654.76	4.16239
734293.00	3836680.00	0.55355	734318.00	3836680.00	0.61432
734343.00	3836680.00	0.68989	734368.00	3836680.00	0.79241
734393.00	3836680.00	0.91730	734418.00	3836680.00	1.07849
734443.00	3836680.00	1.28442	734468.00	3836680.00	1.56968
734493.00	3836680.00	1.89418	734518.00	3836680.00	2.27851
734543.00	3836680.00	2.68096	734568.00	3836680.00	2.99972
734593.00	3836680.00	3.10668	734293.00	3836705.00	0.56058
734318.00	3836705.00	0.62572	734343.00	3836705.00	0.70220
734368.00	3836705.00	0.80295	734393.00	3836705.00	0.92995
734418.00	3836705.00	1.08834	734443.00	3836705.00	1.28730
734468.00	3836705.00	1.51210	734493.00	3836705.00	1.77840
734518.00	3836705.00	2.03673	734543.00	3836705.00	2.28352
734568.00	3836705.00	2.42254	734593.00	3836705.00	2.42419

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
734293.00	3836730.00	0.56323	734318.00	3836730.00	0.62550
734343.00	3836730.00	0.70204	734368.00	3836730.00	0.80254
734393.00	3836730.00	0.92035	734418.00	3836730.00	1.06088
734443.00	3836730.00	1.22066	734468.00	3836730.00	1.40592
734493.00	3836730.00	1.60381	734518.00	3836730.00	1.77370
734543.00	3836730.00	1.90096	734568.00	3836730.00	1.94470
734593.00	3836730.00	1.94015	734293.00	3836755.00	0.55984
734318.00	3836755.00	0.62085	734343.00	3836755.00	0.69430
734368.00	3836755.00	0.78529	734393.00	3836755.00	0.88935
734418.00	3836755.00	1.00003	734443.00	3836755.00	1.13398
734468.00	3836755.00	1.27695	734493.00	3836755.00	1.41579
734518.00	3836755.00	1.50935	734543.00	3836755.00	1.57798
734568.00	3836755.00	1.60073	734593.00	3836755.00	1.59208
734293.00	3836780.00	0.55288	734318.00	3836780.00	0.60975
734343.00	3836780.00	0.67383	734368.00	3836780.00	0.75366
734393.00	3836780.00	0.84235	734418.00	3836780.00	0.93399
734443.00	3836780.00	1.04105	734468.00	3836780.00	1.15306
734493.00	3836780.00	1.23825	734518.00	3836780.00	1.29494
734543.00	3836780.00	1.32781	734568.00	3836780.00	1.34839
734593.00	3836780.00	1.34319	734293.00	3836805.00	0.54255
734318.00	3836805.00	0.59359	734343.00	3836805.00	0.64811
734368.00	3836805.00	0.71588	734393.00	3836805.00	0.78686
734418.00	3836805.00	0.86324	734443.00	3836805.00	0.95098
734468.00	3836805.00	1.02296	734493.00	3836805.00	1.07936
734518.00	3836805.00	1.11473	734543.00	3836805.00	1.13995
734568.00	3836805.00	1.15698	734593.00	3836805.00	1.15393
734293.00	3836830.00	0.52687	734318.00	3836830.00	0.57144
734343.00	3836830.00	0.61907	734368.00	3836830.00	0.67473
734393.00	3836830.00	0.73618	734418.00	3836830.00	0.79878
734443.00	3836830.00	0.85827	734468.00	3836830.00	0.90855
734493.00	3836830.00	0.94464	734518.00	3836830.00	0.97215
734543.00	3836830.00	0.99767	734568.00	3836830.00	1.01117
734593.00	3836830.00	1.00528	734293.00	3836855.00	0.51047
734318.00	3836855.00	0.54875	734343.00	3836855.00	0.59082
734368.00	3836855.00	0.63763	734393.00	3836855.00	0.68611
734418.00	3836855.00	0.73518	734443.00	3836855.00	0.77565
734468.00	3836855.00	0.81049	734493.00	3836855.00	0.83538
734518.00	3836855.00	0.86038	734543.00	3836855.00	0.87925
734568.00	3836855.00	0.89436	734593.00	3836855.00	0.88428
734633.00	3836153.00	0.42341	734658.00	3836153.00	0.43276

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
734683.00	3836153.00	0.43158	734708.00	3836153.00	0.43643
734733.00	3836153.00	0.45140	734758.00	3836153.00	0.45761
734783.00	3836153.00	0.46255	734808.00	3836153.00	0.46514
734833.00	3836153.00	0.45544	734858.00	3836153.00	0.45016
734633.00	3836178.00	0.45897	734658.00	3836178.00	0.46786
734683.00	3836178.00	0.46847	734708.00	3836178.00	0.47645
734733.00	3836178.00	0.49296	734758.00	3836178.00	0.50229
734783.00	3836178.00	0.50483	734808.00	3836178.00	0.50226
734833.00	3836178.00	0.49807	734858.00	3836178.00	0.49999
734883.00	3836178.00	0.50176	734633.00	3836203.00	0.49931
734658.00	3836203.00	0.50722	734683.00	3836203.00	0.51174
734708.00	3836203.00	0.52316	734733.00	3836203.00	0.53960
734758.00	3836203.00	0.54602	734783.00	3836203.00	0.54841
734808.00	3836203.00	0.54989	734833.00	3836203.00	0.55193
734858.00	3836203.00	0.55735	734883.00	3836203.00	0.56519
734908.00	3836203.00	0.57175	734633.00	3836228.00	0.54569
734658.00	3836228.00	0.55726	734683.00	3836228.00	0.56488
734708.00	3836228.00	0.57994	734733.00	3836228.00	0.59729
734758.00	3836228.00	0.60075	734783.00	3836228.00	0.60521
734808.00	3836228.00	0.61092	734833.00	3836228.00	0.61766
734858.00	3836228.00	0.62684	734883.00	3836228.00	0.63758
734908.00	3836228.00	0.65261	734933.00	3836228.00	0.66969
734633.00	3836253.00	0.59876	734658.00	3836253.00	0.62168
734683.00	3836253.00	0.63526	734708.00	3836253.00	0.65175
734733.00	3836253.00	0.66981	734758.00	3836253.00	0.67314
734783.00	3836253.00	0.68063	734808.00	3836253.00	0.69170
734833.00	3836253.00	0.70196	734858.00	3836253.00	0.71496
734883.00	3836253.00	0.73118	734908.00	3836253.00	0.75355
734933.00	3836253.00	0.78169	734958.00	3836253.00	0.81063
734633.00	3836278.00	0.65814	734658.00	3836278.00	0.69030
734683.00	3836278.00	0.71845	734708.00	3836278.00	0.74527
734733.00	3836278.00	0.76450	734758.00	3836278.00	0.77445
734783.00	3836278.00	0.78693	734808.00	3836278.00	0.80281
734833.00	3836278.00	0.81925	734858.00	3836278.00	0.83745
734883.00	3836278.00	0.86205	734908.00	3836278.00	0.89923
734933.00	3836278.00	0.93683	734958.00	3836278.00	0.97444
734633.00	3836303.00	0.73093	734658.00	3836303.00	0.76969
734683.00	3836303.00	0.81445	734708.00	3836303.00	0.85969
734733.00	3836303.00	0.90373	734758.00	3836303.00	0.92215
734783.00	3836303.00	0.94054	734808.00	3836303.00	0.96248

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
734833.00	3836303.00	0.98514	734858.00	3836303.00	1.01364
734883.00	3836303.00	1.05691	734908.00	3836303.00	1.11267
734933.00	3836303.00	1.15970	734958.00	3836303.00	1.20028
734633.00	3836328.00	0.82174	734658.00	3836328.00	0.87530
734683.00	3836328.00	0.93485	734708.00	3836328.00	1.00324
734733.00	3836328.00	1.06805	734758.00	3836328.00	1.11609
734783.00	3836328.00	1.14946	734808.00	3836328.00	1.18436
734833.00	3836328.00	1.22670	734858.00	3836328.00	1.28263
734883.00	3836328.00	1.35489	734908.00	3836328.00	1.42733
734933.00	3836328.00	1.48152	734958.00	3836328.00	1.51836
734633.00	3836353.00	0.93576	734658.00	3836353.00	1.00974
734683.00	3836353.00	1.09694	734708.00	3836353.00	1.19470
734733.00	3836353.00	1.28626	734758.00	3836353.00	1.35178
734783.00	3836353.00	1.40692	734808.00	3836353.00	1.47501
734833.00	3836353.00	1.57054	734858.00	3836353.00	1.68833
734883.00	3836353.00	1.80310	734908.00	3836353.00	1.89392
734933.00	3836353.00	1.94352	734958.00	3836353.00	1.95942
734633.00	3836378.00	1.08234	734658.00	3836378.00	1.18350
734683.00	3836378.00	1.31516	734708.00	3836378.00	1.46061
734733.00	3836378.00	1.58850	734758.00	3836378.00	1.68452
734783.00	3836378.00	1.79469	734808.00	3836378.00	1.95238
734833.00	3836378.00	2.15260	734858.00	3836378.00	2.34873
734883.00	3836378.00	2.49760	734908.00	3836378.00	2.58134
734933.00	3836378.00	2.60085	734958.00	3836378.00	2.56330
734633.00	3836403.00	1.27043	734658.00	3836403.00	1.41598
734683.00	3836403.00	1.61468	734708.00	3836403.00	1.83129
734733.00	3836403.00	2.01525	734758.00	3836403.00	2.19656
734783.00	3836403.00	2.47288	734808.00	3836403.00	2.83212
734833.00	3836403.00	3.19409	734858.00	3836403.00	3.45593
734883.00	3836403.00	3.58887	734908.00	3836403.00	3.59604
734933.00	3836403.00	3.49759	734958.00	3836403.00	3.32891
734633.00	3836428.00	1.52054	734658.00	3836428.00	1.73033
734683.00	3836428.00	2.03512	734708.00	3836428.00	2.34995
734733.00	3836428.00	2.65774	734758.00	3836428.00	3.14131
734783.00	3836428.00	3.85398	734808.00	3836428.00	4.57204
734833.00	3836428.00	5.06617	734858.00	3836428.00	5.27353
734883.00	3836428.00	5.20944	734908.00	3836428.00	4.96542
734933.00	3836428.00	4.62599	734958.00	3836428.00	4.24908
734633.00	3836453.00	1.85903	734658.00	3836453.00	2.14889
734683.00	3836453.00	2.60378	734708.00	3836453.00	3.08190

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
734733.00	3836453.00	3.82828	734758.00	3836453.00	5.28209
734783.00	3836453.00	6.88779	734808.00	3836453.00	7.93252
734833.00	3836453.00	8.22259	734858.00	3836453.00	7.96908
734883.00	3836453.00	7.40550	734908.00	3836453.00	6.70875
734933.00	3836453.00	5.99671	734958.00	3836453.00	5.33275
734633.00	3836478.00	2.33384	734658.00	3836478.00	2.65470
734683.00	3836478.00	3.23027	734708.00	3836478.00	4.08920
734733.00	3836478.00	6.65903	734758.00	3836478.00	10.53382
734783.00	3836478.00	13.03582	734808.00	3836478.00	13.63179
734833.00	3836478.00	12.93396	734858.00	3836478.00	11.63535
734883.00	3836478.00	10.16414	734908.00	3836478.00	8.77663
734933.00	3836478.00	7.54245	734958.00	3836478.00	6.48416
734633.00	3836503.00	2.92078	734658.00	3836503.00	2.98779
734683.00	3836503.00	3.37050	734708.00	3836503.00	5.94983
734733.00	3836503.00	13.79230	734758.00	3836503.00	21.21306
734783.00	3836503.00	23.26208	734808.00	3836503.00	21.78363
734833.00	3836503.00	18.90545	734858.00	3836503.00	15.88089
734883.00	3836503.00	13.16964	734908.00	3836503.00	10.88712
734933.00	3836503.00	9.02711	734958.00	3836503.00	7.53849
734633.00	3836528.00	3.63982	734658.00	3836528.00	3.40656
734683.00	3836528.00	3.83703	734708.00	3836528.00	10.58525
734733.00	3836528.00	27.87255	734758.00	3836528.00	35.55244
734783.00	3836528.00	34.26786	734808.00	3836528.00	29.17812
734833.00	3836528.00	23.65360	734633.00	3836553.00	7.39939
734658.00	3836553.00	10.46642	734683.00	3836553.00	6.35858
734708.00	3836553.00	10.65753	734733.00	3836553.00	32.50512
734758.00	3836553.00	38.27333	734783.00	3836553.00	35.16346
734808.00	3836553.00	28.94186	734833.00	3836553.00	23.00984
734633.00	3836578.00	14.35577	734658.00	3836578.00	12.71116
734683.00	3836578.00	2.25837	734708.00	3836578.00	2.80401
734733.00	3836578.00	12.03849	734758.00	3836578.00	20.27096
734783.00	3836578.00	22.04785	734808.00	3836578.00	19.88729
734833.00	3836578.00	16.79246	734633.00	3836603.00	8.99298
734658.00	3836603.00	7.12321	734683.00	3836603.00	3.36389
734708.00	3836603.00	2.48905	734733.00	3836603.00	3.46314
734758.00	3836603.00	6.15968	734783.00	3836603.00	8.43586
734808.00	3836603.00	9.22804	734833.00	3836603.00	9.01438
734633.00	3836628.00	5.89029	734658.00	3836628.00	4.60710
734683.00	3836628.00	3.12645	734708.00	3836628.00	2.47824
734733.00	3836628.00	2.29971	734758.00	3836628.00	2.67029

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
734783.00	3836628.00	3.41655	734808.00	3836628.00	4.10629
734833.00	3836628.00	4.54441	734633.00	3836653.00	4.01832
734658.00	3836653.00	3.29338	734683.00	3836653.00	2.50436
734708.00	3836653.00	2.07532	734733.00	3836653.00	1.84148
734758.00	3836653.00	1.80521	734783.00	3836653.00	1.96468
734808.00	3836653.00	2.22989	734833.00	3836653.00	2.51619
734633.00	3836678.00	2.92461	734658.00	3836678.00	2.46148
734683.00	3836678.00	1.99876	734708.00	3836678.00	1.72472
734733.00	3836678.00	1.54648	734758.00	3836678.00	1.44824
734783.00	3836678.00	1.44814	734808.00	3836678.00	1.52035
734833.00	3836678.00	1.64335	734633.00	3836703.00	2.25398
734658.00	3836703.00	1.93507	734683.00	3836703.00	1.64051
734708.00	3836703.00	1.45686	734733.00	3836703.00	1.32996
734758.00	3836703.00	1.23891	734783.00	3836703.00	1.19623
734808.00	3836703.00	1.19596	734833.00	3836703.00	1.23279
734633.00	3836728.00	1.80274	734658.00	3836728.00	1.58201
734683.00	3836728.00	1.38327	734708.00	3836728.00	1.25387
734733.00	3836728.00	1.16305	734758.00	3836728.00	1.09113
734783.00	3836728.00	1.04089	734808.00	3836728.00	1.01705
734833.00	3836728.00	1.01821	734633.00	3836753.00	1.48082
734658.00	3836753.00	1.32938	734683.00	3836753.00	1.19208
734708.00	3836753.00	1.09940	734733.00	3836753.00	1.03301
734758.00	3836753.00	0.98010	734783.00	3836753.00	0.93417
734808.00	3836753.00	0.90230	734833.00	3836753.00	0.88612
734633.00	3836778.00	1.25002	734658.00	3836778.00	1.14149
734683.00	3836778.00	1.04562	734708.00	3836778.00	0.97868
734733.00	3836778.00	0.92787	734758.00	3836778.00	0.89032
734783.00	3836778.00	0.85323	734808.00	3836778.00	0.81954
734833.00	3836778.00	0.79685	734633.00	3836803.00	1.07801
734658.00	3836803.00	0.99723	734683.00	3836803.00	0.93020
734708.00	3836803.00	0.88073	734733.00	3836803.00	0.84106
734758.00	3836803.00	0.81333	734783.00	3836803.00	0.78637
734808.00	3836803.00	0.75540	734833.00	3836803.00	0.73017
734633.00	3836828.00	0.94282	734658.00	3836828.00	0.88431
734683.00	3836828.00	0.83648	734708.00	3836828.00	0.80065
734733.00	3836828.00	0.76970	734758.00	3836828.00	0.74835
734783.00	3836828.00	0.72823	734808.00	3836828.00	0.70163
734833.00	3836828.00	0.67571	734633.00	3836853.00	0.83376
734658.00	3836853.00	0.79172	734683.00	3836853.00	0.75786
734708.00	3836853.00	0.73286	734733.00	3836853.00	0.71262

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
734758.00	3836853.00	0.69465	734783.00	3836853.00	0.67587
734808.00	3836853.00	0.65350	734833.00	3836853.00	0.62930

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
734293.00	3836155.00	47.76319	(15111908)	734318.00	3836155.00	52.31410	(15111908)
734343.00	3836155.00	55.86631	(15111908)	734368.00	3836155.00	55.19369	(15111908)
734393.00	3836155.00	54.42754	(15111908)	734418.00	3836155.00	51.14177	(15111908)
734443.00	3836155.00	46.34569	(15111908)	734468.00	3836155.00	40.44823	(15111908)
734493.00	3836155.00	36.46910	(16012208)	734518.00	3836155.00	53.66967	(16012208)
734543.00	3836155.00	60.78770	(16012208)	734568.00	3836155.00	62.55474	(16012208)
734593.00	3836155.00	111.55214	(15021608)	734618.00	3836155.00	151.58483	(15021608)
734293.00	3836180.00	56.99126	(16112308)	734318.00	3836180.00	54.03558	(15111908)
734343.00	3836180.00	59.85575	(15111908)	734368.00	3836180.00	64.06140	(15111908)
734393.00	3836180.00	61.59117	(15111908)	734418.00	3836180.00	59.55990	(15111908)
734443.00	3836180.00	54.55922	(15111908)	734468.00	3836180.00	48.16534	(15111908)
734493.00	3836180.00	40.68510	(15111908)	734518.00	3836180.00	64.97912	(16012208)
734543.00	3836180.00	76.40779	(16012208)	734568.00	3836180.00	80.54136	(16012208)
734593.00	3836180.00	116.53699	(15021608)	734618.00	3836180.00	173.46864	(15021608)
734293.00	3836205.00	66.09390	(16112308)	734318.00	3836205.00	59.69265	(16112308)
734343.00	3836205.00	62.42831	(15111908)	734368.00	3836205.00	69.80460	(15111908)
734393.00	3836205.00	74.63074	(15111908)	734418.00	3836205.00	69.06460	(15111908)
734443.00	3836205.00	64.93422	(15111908)	734468.00	3836205.00	57.66264	(15111908)
734493.00	3836205.00	49.28512	(15111908)	734518.00	3836205.00	62.91975	(16012208)
734543.00	3836205.00	94.10157	(16012208)	734568.00	3836205.00	102.40254	(16012208)
734593.00	3836205.00	118.14107	(15021608)	734618.00	3836205.00	195.91133	(15021608)
734293.00	3836230.00	79.95377	(15112308)	734318.00	3836230.00	73.60502	(15112308)
734343.00	3836230.00	61.87326	(16112308)	734368.00	3836230.00	73.05941	(15111908)
734393.00	3836230.00	82.48604	(15111908)	734418.00	3836230.00	87.45341	(15111908)
734443.00	3836230.00	76.91282	(15111908)	734468.00	3836230.00	69.74275	(15111908)
734493.00	3836230.00	59.78147	(15111908)	734518.00	3836230.00	69.69767	(16012208)
734543.00	3836230.00	112.37138	(16012208)	734568.00	3836230.00	127.57025	(16012208)
734593.00	3836230.00	115.87992	(15021608)	734618.00	3836230.00	217.60304	(15021608)
734293.00	3836255.00	88.69889	(15112308)	734318.00	3836255.00	91.75062	(15112308)
734343.00	3836255.00	85.92532	(15112308)	734368.00	3836255.00	72.85777	(15111908)
734393.00	3836255.00	87.35766	(15111908)	734418.00	3836255.00	99.09066	(15111908)
734443.00	3836255.00	103.11437	(15111908)	734468.00	3836255.00	86.59776	(12102718)
734493.00	3836255.00	73.80232	(15111908)	734518.00	3836255.00	70.68709	(16012208)
734543.00	3836255.00	129.42130	(16012208)	734568.00	3836255.00	154.89542	(16012208)
734593.00	3836255.00	156.93925	(16012208)	734618.00	3836255.00	235.29389	(15021608)
734293.00	3836280.00	88.38156	(15112308)	734318.00	3836280.00	100.45077	(15112308)
734343.00	3836280.00	106.43067	(15112308)	734368.00	3836280.00	101.69106	(15112308)
734393.00	3836280.00	86.48196	(15111908)	734418.00	3836280.00	105.91152	(15111908)
734443.00	3836280.00	119.81757	(15111908)	734468.00	3836280.00	102.69660	(12102718)
734493.00	3836280.00	106.88233	(12102718)	734518.00	3836280.00	76.86446	(12102718)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
734543.00	3836280.00	112.49712	(16012208)	734568.00	3836280.00	181.76373	(16012208)
734593.00	3836280.00	193.10742	(16012208)	734618.00	3836280.00	244.68369	(15021608)
734293.00	3836305.00	77.77584	(15112308)	734318.00	3836305.00	96.91506	(15112308)
734343.00	3836305.00	113.94539	(15112308)	734368.00	3836305.00	123.71810	(15112308)
734393.00	3836305.00	120.36673	(15112308)	734418.00	3836305.00	103.61143	(15111908)
734443.00	3836305.00	129.38357	(15111908)	734468.00	3836305.00	144.42317	(15111908)
734493.00	3836305.00	131.26179	(12102718)	734518.00	3836305.00	101.74949	(12102718)
734543.00	3836305.00	116.17299	(16012208)	734568.00	3836305.00	204.14932	(16012208)
734593.00	3836305.00	231.46294	(16012208)	734618.00	3836305.00	244.19027	(15021608)
734293.00	3836330.00	56.80930	(15112308)	734318.00	3836330.00	80.58292	(15112308)
734343.00	3836330.00	104.84881	(15112308)	734368.00	3836330.00	127.99056	(15112308)
734393.00	3836330.00	142.78321	(15112308)	734418.00	3836330.00	139.99458	(15112308)
734443.00	3836330.00	124.98321	(15111908)	734468.00	3836330.00	158.47533	(15111908)
734493.00	3836330.00	172.09105	(15111908)	734518.00	3836330.00	163.28624	(12102718)
734543.00	3836330.00	114.21502	(12102718)	734568.00	3836330.00	217.44858	(16012208)
734593.00	3836330.00	268.53604	(16012208)	734618.00	3836330.00	256.03500	(16012208)
734293.00	3836355.00	50.35294	(14120408)	734318.00	3836355.00	60.93055	(14120408)
734343.00	3836355.00	80.33259	(15112308)	734368.00	3836355.00	111.38584	(15112308)
734393.00	3836355.00	142.07717	(15112308)	734418.00	3836355.00	162.10471	(15112308)
734443.00	3836355.00	168.98290	(14112008)	734468.00	3836355.00	153.02616	(15111908)
734493.00	3836355.00	195.52143	(15111908)	734518.00	3836355.00	203.26547	(15111908)
734543.00	3836355.00	195.57915	(12102718)	734568.00	3836355.00	168.12741	(16012208)
734593.00	3836355.00	300.97114	(16012208)	734618.00	3836355.00	307.68582	(16012208)
734293.00	3836380.00	51.05657	(15013108)	734318.00	3836380.00	49.89092	(15013108)
734343.00	3836380.00	76.17750	(14120408)	734368.00	3836380.00	93.53678	(14120408)
734393.00	3836380.00	112.04503	(15112308)	734418.00	3836380.00	153.95829	(14112008)
734443.00	3836380.00	192.92281	(14112008)	734468.00	3836380.00	210.72253	(14112008)
734493.00	3836380.00	186.50328	(15111908)	734518.00	3836380.00	238.38681	(15111908)
734543.00	3836380.00	240.88959	(12102718)	734568.00	3836380.00	177.34295	(15112019)
734593.00	3836380.00	316.83750	(16012208)	734618.00	3836380.00	360.09744	(16012208)
734293.00	3836405.00	63.15636	(15013108)	734318.00	3836405.00	69.76231	(15013108)
734343.00	3836405.00	73.86658	(15013108)	734368.00	3836405.00	92.96795	(14120408)
734393.00	3836405.00	117.27239	(14120408)	734418.00	3836405.00	142.03405	(14120408)
734443.00	3836405.00	173.38242	(14112008)	734468.00	3836405.00	230.61531	(14112008)
734493.00	3836405.00	259.75496	(14112008)	734518.00	3836405.00	226.68342	(15111908)
734543.00	3836405.00	288.44989	(15111908)	734568.00	3836405.00	293.77532	(12102718)
734593.00	3836405.00	305.55982	(16012208)	734618.00	3836405.00	402.99612	(16012208)
734293.00	3836430.00	67.53243	(15013108)	734318.00	3836430.00	78.00992	(15013108)
734343.00	3836430.00	87.95339	(15013108)	734368.00	3836430.00	97.49128	(15013108)
734393.00	3836430.00	101.16437	(15013108)	734418.00	3836430.00	139.63377	(14120408)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
734443.00	3836430.00	175.90018	(14120408)	734468.00	3836430.00	208.34847	(14120408)
734493.00	3836430.00	265.55202	(14112008)	734518.00	3836430.00	316.59443	(14112008)
734543.00	3836430.00	287.85711	(14112008)	734568.00	3836430.00	342.49163	(15111908)
734593.00	3836430.00	334.90393	(12102718)	734618.00	3836430.00	426.15439	(16012208)
734293.00	3836455.00	74.69772	(12122218)	734318.00	3836455.00	85.53658	(12122218)
734343.00	3836455.00	96.18325	(12122218)	734368.00	3836455.00	106.68889	(12122218)
734393.00	3836455.00	115.98771	(15013108)	734418.00	3836455.00	121.97083	(15013108)
734443.00	3836455.00	123.08870	(15013108)	734468.00	3836455.00	204.90696	(14120408)
734493.00	3836455.00	254.37495	(14120408)	734518.00	3836455.00	290.10017	(14112008)
734543.00	3836455.00	377.93093	(14112008)	734568.00	3836455.00	351.60998	(14112008)
734593.00	3836455.00	403.65138	(12102718)	734618.00	3836455.00	415.59879	(16012208)
734293.00	3836480.00	87.76461	(13020908)	734318.00	3836480.00	95.37419	(16021618)
734343.00	3836480.00	107.02519	(16021618)	734368.00	3836480.00	116.52677	(12122218)
734393.00	3836480.00	130.45382	(12122218)	734418.00	3836480.00	140.39246	(12122218)
734443.00	3836480.00	145.27679	(12122218)	734468.00	3836480.00	141.07511	(12122218)
734493.00	3836480.00	216.71318	(14120408)	734518.00	3836480.00	288.16064	(14120408)
734543.00	3836480.00	350.00208	(14120408)	734568.00	3836480.00	436.61140	(14112008)
734593.00	3836480.00	439.54435	(14112008)	734618.00	3836480.00	514.37779	(12102718)
734293.00	3836505.00	126.48245	(13022208)	734318.00	3836505.00	138.82807	(13022208)
734343.00	3836505.00	151.19539	(13022208)	734368.00	3836505.00	163.58184	(13022208)
734393.00	3836505.00	173.87205	(13022208)	734418.00	3836505.00	181.25441	(14121808)
734443.00	3836505.00	210.86983	(14121808)	734468.00	3836505.00	238.65498	(14121808)
734493.00	3836505.00	261.19523	(14121808)	734518.00	3836505.00	180.15439	(14121808)
734543.00	3836505.00	290.13666	(14120408)	734568.00	3836505.00	405.63572	(14120408)
734593.00	3836505.00	492.50242	(14120408)	734618.00	3836505.00	569.54681	(14112008)
734293.00	3836530.00	132.78490	(13022208)	734318.00	3836530.00	150.61608	(13022208)
734343.00	3836530.00	171.31640	(13022208)	734368.00	3836530.00	196.79776	(13022208)
734393.00	3836530.00	225.55314	(13022208)	734418.00	3836530.00	256.53382	(13022208)
734443.00	3836530.00	291.14901	(13022208)	734468.00	3836530.00	326.10465	(13022208)
734493.00	3836530.00	359.14931	(13022208)	734518.00	3836530.00	385.34745	(13022208)
734543.00	3836530.00	401.26299	(13022208)	734568.00	3836530.00	442.10728	(14121808)
734593.00	3836530.00	488.79339	(14121808)	734611.02	3836528.56	597.76264	(14120408)
734293.00	3836555.00	133.74360	(15012208)	734318.00	3836555.00	156.93431	(15012208)
734343.00	3836555.00	185.30088	(15012208)	734368.00	3836555.00	222.45232	(15012208)
734393.00	3836555.00	264.91879	(15012208)	734418.00	3836555.00	312.46361	(15012208)
734443.00	3836555.00	368.59869	(15012208)	734468.00	3836555.00	426.93172	(15012208)
734493.00	3836555.00	484.23822	(15012208)	734518.00	3836555.00	536.26512	(15012208)
734543.00	3836555.00	582.15872	(15012208)	734568.00	3836555.00	628.45859	(15012208)
734593.00	3836555.00	674.32369	(15012208)	734610.30	3836554.52	729.07884	(15012208)
734293.00	3836580.00	153.46808	(15012208)	734318.00	3836580.00	178.02528	(15012208)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
734343.00	3836580.00	206.03906	(15012208)	734368.00	3836580.00	241.09496	(15012208)
734393.00	3836580.00	293.08835	(12121508)	734418.00	3836580.00	353.42323	(12121508)
734443.00	3836580.00	421.91537	(12121508)	734468.00	3836580.00	487.26458	(12121508)
734493.00	3836580.00	541.08985	(12121508)	734518.00	3836580.00	569.13062	(12121508)
734543.00	3836580.00	685.45068	(15010208)	734568.00	3836580.00	811.68799	(15010208)
734593.00	3836580.00	854.16820	(15010208)	734610.30	3836580.00	906.78820	(16122008)
734293.00	3836605.00	173.80959	(12121508)	734318.00	3836605.00	203.45406	(12121508)
734343.00	3836605.00	234.80600	(12121508)	734368.00	3836605.00	270.00414	(12121508)
734393.00	3836605.00	304.87204	(15012419)	734418.00	3836605.00	347.18349	(15010208)
734443.00	3836605.00	464.89524	(15010208)	734468.00	3836605.00	581.50881	(15010208)
734493.00	3836605.00	665.47819	(15010208)	734518.00	3836605.00	679.88924	(15010208)
734543.00	3836605.00	760.78798	(16122008)	734568.00	3836605.00	825.28346	(15121808)
734593.00	3836605.00	817.03263	(12010508)	734609.57	3836605.00	821.22985	(13122808)
734293.00	3836630.00	163.92834	(15012419)	734318.00	3836630.00	181.88578	(15010208)
734343.00	3836630.00	241.71945	(15010208)	734368.00	3836630.00	315.80273	(15010208)
734393.00	3836630.00	387.99231	(15010208)	734418.00	3836630.00	443.37789	(15010208)
734443.00	3836630.00	469.42049	(15010208)	734468.00	3836630.00	563.54173	(16122008)
734493.00	3836630.00	632.28291	(16122008)	734518.00	3836630.00	714.88974	(15121808)
734543.00	3836630.00	738.00859	(15123108)	734568.00	3836630.00	743.29898	(12010508)
734593.00	3836630.00	766.62729	(12121019)	734609.33	3836629.52	782.24254	(16010219)
734293.00	3836655.00	189.35553	(15010208)	734318.00	3836655.00	227.30029	(15010208)
734343.00	3836655.00	259.26131	(15010208)	734368.00	3836655.00	286.75634	(15013008)
734393.00	3836655.00	343.97941	(16122008)	734418.00	3836655.00	423.77127	(16122008)
734443.00	3836655.00	460.16954	(16122008)	734468.00	3836655.00	569.50256	(15121808)
734493.00	3836655.00	620.94970	(15123108)	734518.00	3836655.00	652.81826	(12010508)
734543.00	3836655.00	676.95228	(13122808)	734568.00	3836655.00	703.40727	(12121019)
734593.00	3836655.00	690.92382	(12011808)	734608.61	3836654.76	709.97352	(16122619)
734293.00	3836680.00	167.13816	(15013008)	734318.00	3836680.00	191.92378	(16122008)
734343.00	3836680.00	246.50996	(16122008)	734368.00	3836680.00	293.75830	(16122008)
734393.00	3836680.00	328.27477	(15121808)	734418.00	3836680.00	416.93948	(15121808)
734443.00	3836680.00	470.96637	(15123108)	734468.00	3836680.00	481.95881	(12010508)
734493.00	3836680.00	558.80454	(12010508)	734518.00	3836680.00	604.53083	(13122808)
734543.00	3836680.00	635.11630	(12121019)	734568.00	3836680.00	647.78067	(12011808)
734593.00	3836680.00	647.60438	(16122619)	734293.00	3836705.00	171.36121	(16122008)
734318.00	3836705.00	194.91076	(16122008)	734343.00	3836705.00	227.09209	(15121808)
734368.00	3836705.00	291.25977	(15121808)	734393.00	3836705.00	335.19294	(15123108)
734418.00	3836705.00	360.45229	(15123108)	734443.00	3836705.00	424.65284	(12010508)
734468.00	3836705.00	434.16414	(12010508)	734493.00	3836705.00	509.48267	(13122808)
734518.00	3836705.00	547.58662	(12121019)	734543.00	3836705.00	576.73811	(14010108)
734568.00	3836705.00	628.73885	(16122619)	734593.00	3836705.00	577.62712	(12020808)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
734293.00	3836730.00	157.99602	(15121808)	734318.00	3836730.00	197.90845	(15121808)
734343.00	3836730.00	225.86131	(15123108)	734368.00	3836730.00	258.39382	(15123108)
734393.00	3836730.00	288.78362	(12011108)	734418.00	3836730.00	340.35617	(12011108)
734443.00	3836730.00	374.92854	(13122808)	734468.00	3836730.00	410.01421	(13122808)
734493.00	3836730.00	458.18098	(12121019)	734518.00	3836730.00	499.83971	(14010108)
734543.00	3836730.00	540.83171	(16122619)	734568.00	3836730.00	532.16280	(13122719)
734593.00	3836730.00	545.96299	(16122919)	734293.00	3836755.00	154.98928	(15121808)
734318.00	3836755.00	179.44608	(15123108)	734343.00	3836755.00	183.51216	(15123108)
734368.00	3836755.00	239.80279	(12011108)	734393.00	3836755.00	257.50723	(12011108)
734418.00	3836755.00	308.30105	(13122808)	734443.00	3836755.00	332.05956	(12121019)
734468.00	3836755.00	372.96055	(12121019)	734493.00	3836755.00	420.78540	(14010108)
734518.00	3836755.00	425.36797	(16122619)	734543.00	3836755.00	461.29425	(16122619)
734568.00	3836755.00	471.83882	(12020808)	734593.00	3836755.00	440.28874	(16010808)
734293.00	3836780.00	135.77116	(15123108)	734318.00	3836780.00	160.52574	(12011108)
734343.00	3836780.00	188.42145	(12011108)	734368.00	3836780.00	194.22725	(13122808)
734393.00	3836780.00	246.75311	(13122808)	734418.00	3836780.00	268.51645	(12121019)
734443.00	3836780.00	297.13906	(12121019)	734468.00	3836780.00	344.07677	(14010108)
734493.00	3836780.00	349.44960	(12011808)	734518.00	3836780.00	407.47089	(16122619)
734543.00	3836780.00	400.02011	(13122719)	734568.00	3836780.00	425.64747	(16122919)
734593.00	3836780.00	409.09626	(13121119)	734293.00	3836805.00	135.60167	(12011108)
734318.00	3836805.00	147.15208	(12011108)	734343.00	3836805.00	161.92012	(13122808)
734368.00	3836805.00	193.40396	(13122808)	734393.00	3836805.00	215.26277	(12121019)
734418.00	3836805.00	233.08078	(12121019)	734443.00	3836805.00	273.55134	(14010108)
734468.00	3836805.00	289.90036	(12011808)	734493.00	3836805.00	335.82033	(16122619)
734518.00	3836805.00	339.40363	(13122719)	734543.00	3836805.00	354.30102	(12020808)
734568.00	3836805.00	342.33288	(16122919)	734593.00	3836805.00	348.39422	(13121119)
734293.00	3836830.00	115.74568	(12011108)	734318.00	3836830.00	135.44848	(13122808)
734343.00	3836830.00	151.41485	(13122808)	734368.00	3836830.00	171.46286	(12121019)
734393.00	3836830.00	183.62252	(12121019)	734418.00	3836830.00	214.78351	(14010108)
734443.00	3836830.00	232.68832	(12011808)	734468.00	3836830.00	259.17834	(16122619)
734493.00	3836830.00	271.23477	(16122619)	734518.00	3836830.00	279.23033	(13122719)
734543.00	3836830.00	310.47827	(12020808)	734568.00	3836830.00	288.26313	(13121119)
734593.00	3836830.00	313.32661	(13020219)	734293.00	3836855.00	114.08298	(13122808)
734318.00	3836855.00	121.99496	(13122808)	734343.00	3836855.00	138.14283	(12121019)
734368.00	3836855.00	145.89233	(15011908)	734393.00	3836855.00	169.34307	(14010108)
734418.00	3836855.00	184.51985	(12011808)	734443.00	3836855.00	192.47624	(16122619)
734468.00	3836855.00	229.23628	(16122619)	734493.00	3836855.00	240.24076	(13122719)
734518.00	3836855.00	251.27207	(12020808)	734543.00	3836855.00	252.26836	(16122919)
734568.00	3836855.00	260.12787	(13121119)	734593.00	3836855.00	274.89787	(13020219)
734633.00	3836153.00	148.66444	(15021608)	734658.00	3836153.00	117.76346	(15120118)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
734683.00	3836153.00	137.31874	(15120118)	734708.00	3836153.00	103.71561	(15122618)
734733.00	3836153.00	117.02820	(15122618)	734758.00	3836153.00	109.81995	(16021219)
734783.00	3836153.00	124.76931	(16021219)	734808.00	3836153.00	104.25220	(12020919)
734833.00	3836153.00	67.69096	(12020919)	734858.00	3836153.00	53.89212	(15121517)
734633.00	3836178.00	174.48607	(15021608)	734658.00	3836178.00	132.42699	(15120118)
734683.00	3836178.00	156.64355	(15120118)	734708.00	3836178.00	115.46981	(15122618)
734733.00	3836178.00	128.43657	(15122618)	734758.00	3836178.00	131.06572	(16021219)
734783.00	3836178.00	136.38975	(12020919)	734808.00	3836178.00	103.84380	(12020919)
734833.00	3836178.00	67.05208	(15121517)	734858.00	3836178.00	70.24921	(15112618)
734883.00	3836178.00	97.87176	(15112618)	734633.00	3836203.00	204.84275	(15021608)
734658.00	3836203.00	150.13486	(15120118)	734683.00	3836203.00	180.39549	(15120118)
734708.00	3836203.00	129.40765	(15122618)	734733.00	3836203.00	140.51585	(15122618)
734758.00	3836203.00	155.09595	(16021219)	734783.00	3836203.00	150.23387	(12020919)
734808.00	3836203.00	96.78989	(12020919)	734833.00	3836203.00	78.74667	(15121517)
734858.00	3836203.00	97.18816	(15112618)	734883.00	3836203.00	118.70968	(15112618)
734908.00	3836203.00	116.78116	(16121419)	734633.00	3836228.00	239.05762	(15021608)
734658.00	3836228.00	171.28499	(15120118)	734683.00	3836228.00	208.99796	(15120118)
734708.00	3836228.00	145.80226	(15122618)	734733.00	3836228.00	152.43032	(15122618)
734758.00	3836228.00	180.33022	(16021219)	734783.00	3836228.00	159.33789	(12020919)
734808.00	3836228.00	98.46298	(15121517)	734833.00	3836228.00	90.12940	(15121517)
734858.00	3836228.00	127.85937	(15112618)	734883.00	3836228.00	132.79164	(15112618)
734908.00	3836228.00	120.94222	(16121419)	734933.00	3836228.00	91.28429	(15112118)
734633.00	3836253.00	274.47605	(15021608)	734658.00	3836253.00	200.22862	(15021608)
734683.00	3836253.00	242.71779	(15120118)	734708.00	3836253.00	164.80475	(15122618)
734733.00	3836253.00	168.08825	(16021219)	734758.00	3836253.00	207.68785	(12020919)
734783.00	3836253.00	149.77010	(12020919)	734808.00	3836253.00	116.25758	(15121517)
734833.00	3836253.00	128.53555	(15112618)	734858.00	3836253.00	156.01146	(15112618)
734883.00	3836253.00	139.51387	(16121419)	734908.00	3836253.00	107.91883	(16121419)
734933.00	3836253.00	112.32747	(15112118)	734958.00	3836253.00	111.27629	(16110718)
734633.00	3836278.00	308.02610	(15021608)	734658.00	3836278.00	235.48016	(15021608)
734683.00	3836278.00	280.36109	(15120118)	734708.00	3836278.00	186.32757	(15122618)
734733.00	3836278.00	208.48216	(16021219)	734758.00	3836278.00	234.78163	(12020919)
734783.00	3836278.00	140.82685	(15121517)	734808.00	3836278.00	131.40841	(15121517)
734833.00	3836278.00	174.67346	(15112618)	734858.00	3836278.00	168.28346	(15112618)
734883.00	3836278.00	128.80198	(16121419)	734908.00	3836278.00	123.63708	(15112118)
734933.00	3836278.00	125.83476	(16110718)	734958.00	3836278.00	107.58618	(16110718)
734633.00	3836303.00	339.60651	(15021608)	734658.00	3836303.00	269.84077	(15021608)
734683.00	3836303.00	321.20642	(15120118)	734708.00	3836303.00	209.70449	(15122618)
734733.00	3836303.00	251.30656	(16021219)	734758.00	3836303.00	247.48424	(12020919)
734783.00	3836303.00	165.30322	(15121517)	734808.00	3836303.00	178.01967	(15112618)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
734833.00	3836303.00	208.53982	(15112618)	734858.00	3836303.00	157.49125	(16121419)
734883.00	3836303.00	134.65893	(15112118)	734908.00	3836303.00	144.66482	(16110718)
734933.00	3836303.00	121.67167	(16110718)	734958.00	3836303.00	81.91351	(16110718)
734633.00	3836328.00	363.19163	(15021608)	734658.00	3836328.00	346.78362	(15021608)
734683.00	3836328.00	362.55128	(15120118)	734708.00	3836328.00	232.74530	(15122618)
734733.00	3836328.00	306.84955	(12020919)	734758.00	3836328.00	220.52203	(12020919)
734783.00	3836328.00	181.87714	(15121517)	734808.00	3836328.00	240.54830	(15112618)
734833.00	3836328.00	205.48348	(15112618)	734858.00	3836328.00	144.28861	(16110718)
734883.00	3836328.00	167.48053	(16110718)	734908.00	3836328.00	139.84988	(16110718)
734933.00	3836328.00	95.10644	(13101019)	734958.00	3836328.00	83.05005	(16101319)
734633.00	3836353.00	371.02904	(15021608)	734658.00	3836353.00	399.35406	(15021608)
734683.00	3836353.00	406.95916	(15120118)	734708.00	3836353.00	252.85781	(15122618)
734733.00	3836353.00	348.19044	(12020919)	734758.00	3836353.00	218.11668	(15121517)
734783.00	3836353.00	245.53586	(15112618)	734808.00	3836353.00	265.43726	(15112618)
734833.00	3836353.00	151.79298	(16110718)	734858.00	3836353.00	192.65660	(16110718)
734883.00	3836353.00	161.22646	(16110718)	734908.00	3836353.00	112.29151	(13101019)
734933.00	3836353.00	97.65380	(16101319)	734958.00	3836353.00	112.13804	(16102619)
734633.00	3836378.00	355.62330	(15021608)	734658.00	3836378.00	449.99870	(15021608)
734683.00	3836378.00	449.39526	(15120118)	734708.00	3836378.00	296.27413	(12020919)
734733.00	3836378.00	360.68733	(12020919)	734758.00	3836378.00	234.09178	(15121517)
734783.00	3836378.00	318.86671	(15112618)	734808.00	3836378.00	204.56422	(15112618)
734833.00	3836378.00	219.44012	(16110718)	734858.00	3836378.00	184.11115	(16110718)
734883.00	3836378.00	125.83691	(13101019)	734908.00	3836378.00	115.65675	(16102619)
734933.00	3836378.00	133.61443	(16102619)	734958.00	3836378.00	125.85378	(16102619)
734633.00	3836403.00	377.78743	(16012208)	734658.00	3836403.00	489.90465	(15021608)
734683.00	3836403.00	484.12403	(15120118)	734708.00	3836403.00	376.80702	(12020919)
734733.00	3836403.00	297.47823	(12020919)	734758.00	3836403.00	331.32314	(15112618)
734783.00	3836403.00	304.90911	(15112618)	734808.00	3836403.00	246.28961	(16110718)
734833.00	3836403.00	210.67073	(16110718)	734858.00	3836403.00	131.94632	(13101019)
734883.00	3836403.00	142.86376	(16102619)	734908.00	3836403.00	151.94916	(16102619)
734933.00	3836403.00	130.45617	(16102619)	734958.00	3836403.00	113.77110	(16091919)
734633.00	3836428.00	437.88579	(16012208)	734658.00	3836428.00	521.43012	(15021608)
734683.00	3836428.00	513.43014	(15120118)	734708.00	3836428.00	441.76742	(12020919)
734733.00	3836428.00	279.71410	(15121517)	734758.00	3836428.00	386.94031	(15112618)
734783.00	3836428.00	271.18834	(16110718)	734808.00	3836428.00	239.24311	(16110718)
734833.00	3836428.00	146.79657	(16112817)	734858.00	3836428.00	173.11525	(16102619)
734883.00	3836428.00	162.69169	(16102619)	734908.00	3836428.00	119.91896	(16091919)
734933.00	3836428.00	126.84035	(16091919)	734958.00	3836428.00	117.53641	(16091919)
734633.00	3836453.00	498.32709	(16012208)	734658.00	3836453.00	543.74057	(15021608)
734683.00	3836453.00	543.50134	(15120118)	734708.00	3836453.00	461.09169	(12020919)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
734733.00	3836453.00	413.50006	(15112618)	734758.00	3836453.00	278.66441	(16110718)
734783.00	3836453.00	264.28326	(16110718)	734808.00	3836453.00	196.48370	(16050418)
734833.00	3836453.00	195.86144	(16102619)	734858.00	3836453.00	154.14180	(16102619)
734883.00	3836453.00	133.51382	(16091919)	734908.00	3836453.00	121.65286	(16091919)
734933.00	3836453.00	113.14294	(12120419)	734958.00	3836453.00	105.71984	(12120419)
734633.00	3836478.00	530.17271	(16012208)	734658.00	3836478.00	539.80704	(15021608)
734683.00	3836478.00	520.15725	(15120118)	734708.00	3836478.00	387.85881	(12020919)
734733.00	3836478.00	383.97999	(15112618)	734758.00	3836478.00	281.16485	(16110718)
734783.00	3836478.00	268.01485	(16050418)	734808.00	3836478.00	232.61304	(16050418)
734833.00	3836478.00	177.10563	(16050418)	734858.00	3836478.00	132.95450	(16082718)
734883.00	3836478.00	109.50866	(16121216)	734908.00	3836478.00	102.94124	(13020819)
734933.00	3836478.00	110.70005	(15112119)	734958.00	3836478.00	120.20214	(15112119)
734633.00	3836503.00	617.76333	(12102718)	734658.00	3836503.00	764.44530	(16012208)
734683.00	3836503.00	578.30054	(15120118)	734708.00	3836503.00	515.17002	(15112618)
734733.00	3836503.00	304.61624	(16121609)	734758.00	3836503.00	314.75514	(16050418)
734783.00	3836503.00	269.89440	(16050418)	734808.00	3836503.00	192.62095	(14090408)
734833.00	3836503.00	164.54539	(16042118)	734858.00	3836503.00	140.79872	(16032918)
734883.00	3836503.00	120.58469	(16032918)	734908.00	3836503.00	108.21522	(16101019)
734933.00	3836503.00	111.27772	(16101019)	734958.00	3836503.00	108.73019	(15112119)
734633.00	3836528.00	1074.48037	(12122110)	734658.00	3836528.00	917.60113	(15111908)
734683.00	3836528.00	999.94340	(15121517)	734708.00	3836528.00	529.25825	(12110610)
734733.00	3836528.00	361.97499	(16072808)	734758.00	3836528.00	294.24578	(12082708)
734783.00	3836528.00	263.74570	(16102712)	734808.00	3836528.00	215.21479	(13112916)
734833.00	3836528.00	180.52585	(16012817)	734633.00	3836553.00	1099.38755	(15012608)
734658.00	3836553.00	628.52091	(15010308)	734683.00	3836553.00	823.51342	(15100609)
734708.00	3836553.00	754.36960	(15091909)	734733.00	3836553.00	452.85632	(16100710)
734758.00	3836553.00	344.78082	(16110915)	734783.00	3836553.00	268.36859	(16110915)
734808.00	3836553.00	251.22710	(16021517)	734833.00	3836553.00	212.09474	(16021517)
734633.00	3836578.00	1734.45118	(15123108)	734658.00	3836578.00	921.28571	(16122919)
734683.00	3836578.00	433.28516	(14121218)	734708.00	3836578.00	312.99577	(16070109)
734733.00	3836578.00	411.01592	(15012211)	734758.00	3836578.00	288.66917	(15012211)
734783.00	3836578.00	247.12448	(16101908)	734808.00	3836578.00	199.32720	(16101908)
734833.00	3836578.00	170.84733	(16022517)	734633.00	3836603.00	955.71544	(16010219)
734658.00	3836603.00	814.77208	(12010919)	734683.00	3836603.00	464.94869	(16121918)
734708.00	3836603.00	219.93756	(15011909)	734733.00	3836603.00	226.59494	(16031808)
734758.00	3836603.00	234.11603	(15012211)	734783.00	3836603.00	209.87970	(15012211)
734808.00	3836603.00	205.18236	(16122616)	734833.00	3836603.00	179.07981	(16011217)
734633.00	3836628.00	703.42725	(16012808)	734658.00	3836628.00	658.97076	(12010919)
734683.00	3836628.00	351.35644	(16121918)	734708.00	3836628.00	305.42592	(16122018)
734733.00	3836628.00	208.16044	(15011909)	734758.00	3836628.00	216.77624	(16031808)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
734783.00	3836628.00	169.46289	(16031808)	734808.00	3836628.00	165.28258	(14042918)
734833.00	3836628.00	155.80338	(16122616)	734633.00	3836653.00	667.40459	(16122919)
734658.00	3836653.00	523.60448	(12010919)	734683.00	3836653.00	321.96927	(16121918)
734708.00	3836653.00	304.36484	(16122018)	734733.00	3836653.00	154.71820	(15011909)
734758.00	3836653.00	155.77113	(16031808)	734783.00	3836653.00	170.83424	(15010219)
734808.00	3836653.00	142.77556	(15010219)	734833.00	3836653.00	124.64830	(14042918)
734633.00	3836678.00	600.52564	(13121119)	734658.00	3836678.00	478.82430	(12123108)
734683.00	3836678.00	311.24199	(16122108)	734708.00	3836678.00	254.05537	(14121218)
734733.00	3836678.00	260.61080	(16122018)	734758.00	3836678.00	125.65088	(15011909)
734783.00	3836678.00	128.69511	(16050517)	734808.00	3836678.00	170.63543	(15010219)
734833.00	3836678.00	157.48239	(15010219)	734633.00	3836703.00	575.26440	(12010919)
734658.00	3836703.00	472.68700	(12123108)	734683.00	3836703.00	300.88286	(16122108)
734708.00	3836703.00	290.12588	(16121918)	734733.00	3836703.00	294.14777	(16122018)
734758.00	3836703.00	127.62406	(16122018)	734783.00	3836703.00	104.36449	(14040118)
734808.00	3836703.00	121.13209	(13122417)	734833.00	3836703.00	162.47672	(15010219)
734633.00	3836728.00	493.95733	(12010919)	734658.00	3836728.00	451.91776	(12123108)
734683.00	3836728.00	283.43958	(16122108)	734708.00	3836728.00	300.92927	(16121918)
734733.00	3836728.00	265.21369	(14121218)	734758.00	3836728.00	203.46489	(16122018)
734783.00	3836728.00	95.81644	(14040118)	734808.00	3836728.00	99.43222	(13122417)
734833.00	3836728.00	119.39590	(13122417)	734633.00	3836753.00	409.32652	(13122819)
734658.00	3836753.00	413.55739	(12123108)	734683.00	3836753.00	259.89962	(16122108)
734708.00	3836753.00	290.48745	(16121918)	734733.00	3836753.00	231.34950	(14121218)
734758.00	3836753.00	246.09382	(16122018)	734783.00	3836753.00	102.49526	(16122018)
734808.00	3836753.00	73.32066	(14040118)	734833.00	3836753.00	100.98029	(13122417)
734633.00	3836778.00	361.47894	(16122219)	734658.00	3836778.00	368.50261	(12123108)
734683.00	3836778.00	233.61917	(16122108)	734708.00	3836778.00	267.15094	(16121918)
734733.00	3836778.00	181.27116	(14121218)	734758.00	3836778.00	235.40234	(16122018)
734783.00	3836778.00	158.35128	(16122018)	734808.00	3836778.00	83.97140	(12011008)
734833.00	3836778.00	78.65757	(13122417)	734633.00	3836803.00	307.78499	(16122219)
734658.00	3836803.00	321.22717	(12123108)	734683.00	3836803.00	206.79915	(16122108)
734708.00	3836803.00	236.98836	(16121918)	734733.00	3836803.00	170.58766	(16121918)
734758.00	3836803.00	211.11406	(14121218)	734783.00	3836803.00	193.01272	(16122018)
734808.00	3836803.00	89.60702	(12011008)	734833.00	3836803.00	82.00301	(12011008)
734633.00	3836828.00	265.96895	(16010408)	734658.00	3836828.00	275.59984	(12123108)
734683.00	3836828.00	181.09793	(16122108)	734708.00	3836828.00	205.72262	(16121918)
734733.00	3836828.00	174.20246	(16121918)	734758.00	3836828.00	182.58926	(14121218)
734783.00	3836828.00	192.50153	(16122018)	734808.00	3836828.00	120.69282	(16122018)
734833.00	3836828.00	94.06501	(12011008)	734633.00	3836853.00	231.95142	(16010408)
734658.00	3836853.00	233.59882	(12123108)	734683.00	3836853.00	157.46138	(16122108)
734708.00	3836853.00	176.86042	(16122108)	734733.00	3836853.00	179.58869	(16121918)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): GEN ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
734758.00	3836853.00	150.80772	(14121218)	734783.00	3836853.00	174.77966	(16122018)
734808.00	3836853.00	143.74607	(16122018)	734833.00	3836853.00	95.28205	(12011008)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	38.27333 AT (734758.00, 3836553.00, 36.39, 222.80, 0.00)	DC	
	2ND HIGHEST VALUE IS	35.55244 AT (734758.00, 3836528.00, 36.56, 222.80, 0.00)	DC	
	3RD HIGHEST VALUE IS	35.16346 AT (734783.00, 3836553.00, 36.50, 222.80, 0.00)	DC	
	4TH HIGHEST VALUE IS	34.26786 AT (734783.00, 3836528.00, 36.63, 222.80, 0.00)	DC	
	5TH HIGHEST VALUE IS	32.50512 AT (734733.00, 3836553.00, 36.32, 222.80, 0.00)	DC	
	6TH HIGHEST VALUE IS	29.17812 AT (734808.00, 3836528.00, 36.82, 222.80, 0.00)	DC	
	7TH HIGHEST VALUE IS	28.94186 AT (734808.00, 3836553.00, 36.74, 222.80, 0.00)	DC	
	8TH HIGHEST VALUE IS	27.87255 AT (734733.00, 3836528.00, 36.51, 222.80, 0.00)	DC	
	9TH HIGHEST VALUE IS	23.65360 AT (734833.00, 3836528.00, 36.98, 222.80, 0.00)	DC	
	10TH HIGHEST VALUE IS	23.26208 AT (734783.00, 3836503.00, 36.78, 222.80, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	1734.45118	ON 15123108: AT (734633.00, 3836578.00, 36.09, 222.80, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   2 Warning Message(s)
A Total of   3456 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   210 Calm Hours Identified

A Total of   3246 Missing Hours Identified (7.40 Percent)

   ******** FATAL ERROR MESSAGES ********
              *** NONE ***

   ********   WARNING MESSAGES   ********
SO W320   39   PPARM: Input Parameter May Be Out-of-Range for Parameter   VS
MX W403   120   PFLCNV: Turbulence data is being used w/o ADJ_U* option   SigA Data

   ****
   *** AERMOD Finishes Successfully ***
   ****

Attachment 3

HARP2 Inputs and Outputs

Red Eye Kite
HARP Input Information

Paramaters	Inputs	Input Values
Emissions	Pollutant	DPM
	hours/day	2
	hours/year	50
	lbs/hr[1]	0.00565
	tons/yr[2]	1.14E-04
	lbs/yr	0.228
Residential Cancer Risk	Exposure Duration	30 yrs
	Intake Rate Percentile	RPM
	Pathways	Inhalation Only
	FAH	No
Residential Chronic Risk	Intake Rate Percentile	OEHHA Derived
	Pathways	Inhalation Only
Worker Cancer Risk	Exposure Duration	25 years
	Intake Rate Percentile	OEHHA Derived
	Pathways	Worker Pathways
	8-hr Breating Rate	Moderate
Residential Chronic Risk	Intake Rate Percentile	OEHHA Derived
	Pathways	Worker Pathways
	8-hr Breating Rate	Moderate

Sources

1 CalEEMod Output - Max Hourly Data for Stationary Sources
2 CalEEMod Output - Annual Data for Stationary Sources)

HARP2 - HRACalc (dated 21081) 10/7/2022 1:33:03 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 30

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 0
2<16 Years Bin: 14
16<30 Years Bin: 14
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\HARP2\Project Files\REDEYEKITE\hra\Residential Cancer RiskCancerRisk.csv
Cancer risk total by receptor saved to: C:\HARP2\Project Files\REDEYEKITE\hra\Residential Cancer RiskCancerRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 21081) 10/7/2022 1:34:02 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\HARP2\Project Files\REDEYEKITE\hra\Residential Chronic RiskNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\HARP2\Project Files\REDEYEKITE\hra\Residential Chronic RiskNCChronicRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 21081) 10/7/2022 1:36:18 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: Cancer
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 25

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 25

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\HARP2\Project Files\REDEYEKITE\hra\Worker Cancer RiskCancerRisk.csv
Cancer risk total by receptor saved to: C:\HARP2\Project Files\REDEYEKITE\hra\Worker Cancer RiskCancerRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 21081) 10/7/2022 1:36:53 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: NCChronic
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: Moderate8HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\HARP2\Project Files\REDEYEKITE\hra\Worker Chronic RiskNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\HARP2\Project Files\REDEYEKITE\hra\Worker Chronic RiskNCChronicRiskSumByRec.csv
HRA ran successfully

Attachment 4

Risk Summaries

Red Eye Kite
Risk Summary

Receptor Scenario	Cancer Risk (per million)	Chronic Hazard Index
	Actual	
MEIR	0.017935	4.7249E-06
MEIW	0.0077678	0.000025103
	Report Table	
MEIR	<1	<0.01
MEIW	<1	<0.01
SBCAPCD Threshold	**10 per million**	**1**
Exceed Threshold	No	No

Source: Attachment 3

Red Eye Kite
Risk Summary

Receptor Scenario	Cancer Risk (per million)	Chronic Hazard Index
	Actual	
MEIR	0.017935	4.7249E-06
MEIW	0.0077678	0.000025103
	Report Table	
MEIR	<1	<0.01
MEIW	<1	<0.01
SBCAPCD Threshold	**10 per million**	**1**
Exceed Threshold	No	No

Source: Attachment 3

***HARP - HRACalc v21081 10/7/2022 1:33:03 PM - Cancer Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Residential Cancer RiskHRAInput.hra**

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISI	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISI	EGG_RISK	
1	ALL		734293	3836155	7.05E-10	30YrCancerRi	7.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1
2	ALL		734318	3836155	7.31E-10	30YrCancerRi	7.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2
3	ALL		734343	3836155	7.57E-10	30YrCancerRi	7.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3
4	ALL		734368	3836155	7.83E-10	30YrCancerRi	7.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4
5	ALL		734393	3836155	8.10E-10	30YrCancerRi	8.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5
6	ALL		734418	3836155	8.37E-10	30YrCancerRi	8.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6
7	ALL		734443	3836155	8.64E-10	30YrCancerRi	8.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7
8	ALL		734468	3836155	8.90E-10	30YrCancerRi	8.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8
9	ALL		734493	3836155	9.16E-10	30YrCancerRi	9.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9
10	ALL		734518	3836155	9.42E-10	30YrCancerRi	9.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	10
11	ALL		734543	3836155	9.67E-10	30YrCancerRi	9.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	11
12	ALL		734568	3836155	9.93E-10	30YrCancerRi	9.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	12
13	ALL		734593	3836155	1.02E-09	30YrCancerRi	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	13
14	ALL		734618	3836155	1.04E-09	30YrCancerRi	1.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	14
15	ALL		734293	3836180	7.39E-10	30YrCancerRi	7.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	15
16	ALL		734318	3836180	7.68E-10	30YrCancerRi	7.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	16
17	ALL		734343	3836180	7.98E-10	30YrCancerRi	7.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	17
18	ALL		734368	3836180	8.28E-10	30YrCancerRi	8.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	18
19	ALL		734393	3836180	8.59E-10	30YrCancerRi	8.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	19
20	ALL		734418	3836180	8.90E-10	30YrCancerRi	8.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	20
21	ALL		734443	3836180	9.21E-10	30YrCancerRi	9.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	21
22	ALL		734468	3836180	9.51E-10	30YrCancerRi	9.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	22
23	ALL		734493	3836180	9.82E-10	30YrCancerRi	9.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	23
24	ALL		734518	3836180	1.01E-09	30YrCancerRi	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	24
25	ALL		734543	3836180	1.04E-09	30YrCancerRi	1.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	25
26	ALL		734568	3836180	1.07E-09	30YrCancerRi	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	26
27	ALL		734593	3836180	1.10E-09	30YrCancerRi	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	27
28	ALL		734618	3836180	1.13E-09	30YrCancerRi	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	28
29	ALL		734293	3836205	7.74E-10	30YrCancerRi	7.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	29
30	ALL		734318	3836205	8.07E-10	30YrCancerRi	8.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	30
31	ALL		734343	3836205	8.41E-10	30YrCancerRi	8.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	31
32	ALL		734368	3836205	8.76E-10	30YrCancerRi	8.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	32
33	ALL		734393	3836205	9.12E-10	30YrCancerRi	9.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	33
34	ALL		734418	3836205	9.48E-10	30YrCancerRi	9.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	34
35	ALL		734443	3836205	9.84E-10	30YrCancerRi	9.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	35
36	ALL		734468	3836205	1.02E-09	30YrCancerRi	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	36
37	ALL		734493	3836205	1.05E-09	30YrCancerRi	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	37
38	ALL		734518	3836205	1.09E-09	30YrCancerRi	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	38
39	ALL		734543	3836205	1.12E-09	30YrCancerRi	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	39
40	ALL		734568	3836205	1.16E-09	30YrCancerRi	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	40
41	ALL		734593	3836205	1.19E-09	30YrCancerRi	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	41
42	ALL		734618	3836205	1.23E-09	30YrCancerRi	1.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	42
43	ALL		734293	3836230	8.08E-10	30YrCancerRi	8.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	43
44	ALL		734318	3836230	8.46E-10	30YrCancerRi	8.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	44
45	ALL		734343	3836230	8.84E-10	30YrCancerRi	8.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	45
46	ALL		734368	3836230	9.23E-10	30YrCancerRi	9.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	46
47	ALL		734393	3836230	9.65E-10	30YrCancerRi	9.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	47
48	ALL		734418	3836230	1.01E-09	30YrCancerRi	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	48
49	ALL		734443	3836230	1.05E-09	30YrCancerRi	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	49
50	ALL		734468	3836230	1.09E-09	30YrCancerRi	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	50
51	ALL		734493	3836230	1.13E-09	30YrCancerRi	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	51
52	ALL		734518	3836230	1.17E-09	30YrCancerRi	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	52
53	ALL		734543	3836230	1.22E-09	30YrCancerRi	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	53
54	ALL		734568	3836230	1.26E-09	30YrCancerRi	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	54
55	ALL		734593	3836230	1.29E-09	30YrCancerRi	1.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	55
56	ALL		734618	3836230	1.34E-09	30YrCancerRi	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	56
57	ALL		734293	3836255	8.43E-10	30YrCancerRi	8.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	57
58	ALL		734318	3836255	8.86E-10	30YrCancerRi	8.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	58
59	ALL		734343	3836255	9.30E-10	30YrCancerRi	9.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	59
60	ALL		734368	3836255	9.75E-10	30YrCancerRi	9.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	60
61	ALL		734393	3836255	1.02E-09	30YrCancerRi	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	61
62	ALL		734418	3836255	1.07E-09	30YrCancerRi	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	62
63	ALL		734443	3836255	1.12E-09	30YrCancerRi	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	63
64	ALL		734468	3836255	1.17E-09	30YrCancerRi	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	64
65	ALL		734493	3836255	1.22E-09	30YrCancerRi	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	65
66	ALL		734518	3836255	1.27E-09	30YrCancerRi	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	66
67	ALL		734543	3836255	1.32E-09	30YrCancerRi	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	67
68	ALL		734568	3836255	1.37E-09	30YrCancerRi	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	68
69	ALL		734593	3836255	1.42E-09	30YrCancerRi	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	69
70	ALL		734618	3836255	1.47E-09	30YrCancerRi	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	70
71	ALL		734293	3836280	8.77E-10	30YrCancerRi	8.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	71
72	ALL		734318	3836280	9.26E-10	30YrCancerRi	9.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	72
73	ALL		734343	3836280	9.77E-10	30YrCancerRi	9.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	73
74	ALL		734368	3836280	1.03E-09	30YrCancerRi	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	74
75	ALL		734393	3836280	1.08E-09	30YrCancerRi	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	75
76	ALL		734418	3836280	1.14E-09	30YrCancerRi	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	76
77	ALL		734443	3836280	1.20E-09	30YrCancerRi	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	77
78	ALL		734468	3836280	1.26E-09	30YrCancerRi	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	78
79	ALL		734493	3836280	1.32E-09	30YrCancerRi	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	79
80	ALL		734518	3836280	1.38E-09	30YrCancerRi	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	80
81	ALL		734543	3836280	1.44E-09	30YrCancerRi	1.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	81
82	ALL		734568	3836280	1.50E-09	30YrCancerRi	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	82
83	ALL		734593	3836280	1.55E-09	30YrCancerRi	1.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	83

1.7935E-08	**Residential Risk**
0.017935	
266	**Receptor**

***HARP - HRACalc v21081 10/7/2022 1:33:03 PM - Cancer Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Residential Cancer RiskHRAInput.hra**

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISI	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISI	EGG_RISK	
84	ALL		734618	3836280	1.61E-09	30YrCancerRi	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	84
85	ALL		734293	3836305	9.09E-10	30YrCancerRi	9.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	85
86	ALL		734318	3836305	9.64E-10	30YrCancerRi	9.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	86
87	ALL		734343	3836305	1.02E-09	30YrCancerRi	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	87
88	ALL		734368	3836305	1.08E-09	30YrCancerRi	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	88
89	ALL		734393	3836305	1.15E-09	30YrCancerRi	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	89
90	ALL		734418	3836305	1.21E-09	30YrCancerRi	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	90
91	ALL		734443	3836305	1.28E-09	30YrCancerRi	1.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	91
92	ALL		734468	3836305	1.36E-09	30YrCancerRi	1.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	92
93	ALL		734493	3836305	1.43E-09	30YrCancerRi	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	93
94	ALL		734518	3836305	1.50E-09	30YrCancerRi	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	94
95	ALL		734543	3836305	1.57E-09	30YrCancerRi	1.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	95
96	ALL		734568	3836305	1.64E-09	30YrCancerRi	1.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	96
97	ALL		734593	3836305	1.71E-09	30YrCancerRi	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	97
98	ALL		734618	3836305	1.78E-09	30YrCancerRi	1.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	98
99	ALL		734293	3836330	9.42E-10	30YrCancerRi	9.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	99
100	ALL		734318	3836330	1.00E-09	30YrCancerRi	1.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	100
101	ALL		734343	3836330	1.07E-09	30YrCancerRi	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	101
102	ALL		734368	3836330	1.14E-09	30YrCancerRi	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	102
103	ALL		734393	3836330	1.21E-09	30YrCancerRi	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	103
104	ALL		734418	3836330	1.29E-09	30YrCancerRi	1.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	104
105	ALL		734443	3836330	1.37E-09	30YrCancerRi	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	105
106	ALL		734468	3836330	1.46E-09	30YrCancerRi	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	106
107	ALL		734493	3836330	1.55E-09	30YrCancerRi	1.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	107
108	ALL		734518	3836330	1.64E-09	30YrCancerRi	1.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	108
109	ALL		734543	3836330	1.72E-09	30YrCancerRi	1.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	109
110	ALL		734568	3836330	1.81E-09	30YrCancerRi	1.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	110
111	ALL		734593	3836330	1.90E-09	30YrCancerRi	1.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	111
112	ALL		734618	3836330	2.00E-09	30YrCancerRi	2.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	112
113	ALL		734293	3836355	9.76E-10	30YrCancerRi	9.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	113
114	ALL		734318	3836355	1.04E-09	30YrCancerRi	1.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	114
115	ALL		734343	3836355	1.11E-09	30YrCancerRi	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	115
116	ALL		734368	3836355	1.19E-09	30YrCancerRi	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	116
117	ALL		734393	3836355	1.28E-09	30YrCancerRi	1.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	117
118	ALL		734418	3836355	1.37E-09	30YrCancerRi	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	118
119	ALL		734443	3836355	1.47E-09	30YrCancerRi	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	119
120	ALL		734468	3836355	1.57E-09	30YrCancerRi	1.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	120
121	ALL		734493	3836355	1.69E-09	30YrCancerRi	1.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	121
122	ALL		734518	3836355	1.80E-09	30YrCancerRi	1.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	122
123	ALL		734543	3836355	1.91E-09	30YrCancerRi	1.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	123
124	ALL		734568	3836355	2.03E-09	30YrCancerRi	2.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	124
125	ALL		734593	3836355	2.14E-09	30YrCancerRi	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	125
126	ALL		734618	3836355	2.27E-09	30YrCancerRi	2.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	126
127	ALL		734293	3836380	1.01E-09	30YrCancerRi	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	127
128	ALL		734318	3836380	1.08E-09	30YrCancerRi	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	128
129	ALL		734343	3836380	1.16E-09	30YrCancerRi	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	129
130	ALL		734368	3836380	1.25E-09	30YrCancerRi	1.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	130
131	ALL		734393	3836380	1.35E-09	30YrCancerRi	1.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	131
132	ALL		734418	3836380	1.46E-09	30YrCancerRi	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	132
133	ALL		734443	3836380	1.57E-09	30YrCancerRi	1.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	133
134	ALL		734468	3836380	1.70E-09	30YrCancerRi	1.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	134
135	ALL		734493	3836380	1.83E-09	30YrCancerRi	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	135
136	ALL		734518	3836380	1.98E-09	30YrCancerRi	1.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	136
137	ALL		734543	3836380	2.14E-09	30YrCancerRi	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	137
138	ALL		734568	3836380	2.29E-09	30YrCancerRi	2.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	138
139	ALL		734593	3836380	2.45E-09	30YrCancerRi	2.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	139
140	ALL		734618	3836380	2.61E-09	30YrCancerRi	2.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	140
141	ALL		734293	3836405	1.04E-09	30YrCancerRi	1.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	141
142	ALL		734318	3836405	1.12E-09	30YrCancerRi	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	142
143	ALL		734343	3836405	1.20E-09	30YrCancerRi	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	143
144	ALL		734368	3836405	1.30E-09	30YrCancerRi	1.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	144
145	ALL		734393	3836405	1.41E-09	30YrCancerRi	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	145
146	ALL		734418	3836405	1.53E-09	30YrCancerRi	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	146
147	ALL		734443	3836405	1.67E-09	30YrCancerRi	1.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	147
148	ALL		734468	3836405	1.83E-09	30YrCancerRi	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	148
149	ALL		734493	3836405	1.99E-09	30YrCancerRi	1.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	149
150	ALL		734518	3836405	2.18E-09	30YrCancerRi	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	150
151	ALL		734543	3836405	2.39E-09	30YrCancerRi	2.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	151
152	ALL		734568	3836405	2.61E-09	30YrCancerRi	2.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	152
153	ALL		734593	3836405	2.83E-09	30YrCancerRi	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	153
154	ALL		734618	3836405	3.05E-09	30YrCancerRi	3.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	154
155	ALL		734293	3836430	1.08E-09	30YrCancerRi	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	155
156	ALL		734318	3836430	1.16E-09	30YrCancerRi	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	156
157	ALL		734343	3836430	1.25E-09	30YrCancerRi	1.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	157
158	ALL		734368	3836430	1.35E-09	30YrCancerRi	1.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	158
159	ALL		734393	3836430	1.47E-09	30YrCancerRi	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	159
160	ALL		734418	3836430	1.61E-09	30YrCancerRi	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	160
161	ALL		734443	3836430	1.76E-09	30YrCancerRi	1.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	161
162	ALL		734468	3836430	1.95E-09	30YrCancerRi	1.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	162
163	ALL		734493	3836430	2.16E-09	30YrCancerRi	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	163
164	ALL		734518	3836430	2.40E-09	30YrCancerRi	2.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	164
165	ALL		734543	3836430	2.68E-09	30YrCancerRi	2.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	165
166	ALL		734568	3836430	2.99E-09	30YrCancerRi	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	166

***HARP - HRACalc v21081 10/7/2022 1:33:03 PM - Cancer Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Residential Cancer RiskHRAInput.hra**

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISI	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISI	EGG_RISK	
167	ALL		734593	3836430	3.31E-09	30YrCancerRi	3.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	167
168	ALL		734618	3836430	3.63E-09	30YrCancerRi	3.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	168
169	ALL		734293	3836455	1.11E-09	30YrCancerRi	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	169
170	ALL		734318	3836455	1.20E-09	30YrCancerRi	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	170
171	ALL		734343	3836455	1.30E-09	30YrCancerRi	1.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	171
172	ALL		734368	3836455	1.41E-09	30YrCancerRi	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	172
173	ALL		734393	3836455	1.54E-09	30YrCancerRi	1.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	173
174	ALL		734418	3836455	1.68E-09	30YrCancerRi	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	174
175	ALL		734443	3836455	1.86E-09	30YrCancerRi	1.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	175
176	ALL		734468	3836455	2.07E-09	30YrCancerRi	2.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	176
177	ALL		734493	3836455	2.32E-09	30YrCancerRi	2.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	177
178	ALL		734518	3836455	2.63E-09	30YrCancerRi	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	178
179	ALL		734543	3836455	3.00E-09	30YrCancerRi	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	179
180	ALL		734568	3836455	3.45E-09	30YrCancerRi	3.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	180
181	ALL		734593	3836455	3.94E-09	30YrCancerRi	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	181
182	ALL		734618	3836455	4.41E-09	30YrCancerRi	4.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	182
183	ALL		734293	3836480	1.15E-09	30YrCancerRi	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	183
184	ALL		734318	3836480	1.24E-09	30YrCancerRi	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	184
185	ALL		734343	3836480	1.34E-09	30YrCancerRi	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	185
186	ALL		734368	3836480	1.47E-09	30YrCancerRi	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	186
187	ALL		734393	3836480	1.61E-09	30YrCancerRi	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	187
188	ALL		734418	3836480	1.76E-09	30YrCancerRi	1.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	188
189	ALL		734443	3836480	1.95E-09	30YrCancerRi	1.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	189
190	ALL		734468	3836480	2.19E-09	30YrCancerRi	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	190
191	ALL		734493	3836480	2.48E-09	30YrCancerRi	2.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	191
192	ALL		734518	3836480	2.85E-09	30YrCancerRi	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	192
193	ALL		734543	3836480	3.33E-09	30YrCancerRi	3.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	193
194	ALL		734568	3836480	3.94E-09	30YrCancerRi	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	194
195	ALL		734593	3836480	4.68E-09	30YrCancerRi	4.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	195
196	ALL		734618	3836480	5.48E-09	30YrCancerRi	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	196
197	ALL		734293	3836505	1.18E-09	30YrCancerRi	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	197
198	ALL		734318	3836505	1.27E-09	30YrCancerRi	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	198
199	ALL		734343	3836505	1.39E-09	30YrCancerRi	1.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	199
200	ALL		734368	3836505	1.52E-09	30YrCancerRi	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	200
201	ALL		734393	3836505	1.67E-09	30YrCancerRi	1.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	201
202	ALL		734418	3836505	1.84E-09	30YrCancerRi	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	202
203	ALL		734443	3836505	2.06E-09	30YrCancerRi	2.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	203
204	ALL		734468	3836505	2.32E-09	30YrCancerRi	2.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	204
205	ALL		734493	3836505	2.65E-09	30YrCancerRi	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	205
206	ALL		734518	3836505	3.07E-09	30YrCancerRi	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	206
207	ALL		734543	3836505	3.65E-09	30YrCancerRi	3.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	207
208	ALL		734568	3836505	4.43E-09	30YrCancerRi	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	208
209	ALL		734593	3836505	5.48E-09	30YrCancerRi	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	209
210	ALL		734618	3836505	6.76E-09	30YrCancerRi	6.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	210
211	ALL		734293	3836530	1.20E-09	30YrCancerRi	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	211
212	ALL		734318	3836530	1.31E-09	30YrCancerRi	1.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	212
213	ALL		734343	3836530	1.42E-09	30YrCancerRi	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	213
214	ALL		734368	3836530	1.57E-09	30YrCancerRi	1.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	214
215	ALL		734393	3836530	1.73E-09	30YrCancerRi	1.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	215
216	ALL		734418	3836530	1.92E-09	30YrCancerRi	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	216
217	ALL		734443	3836530	2.16E-09	30YrCancerRi	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	217
218	ALL		734468	3836530	2.45E-09	30YrCancerRi	2.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	218
219	ALL		734493	3836530	2.83E-09	30YrCancerRi	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	219
220	ALL		734518	3836530	3.33E-09	30YrCancerRi	3.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	220
221	ALL		734543	3836530	4.01E-09	30YrCancerRi	4.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	221
222	ALL		734568	3836530	4.95E-09	30YrCancerRi	4.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	222
223	ALL		734593	3836530	6.28E-09	30YrCancerRi	6.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	223
224	ALL		734611.02	3836528.56	7.36E-09	30YrCancerRi	7.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	224
225	ALL		734293	3836555	1.23E-09	30YrCancerRi	1.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	225
226	ALL		734318	3836555	1.34E-09	30YrCancerRi	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	226
227	ALL		734343	3836555	1.46E-09	30YrCancerRi	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	227
228	ALL		734368	3836555	1.61E-09	30YrCancerRi	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	228
229	ALL		734393	3836555	1.79E-09	30YrCancerRi	1.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	229
230	ALL		734418	3836555	1.99E-09	30YrCancerRi	1.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	230
231	ALL		734443	3836555	2.26E-09	30YrCancerRi	2.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	231
232	ALL		734468	3836555	2.60E-09	30YrCancerRi	2.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	232
233	ALL		734493	3836555	3.04E-09	30YrCancerRi	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	233
234	ALL		734518	3836555	3.65E-09	30YrCancerRi	3.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	234
235	ALL		734543	3836555	4.50E-09	30YrCancerRi	4.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	235
236	ALL		734568	3836555	5.77E-09	30YrCancerRi	5.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	236
237	ALL		734593	3836555	7.67E-09	30YrCancerRi	7.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	237
238	ALL		734610.3	3836554.52	9.64E-09	30YrCancerRi	9.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	238
239	ALL		734293	3836580	1.26E-09	30YrCancerRi	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	239
240	ALL		734318	3836580	1.37E-09	30YrCancerRi	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	240
241	ALL		734343	3836580	1.50E-09	30YrCancerRi	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	241
242	ALL		734368	3836580	1.67E-09	30YrCancerRi	1.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	242
243	ALL		734393	3836580	1.87E-09	30YrCancerRi	1.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	243
244	ALL		734418	3836580	2.10E-09	30YrCancerRi	2.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	244
245	ALL		734443	3836580	2.41E-09	30YrCancerRi	2.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	245
246	ALL		734468	3836580	2.83E-09	30YrCancerRi	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	246
247	ALL		734493	3836580	3.40E-09	30YrCancerRi	3.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	247
248	ALL		734518	3836580	4.19E-09	30YrCancerRi	4.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	248
249	ALL		734543	3836580	5.39E-09	30YrCancerRi	5.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	249

***HARP - HRACalc v21081 10/7/2022 1:33:03 PM - Cancer Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Residential Cancer RiskHRAInput.hra**

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISI	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISI	EGG_RISK	
250	ALL		734568	3836580	7.44E-09	30YrCancerRi	7.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	250
251	ALL		734593	3836580	1.14E-08	30YrCancerRi	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	251
252	ALL		734610.3	3836580	1.65E-08	30YrCancerRi	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	252
253	ALL		734293	3836605	1.28E-09	30YrCancerRi	1.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	253
254	ALL		734318	3836605	1.41E-09	30YrCancerRi	1.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	254
255	ALL		734343	3836605	1.55E-09	30YrCancerRi	1.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	255
256	ALL		734368	3836605	1.73E-09	30YrCancerRi	1.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	256
257	ALL		734393	3836605	1.97E-09	30YrCancerRi	1.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	257
258	ALL		734418	3836605	2.24E-09	30YrCancerRi	2.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	258
259	ALL		734443	3836605	2.63E-09	30YrCancerRi	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	259
260	ALL		734468	3836605	3.15E-09	30YrCancerRi	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	260
261	ALL		734493	3836605	3.89E-09	30YrCancerRi	3.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	261
262	ALL		734518	3836605	4.99E-09	30YrCancerRi	4.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	262
263	ALL		734543	3836605	6.75E-09	30YrCancerRi	6.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	263
264	ALL		734568	3836605	9.64E-09	30YrCancerRi	9.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	264
265	ALL		734593	3836605	1.42E-08	30YrCancerRi	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	265
266	ALL		734609.57	3836605	1.79E-08	30YrCancerRi	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	266
267	ALL		734293	3836630	1.31E-09	30YrCancerRi	1.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	267
268	ALL		734318	3836630	1.45E-09	30YrCancerRi	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	268
269	ALL		734343	3836630	1.61E-09	30YrCancerRi	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	269
270	ALL		734368	3836630	1.83E-09	30YrCancerRi	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	270
271	ALL		734393	3836630	2.08E-09	30YrCancerRi	2.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	271
272	ALL		734418	3836630	2.42E-09	30YrCancerRi	2.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	272
273	ALL		734443	3836630	2.88E-09	30YrCancerRi	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	273
274	ALL		734468	3836630	3.54E-09	30YrCancerRi	3.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	274
275	ALL		734493	3836630	4.44E-09	30YrCancerRi	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	275
276	ALL		734518	3836630	5.77E-09	30YrCancerRi	5.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	276
277	ALL		734543	3836630	7.63E-09	30YrCancerRi	7.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	277
278	ALL		734568	3836630	1.01E-08	30YrCancerRi	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	278
279	ALL		734593	3836630	1.29E-08	30YrCancerRi	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	279
280	ALL		734609.33	3836629.52	1.43E-08	30YrCancerRi	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	280
281	ALL		734293	3836655	1.34E-09	30YrCancerRi	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	281
282	ALL		734318	3836655	1.49E-09	30YrCancerRi	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	282
283	ALL		734343	3836655	1.67E-09	30YrCancerRi	1.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	283
284	ALL		734368	3836655	1.91E-09	30YrCancerRi	1.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	284
285	ALL		734393	3836655	2.21E-09	30YrCancerRi	2.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	285
286	ALL		734418	3836655	2.59E-09	30YrCancerRi	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	286
287	ALL		734443	3836655	3.10E-09	30YrCancerRi	3.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	287
288	ALL		734468	3836655	3.80E-09	30YrCancerRi	3.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	288
289	ALL		734493	3836655	4.76E-09	30YrCancerRi	4.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	289
290	ALL		734518	3836655	6.01E-09	30YrCancerRi	6.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	290
291	ALL		734543	3836655	7.46E-09	30YrCancerRi	7.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	291
292	ALL		734568	3836655	9.04E-09	30YrCancerRi	9.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	292
293	ALL		734593	3836655	1.01E-08	30YrCancerRi	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	293
294	ALL		734608.61	3836654.76	1.04E-08	30YrCancerRi	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	294
295	ALL		734293	3836680	1.38E-09	30YrCancerRi	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	295
296	ALL		734318	3836680	1.53E-09	30YrCancerRi	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	296
297	ALL		734343	3836680	1.72E-09	30YrCancerRi	1.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	297
298	ALL		734368	3836680	1.97E-09	30YrCancerRi	1.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	298
299	ALL		734393	3836680	2.28E-09	30YrCancerRi	2.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	299
300	ALL		734418	3836680	2.69E-09	30YrCancerRi	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	300
301	ALL		734443	3836680	3.20E-09	30YrCancerRi	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	301
302	ALL		734468	3836680	3.91E-09	30YrCancerRi	3.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	302
303	ALL		734493	3836680	4.72E-09	30YrCancerRi	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	303
304	ALL		734518	3836680	5.67E-09	30YrCancerRi	5.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	304
305	ALL		734543	3836680	6.67E-09	30YrCancerRi	6.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	305
306	ALL		734568	3836680	7.47E-09	30YrCancerRi	7.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	306
307	ALL		734593	3836680	7.73E-09	30YrCancerRi	7.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	307
308	ALL		734293	3836705	1.40E-09	30YrCancerRi	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	308
309	ALL		734318	3836705	1.56E-09	30YrCancerRi	1.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	309
310	ALL		734343	3836705	1.75E-09	30YrCancerRi	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	310
311	ALL		734368	3836705	2.00E-09	30YrCancerRi	2.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	311
312	ALL		734393	3836705	2.32E-09	30YrCancerRi	2.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	312
313	ALL		734418	3836705	2.71E-09	30YrCancerRi	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	313
314	ALL		734443	3836705	3.20E-09	30YrCancerRi	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	314
315	ALL		734468	3836705	3.76E-09	30YrCancerRi	3.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	315
316	ALL		734493	3836705	4.43E-09	30YrCancerRi	4.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	316
317	ALL		734518	3836705	5.07E-09	30YrCancerRi	5.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	317
318	ALL		734543	3836705	5.69E-09	30YrCancerRi	5.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	318
319	ALL		734568	3836705	6.03E-09	30YrCancerRi	6.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	319
320	ALL		734593	3836705	6.04E-09	30YrCancerRi	6.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	320
321	ALL		734293	3836730	1.40E-09	30YrCancerRi	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	321
322	ALL		734318	3836730	1.56E-09	30YrCancerRi	1.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	322
323	ALL		734343	3836730	1.75E-09	30YrCancerRi	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	323
324	ALL		734368	3836730	2.00E-09	30YrCancerRi	2.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	324
325	ALL		734393	3836730	2.29E-09	30YrCancerRi	2.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	325
326	ALL		734418	3836730	2.64E-09	30YrCancerRi	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	326
327	ALL		734443	3836730	3.04E-09	30YrCancerRi	3.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	327
328	ALL		734468	3836730	3.50E-09	30YrCancerRi	3.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	328
329	ALL		734493	3836730	3.99E-09	30YrCancerRi	3.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	329
330	ALL		734518	3836730	4.42E-09	30YrCancerRi	4.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	330
331	ALL		734543	3836730	4.73E-09	30YrCancerRi	4.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	331
332	ALL		734568	3836730	4.84E-09	30YrCancerRi	4.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	332

***HARP - HRACalc v21081 10/7/2022 1:33:03 PM - Cancer Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Residential Cancer RiskHRAInput.hra**

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISI	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISI	EGG_RISK	
333	ALL		734593	3836730	4.83E-09	30YrCancerRi	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	333
334	ALL		734293	3836755	1.39E-09	30YrCancerRi	1.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	334
335	ALL		734318	3836755	1.55E-09	30YrCancerRi	1.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	335
336	ALL		734343	3836755	1.73E-09	30YrCancerRi	1.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	336
337	ALL		734368	3836755	1.96E-09	30YrCancerRi	1.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	337
338	ALL		734393	3836755	2.21E-09	30YrCancerRi	2.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	338
339	ALL		734418	3836755	2.49E-09	30YrCancerRi	2.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	339
340	ALL		734443	3836755	2.82E-09	30YrCancerRi	2.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	340
341	ALL		734468	3836755	3.18E-09	30YrCancerRi	3.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	341
342	ALL		734493	3836755	3.52E-09	30YrCancerRi	3.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	342
343	ALL		734518	3836755	3.76E-09	30YrCancerRi	3.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	343
344	ALL		734543	3836755	3.93E-09	30YrCancerRi	3.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	344
345	ALL		734568	3836755	3.99E-09	30YrCancerRi	3.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	345
346	ALL		734593	3836755	3.96E-09	30YrCancerRi	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	346
347	ALL		734293	3836780	1.38E-09	30YrCancerRi	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	347
348	ALL		734318	3836780	1.52E-09	30YrCancerRi	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	348
349	ALL		734343	3836780	1.68E-09	30YrCancerRi	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	349
350	ALL		734368	3836780	1.88E-09	30YrCancerRi	1.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	350
351	ALL		734393	3836780	2.10E-09	30YrCancerRi	2.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	351
352	ALL		734418	3836780	2.33E-09	30YrCancerRi	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	352
353	ALL		734443	3836780	2.59E-09	30YrCancerRi	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	353
354	ALL		734468	3836780	2.87E-09	30YrCancerRi	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	354
355	ALL		734493	3836780	3.08E-09	30YrCancerRi	3.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	355
356	ALL		734518	3836780	3.22E-09	30YrCancerRi	3.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	356
357	ALL		734543	3836780	3.31E-09	30YrCancerRi	3.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	357
358	ALL		734568	3836780	3.36E-09	30YrCancerRi	3.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	358
359	ALL		734593	3836780	3.34E-09	30YrCancerRi	3.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	359
360	ALL		734293	3836805	1.35E-09	30YrCancerRi	1.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	360
361	ALL		734318	3836805	1.48E-09	30YrCancerRi	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	361
362	ALL		734343	3836805	1.61E-09	30YrCancerRi	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	362
363	ALL		734368	3836805	1.78E-09	30YrCancerRi	1.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	363
364	ALL		734393	3836805	1.96E-09	30YrCancerRi	1.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	364
365	ALL		734418	3836805	2.15E-09	30YrCancerRi	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	365
366	ALL		734443	3836805	2.37E-09	30YrCancerRi	2.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	366
367	ALL		734468	3836805	2.55E-09	30YrCancerRi	2.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	367
368	ALL		734493	3836805	2.69E-09	30YrCancerRi	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	368
369	ALL		734518	3836805	2.78E-09	30YrCancerRi	2.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	369
370	ALL		734543	3836805	2.84E-09	30YrCancerRi	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	370
371	ALL		734568	3836805	2.88E-09	30YrCancerRi	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	371
372	ALL		734593	3836805	2.87E-09	30YrCancerRi	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	372
373	ALL		734293	3836830	1.31E-09	30YrCancerRi	1.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	373
374	ALL		734318	3836830	1.42E-09	30YrCancerRi	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	374
375	ALL		734343	3836830	1.54E-09	30YrCancerRi	1.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	375
376	ALL		734368	3836830	1.68E-09	30YrCancerRi	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	376
377	ALL		734393	3836830	1.83E-09	30YrCancerRi	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	377
378	ALL		734418	3836830	1.99E-09	30YrCancerRi	1.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	378
379	ALL		734443	3836830	2.14E-09	30YrCancerRi	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	379
380	ALL		734468	3836830	2.26E-09	30YrCancerRi	2.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	380
381	ALL		734493	3836830	2.35E-09	30YrCancerRi	2.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	381
382	ALL		734518	3836830	2.42E-09	30YrCancerRi	2.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	382
383	ALL		734543	3836830	2.48E-09	30YrCancerRi	2.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	383
384	ALL		734568	3836830	2.52E-09	30YrCancerRi	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	384
385	ALL		734593	3836830	2.50E-09	30YrCancerRi	2.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	385
386	ALL		734293	3836855	1.27E-09	30YrCancerRi	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	386
387	ALL		734318	3836855	1.37E-09	30YrCancerRi	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	387
388	ALL		734343	3836855	1.47E-09	30YrCancerRi	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	388
389	ALL		734368	3836855	1.59E-09	30YrCancerRi	1.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	389
390	ALL		734393	3836855	1.71E-09	30YrCancerRi	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	390
391	ALL		734418	3836855	1.83E-09	30YrCancerRi	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	391
392	ALL		734443	3836855	1.93E-09	30YrCancerRi	1.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	392
393	ALL		734468	3836855	2.02E-09	30YrCancerRi	2.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	393
394	ALL		734493	3836855	2.08E-09	30YrCancerRi	2.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	394
395	ALL		734518	3836855	2.14E-09	30YrCancerRi	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	395
396	ALL		734543	3836855	2.19E-09	30YrCancerRi	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	396
397	ALL		734568	3836855	2.23E-09	30YrCancerRi	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	397
398	ALL		734593	3836855	2.20E-09	30YrCancerRi	2.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	398

***HARP - HRACalc v21081 10/7/2022 1:34:02 PM - Chronic Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Residential Chronic RiskHRAInput.hra**

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVE	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI	
1	ALL		734293	3836155	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-07	1
2	ALL		734318	3836155	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-07	2
3	ALL		734343	3836155	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-07	3
4	ALL		734368	3836155	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-07	4
5	ALL		734393	3836155	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-07	5
6	ALL		734418	3836155	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-07	6
7	ALL		734443	3836155	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-07	7
8	ALL		734468	3836155	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-07	8
9	ALL		734493	3836155	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-07	9
10	ALL		734518	3836155	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-07	10
11	ALL		734543	3836155	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-07	11
12	ALL		734568	3836155	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-07	12
13	ALL		734593	3836155	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-07	13
14	ALL		734618	3836155	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-07	14
15	ALL		734293	3836180	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-07	15
16	ALL		734318	3836180	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-07	16
17	ALL		734343	3836180	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-07	17
18	ALL		734368	3836180	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-07	18
19	ALL		734393	3836180	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-07	19
20	ALL		734418	3836180	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-07	20
21	ALL		734443	3836180	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-07	21
22	ALL		734468	3836180	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-07	22
23	ALL		734493	3836180	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-07	23
24	ALL		734518	3836180	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-07	24
25	ALL		734543	3836180	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-07	25
26	ALL		734568	3836180	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-07	26
27	ALL		734593	3836180	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-07	27
28	ALL		734618	3836180	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-07	28
29	ALL		734293	3836205	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-07	29
30	ALL		734318	3836205	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-07	30
31	ALL		734343	3836205	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	31
32	ALL		734368	3836205	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-07	32
33	ALL		734393	3836205	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-07	33
34	ALL		734418	3836205	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-07	34
35	ALL		734443	3836205	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-07	35
36	ALL		734468	3836205	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-07	36
37	ALL		734493	3836205	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-07	37
38	ALL		734518	3836205	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-07	38
39	ALL		734543	3836205	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-07	39
40	ALL		734568	3836205	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-07	40
41	ALL		734593	3836205	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-07	41
42	ALL		734618	3836205	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-07	42
43	ALL		734293	3836230	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-07	43
44	ALL		734318	3836230	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-07	44
45	ALL		734343	3836230	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-07	45
46	ALL		734368	3836230	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-07	46
47	ALL		734393	3836230	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-07	47
48	ALL		734418	3836230	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-07	48
49	ALL		734443	3836230	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-07	49
50	ALL		734468	3836230	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-07	50
51	ALL		734493	3836230	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-07	51
52	ALL		734518	3836230	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-07	52
53	ALL		734543	3836230	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-07	53
54	ALL		734568	3836230	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-07	54
55	ALL		734593	3836230	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-07	55
56	ALL		734618	3836230	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-07	56
57	ALL		734293	3836255	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-07	57
58	ALL		734318	3836255	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-07	58
59	ALL		734343	3836255	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-07	59
60	ALL		734368	3836255	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-07	60
61	ALL		734393	3836255	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-07	61
62	ALL		734418	3836255	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-07	62
63	ALL		734443	3836255	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-07	63
64	ALL		734468	3836255	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-07	64
65	ALL		734493	3836255	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-07	65
66	ALL		734518	3836255	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-07	66
67	ALL		734543	3836255	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-07	67
68	ALL		734568	3836255	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-07	68
69	ALL		734593	3836255	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-07	69
70	ALL		734618	3836255	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-07	70
71	ALL		734293	3836280	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-07	71
72	ALL		734318	3836280	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-07	72
73	ALL		734343	3836280	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-07	73
74	ALL		734368	3836280	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-07	74
75	ALL		734393	3836280	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-07	75
76	ALL		734418	3836280	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-07	76
77	ALL		734443	3836280	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-07	77
78	ALL		734468	3836280	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-07	78
79	ALL		734493	3836280	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-07	79
80	ALL		734518	3836280	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-07	80
81	ALL		734543	3836280	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-07	81
82	ALL		734568	3836280	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-07	82
83	ALL		734593	3836280	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-07	83

4.7249E-06 Residential Risk
266 Receptor

***HARP - HRACalc v21081 10/7/2022 1:34:02 PM - Chronic Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Residential Chronic RiskHRAInput.hra**

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVE	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI	
84	ALL		734618	3836280	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-07	84
85	ALL		734293	3836305	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-07	85
86	ALL		734318	3836305	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-07	86
87	ALL		734343	3836305	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-07	87
88	ALL		734368	3836305	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-07	88
89	ALL		734393	3836305	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-07	89
90	ALL		734418	3836305	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-07	90
91	ALL		734443	3836305	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-07	91
92	ALL		734468	3836305	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-07	92
93	ALL		734493	3836305	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-07	93
94	ALL		734518	3836305	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-07	94
95	ALL		734543	3836305	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-07	95
96	ALL		734568	3836305	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-07	96
97	ALL		734593	3836305	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-07	97
98	ALL		734618	3836305	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-07	98
99	ALL		734293	3836330	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-07	99
100	ALL		734318	3836330	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-07	100
101	ALL		734343	3836330	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-07	101
102	ALL		734368	3836330	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-07	102
103	ALL		734393	3836330	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-07	103
104	ALL		734418	3836330	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-07	104
105	ALL		734443	3836330	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-07	105
106	ALL		734468	3836330	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-07	106
107	ALL		734493	3836330	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-07	107
108	ALL		734518	3836330	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-07	108
109	ALL		734543	3836330	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-07	109
110	ALL		734568	3836330	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-07	110
111	ALL		734593	3836330	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-07	111
112	ALL		734618	3836330	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-07	112
113	ALL		734293	3836355	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-07	113
114	ALL		734318	3836355	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-07	114
115	ALL		734343	3836355	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-07	115
116	ALL		734368	3836355	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-07	116
117	ALL		734393	3836355	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-07	117
118	ALL		734418	3836355	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-07	118
119	ALL		734443	3836355	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-07	119
120	ALL		734468	3836355	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-07	120
121	ALL		734493	3836355	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-07	121
122	ALL		734518	3836355	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-07	122
123	ALL		734543	3836355	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-07	123
124	ALL		734568	3836355	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-07	124
125	ALL		734593	3836355	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-07	125
126	ALL		734618	3836355	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-07	126
127	ALL		734293	3836380	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-07	127
128	ALL		734318	3836380	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-07	128
129	ALL		734343	3836380	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-07	129
130	ALL		734368	3836380	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-07	130
131	ALL		734393	3836380	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-07	131
132	ALL		734418	3836380	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-07	132
133	ALL		734443	3836380	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-07	133
134	ALL		734468	3836380	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-07	134
135	ALL		734493	3836380	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-07	135
136	ALL		734518	3836380	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-07	136
137	ALL		734543	3836380	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-07	137
138	ALL		734568	3836380	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-07	138
139	ALL		734593	3836380	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-07	139
140	ALL		734618	3836380	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-07	140
141	ALL		734293	3836405	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-07	141
142	ALL		734318	3836405	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-07	142
143	ALL		734343	3836405	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-07	143
144	ALL		734368	3836405	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-07	144
145	ALL		734393	3836405	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-07	145
146	ALL		734418	3836405	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-07	146
147	ALL		734443	3836405	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-07	147
148	ALL		734468	3836405	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-07	148
149	ALL		734493	3836405	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-07	149
150	ALL		734518	3836405	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-07	150
151	ALL		734543	3836405	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-07	151
152	ALL		734568	3836405	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.88E-07	152
153	ALL		734593	3836405	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-07	153
154	ALL		734618	3836405	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-07	154
155	ALL		734293	3836430	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-07	155
156	ALL		734318	3836430	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-07	156
157	ALL		734343	3836430	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-07	157
158	ALL		734368	3836430	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-07	158
159	ALL		734393	3836430	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-07	159
160	ALL		734418	3836430	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-07	160
161	ALL		734443	3836430	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-07	161
162	ALL		734468	3836430	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-07	162
163	ALL		734493	3836430	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-07	163
164	ALL		734518	3836430	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-07	164
165	ALL		734543	3836430	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-07	165
166	ALL		734568	3836430	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-07	166

***HARP - HRACalc v21081 10/7/2022 1:34:02 PM - Chronic Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Residential Chronic RiskHRAInput.hra**

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVE	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI	
167	ALL		734593	3836430	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-07	167
168	ALL		734618	3836430	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-07	168
169	ALL		734293	3836455	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-07	169
170	ALL		734318	3836455	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-07	170
171	ALL		734343	3836455	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-07	171
172	ALL		734368	3836455	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-07	172
173	ALL		734393	3836455	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-07	173
174	ALL		734418	3836455	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-07	174
175	ALL		734443	3836455	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-07	175
176	ALL		734468	3836455	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-07	176
177	ALL		734493	3836455	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-07	177
178	ALL		734518	3836455	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-07	178
179	ALL		734543	3836455	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-07	179
180	ALL		734568	3836455	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-07	180
181	ALL		734593	3836455	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-06	181
182	ALL		734618	3836455	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-06	182
183	ALL		734293	3836480	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-07	183
184	ALL		734318	3836480	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-07	184
185	ALL		734343	3836480	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-07	185
186	ALL		734368	3836480	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-07	186
187	ALL		734393	3836480	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-07	187
188	ALL		734418	3836480	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-07	188
189	ALL		734443	3836480	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-07	189
190	ALL		734468	3836480	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-07	190
191	ALL		734493	3836480	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-07	191
192	ALL		734518	3836480	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-07	192
193	ALL		734543	3836480	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-07	193
194	ALL		734568	3836480	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-06	194
195	ALL		734593	3836480	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-06	195
196	ALL		734618	3836480	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-06	196
197	ALL		734293	3836505	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-07	197
198	ALL		734318	3836505	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-07	198
199	ALL		734343	3836505	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-07	199
200	ALL		734368	3836505	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-07	200
201	ALL		734393	3836505	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-07	201
202	ALL		734418	3836505	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-07	202
203	ALL		734443	3836505	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-07	203
204	ALL		734468	3836505	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-07	204
205	ALL		734493	3836505	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-07	205
206	ALL		734518	3836505	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-07	206
207	ALL		734543	3836505	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-07	207
208	ALL		734568	3836505	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-06	208
209	ALL		734593	3836505	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-06	209
210	ALL		734618	3836505	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-06	210
211	ALL		734293	3836530	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-07	211
212	ALL		734318	3836530	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-07	212
213	ALL		734343	3836530	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-07	213
214	ALL		734368	3836530	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-07	214
215	ALL		734393	3836530	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-07	215
216	ALL		734418	3836530	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-07	216
217	ALL		734443	3836530	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-07	217
218	ALL		734468	3836530	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-07	218
219	ALL		734493	3836530	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-07	219
220	ALL		734518	3836530	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-07	220
221	ALL		734543	3836530	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-06	221
222	ALL		734568	3836530	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-06	222
223	ALL		734593	3836530	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-06	223
224	ALL		734611.02	3836528.56	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-06	224
225	ALL		734293	3836555	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-07	225
226	ALL		734318	3836555	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-07	226
227	ALL		734343	3836555	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-07	227
228	ALL		734368	3836555	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-07	228
229	ALL		734393	3836555	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-07	229
230	ALL		734418	3836555	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-07	230
231	ALL		734443	3836555	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-07	231
232	ALL		734468	3836555	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-07	232
233	ALL		734493	3836555	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-07	233
234	ALL		734518	3836555	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-07	234
235	ALL		734543	3836555	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-06	235
236	ALL		734568	3836555	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-06	236
237	ALL		734593	3836555	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-06	237
238	ALL		734610.3	3836554.52	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-06	238
239	ALL		734293	3836580	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-07	239
240	ALL		734318	3836580	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-07	240
241	ALL		734343	3836580	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-07	241
242	ALL		734368	3836580	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-07	242
243	ALL		734393	3836580	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-07	243
244	ALL		734418	3836580	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-07	244
245	ALL		734443	3836580	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-07	245
246	ALL		734468	3836580	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-07	246
247	ALL		734493	3836580	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-07	247
248	ALL		734518	3836580	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-06	248
249	ALL		734543	3836580	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-06	249

***HARP - HRACalc v21081 10/7/2022 1:34:02 PM - Chronic Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Residential Chronic RiskHRAInput.hra**

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVE	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI	
250	ALL		734568	3836580	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-06	250
251	ALL		734593	3836580	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-06	251
252	ALL		734610.3	3836580	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-06	252
253	ALL		734293	3836605	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-07	253
254	ALL		734318	3836605	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-07	254
255	ALL		734343	3836605	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-07	255
256	ALL		734368	3836605	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-07	256
257	ALL		734393	3836605	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-07	257
258	ALL		734418	3836605	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-07	258
259	ALL		734443	3836605	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-07	259
260	ALL		734468	3836605	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-07	260
261	ALL		734493	3836605	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-06	261
262	ALL		734518	3836605	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-06	262
263	ALL		734543	3836605	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-06	263
264	ALL		734568	3836605	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-06	264
265	ALL		734593	3836605	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-06	265
266	ALL		734609.57	3836605	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-06	266
267	ALL		734293	3836630	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-07	267
268	ALL		734318	3836630	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-07	268
269	ALL		734343	3836630	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-07	269
270	ALL		734368	3836630	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-07	270
271	ALL		734393	3836630	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-07	271
272	ALL		734418	3836630	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-07	272
273	ALL		734443	3836630	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-07	273
274	ALL		734468	3836630	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-07	274
275	ALL		734493	3836630	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-06	275
276	ALL		734518	3836630	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-06	276
277	ALL		734543	3836630	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-06	277
278	ALL		734568	3836630	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-06	278
279	ALL		734593	3836630	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-06	279
280	ALL		734609.33	3836629.52	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-06	280
281	ALL		734293	3836655	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-07	281
282	ALL		734318	3836655	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-07	282
283	ALL		734343	3836655	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-07	283
284	ALL		734368	3836655	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-07	284
285	ALL		734393	3836655	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-07	285
286	ALL		734418	3836655	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-07	286
287	ALL		734443	3836655	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-07	287
288	ALL		734468	3836655	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-06	288
289	ALL		734493	3836655	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-06	289
290	ALL		734518	3836655	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-06	290
291	ALL		734543	3836655	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-06	291
292	ALL		734568	3836655	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-06	292
293	ALL		734593	3836655	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-06	293
294	ALL		734608.61	3836654.76	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-06	294
295	ALL		734293	3836680	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-07	295
296	ALL		734318	3836680	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-07	296
297	ALL		734343	3836680	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-07	297
298	ALL		734368	3836680	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-07	298
299	ALL		734393	3836680	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-07	299
300	ALL		734418	3836680	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-07	300
301	ALL		734443	3836680	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-07	301
302	ALL		734468	3836680	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-06	302
303	ALL		734493	3836680	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-06	303
304	ALL		734518	3836680	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-06	304
305	ALL		734543	3836680	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-06	305
306	ALL		734568	3836680	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-06	306
307	ALL		734593	3836680	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-06	307
308	ALL		734293	3836705	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-07	308
309	ALL		734318	3836705	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-07	309
310	ALL		734343	3836705	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-07	310
311	ALL		734368	3836705	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-07	311
312	ALL		734393	3836705	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-07	312
313	ALL		734418	3836705	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-07	313
314	ALL		734443	3836705	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-07	314
315	ALL		734468	3836705	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-07	315
316	ALL		734493	3836705	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-06	316
317	ALL		734518	3836705	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-06	317
318	ALL		734543	3836705	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-06	318
319	ALL		734568	3836705	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-06	319
320	ALL		734593	3836705	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-06	320
321	ALL		734293	3836730	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-07	321
322	ALL		734318	3836730	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-07	322
323	ALL		734343	3836730	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-07	323
324	ALL		734368	3836730	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-07	324
325	ALL		734393	3836730	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-07	325
326	ALL		734418	3836730	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-07	326
327	ALL		734443	3836730	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-07	327
328	ALL		734468	3836730	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-07	328
329	ALL		734493	3836730	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-06	329
330	ALL		734518	3836730	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-06	330
331	ALL		734543	3836730	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-06	331
332	ALL		734568	3836730	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-06	332

***HARP - HRACalc v21081 10/7/2022 1:34:02 PM - Chronic Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Residential Chronic RiskHRAInput.hra**

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVE	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI	
333	ALL		734593	3836730	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-06	333
334	ALL		734293	3836755	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-07	334
335	ALL		734318	3836755	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-07	335
336	ALL		734343	3836755	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-07	336
337	ALL		734368	3836755	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-07	337
338	ALL		734393	3836755	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-07	338
339	ALL		734418	3836755	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-07	339
340	ALL		734443	3836755	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-07	340
341	ALL		734468	3836755	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-07	341
342	ALL		734493	3836755	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-07	342
343	ALL		734518	3836755	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-07	343
344	ALL		734543	3836755	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-06	344
345	ALL		734568	3836755	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-06	345
346	ALL		734593	3836755	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-06	346
347	ALL		734293	3836780	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-07	347
348	ALL		734318	3836780	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-07	348
349	ALL		734343	3836780	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-07	349
350	ALL		734368	3836780	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-07	350
351	ALL		734393	3836780	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-07	351
352	ALL		734418	3836780	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-07	352
353	ALL		734443	3836780	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-07	353
354	ALL		734468	3836780	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-07	354
355	ALL		734493	3836780	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-07	355
356	ALL		734518	3836780	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-07	356
357	ALL		734543	3836780	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-07	357
358	ALL		734568	3836780	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-07	358
359	ALL		734593	3836780	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-07	359
360	ALL		734293	3836805	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-07	360
361	ALL		734318	3836805	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-07	361
362	ALL		734343	3836805	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-07	362
363	ALL		734368	3836805	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-07	363
364	ALL		734393	3836805	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-07	364
365	ALL		734418	3836805	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-07	365
366	ALL		734443	3836805	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-07	366
367	ALL		734468	3836805	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-07	367
368	ALL		734493	3836805	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-07	368
369	ALL		734518	3836805	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-07	369
370	ALL		734543	3836805	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-07	370
371	ALL		734568	3836805	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-07	371
372	ALL		734593	3836805	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-07	372
373	ALL		734293	3836830	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-07	373
374	ALL		734318	3836830	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-07	374
375	ALL		734343	3836830	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-07	375
376	ALL		734368	3836830	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-07	376
377	ALL		734393	3836830	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-07	377
378	ALL		734418	3836830	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-07	378
379	ALL		734443	3836830	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-07	379
380	ALL		734468	3836830	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-07	380
381	ALL		734493	3836830	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-07	381
382	ALL		734518	3836830	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-07	382
383	ALL		734543	3836830	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-07	383
384	ALL		734568	3836830	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-07	384
385	ALL		734593	3836830	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-07	385
386	ALL		734293	3836855	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-07	386
387	ALL		734318	3836855	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-07	387
388	ALL		734343	3836855	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-07	388
389	ALL		734368	3836855	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-07	389
390	ALL		734393	3836855	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-07	390
391	ALL		734418	3836855	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-07	391
392	ALL		734443	3836855	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-07	392
393	ALL		734468	3836855	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-07	393
394	ALL		734493	3836855	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-07	394
395	ALL		734518	3836855	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-07	395
396	ALL		734543	3836855	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-07	396
397	ALL		734568	3836855	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-07	397
398	ALL		734593	3836855	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-07	398

*HARP - HRACalc v21081 10/7/2022 1:36:18 PM - Cancer Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Worker Cancer RiskHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISI	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISI	EGG_RISK		
399	ALL		734633	3836153	8.59E-11	25YrCancerDe	8.59E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	399	
400	ALL		734658	3836153	8.78E-11	25YrCancerDe	8.78E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	400	
401	ALL		734683	3836153	8.76E-11	25YrCancerDe	8.76E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	401	
402	ALL		734708	3836153	8.86E-11	25YrCancerDe	8.86E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	402	
403	ALL		734733	3836153	9.16E-11	25YrCancerDe	9.16E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	403	
404	ALL		734758	3836153	9.29E-11	25YrCancerDe	9.29E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	404	
405	ALL		734783	3836153	9.39E-11	25YrCancerDe	9.39E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	405	
406	ALL		734808	3836153	9.44E-11	25YrCancerDe	9.44E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	406	
407	ALL		734833	3836153	9.24E-11	25YrCancerDe	9.24E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	407	
408	ALL		734858	3836153	9.14E-11	25YrCancerDe	9.14E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	408	
409	ALL		734633	3836178	9.32E-11	25YrCancerDe	9.32E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	409	
410	ALL		734658	3836178	9.50E-11	25YrCancerDe	9.50E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	410	
411	ALL		734683	3836178	9.51E-11	25YrCancerDe	9.51E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	411	
412	ALL		734708	3836178	9.67E-11	25YrCancerDe	9.67E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	412	
413	ALL		734733	3836178	1.00E-10	25YrCancerDe	1.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	413	
414	ALL		734758	3836178	1.02E-10	25YrCancerDe	1.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	414	
415	ALL		734783	3836178	1.02E-10	25YrCancerDe	1.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	415	
416	ALL		734808	3836178	1.02E-10	25YrCancerDe	1.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	416	
417	ALL		734833	3836178	1.01E-10	25YrCancerDe	1.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	417	
418	ALL		734858	3836178	1.01E-10	25YrCancerDe	1.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	418	
419	ALL		734883	3836178	1.02E-10	25YrCancerDe	1.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	419	
420	ALL		734633	3836203	1.01E-10	25YrCancerDe	1.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	420	
421	ALL		734658	3836203	1.03E-10	25YrCancerDe	1.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	421	
422	ALL		734683	3836203	1.04E-10	25YrCancerDe	1.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	422	
423	ALL		734708	3836203	1.06E-10	25YrCancerDe	1.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	423	
424	ALL		734733	3836203	1.10E-10	25YrCancerDe	1.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	424	
425	ALL		734758	3836203	1.11E-10	25YrCancerDe	1.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	425	
426	ALL		734783	3836203	1.11E-10	25YrCancerDe	1.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	426	
427	ALL		734808	3836203	1.12E-10	25YrCancerDe	1.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	427	
428	ALL		734833	3836203	1.12E-10	25YrCancerDe	1.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	428	
429	ALL		734858	3836203	1.13E-10	25YrCancerDe	1.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	429	
430	ALL		734883	3836203	1.15E-10	25YrCancerDe	1.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	430	
431	ALL		734908	3836203	1.16E-10	25YrCancerDe	1.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	431	
432	ALL		734633	3836228	1.11E-10	25YrCancerDe	1.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	432	
433	ALL		734658	3836228	1.13E-10	25YrCancerDe	1.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	433	
434	ALL		734683	3836228	1.15E-10	25YrCancerDe	1.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	434	
435	ALL		734708	3836228	1.18E-10	25YrCancerDe	1.18E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	435	
436	ALL		734733	3836228	1.21E-10	25YrCancerDe	1.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	436	
437	ALL		734758	3836228	1.22E-10	25YrCancerDe	1.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	437	
438	ALL		734783	3836228	1.23E-10	25YrCancerDe	1.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	438	
439	ALL		734808	3836228	1.24E-10	25YrCancerDe	1.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	439	
440	ALL		734833	3836228	1.25E-10	25YrCancerDe	1.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	440	
441	ALL		734858	3836228	1.27E-10	25YrCancerDe	1.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	441	
442	ALL		734883	3836228	1.29E-10	25YrCancerDe	1.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	442	
443	ALL		734908	3836228	1.32E-10	25YrCancerDe	1.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	443	
444	ALL		734933	3836228	1.36E-10	25YrCancerDe	1.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	444	
445	ALL		734633	3836253	1.22E-10	25YrCancerDe	1.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	445	
446	ALL		734658	3836253	1.26E-10	25YrCancerDe	1.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	446	
447	ALL		734683	3836253	1.29E-10	25YrCancerDe	1.29E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	447	
448	ALL		734708	3836253	1.32E-10	25YrCancerDe	1.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	448	
449	ALL		734733	3836253	1.36E-10	25YrCancerDe	1.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	449	
450	ALL		734758	3836253	1.37E-10	25YrCancerDe	1.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	450	
451	ALL		734783	3836253	1.38E-10	25YrCancerDe	1.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	451	
452	ALL		734808	3836253	1.40E-10	25YrCancerDe	1.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	452	
453	ALL		734833	3836253	1.42E-10	25YrCancerDe	1.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	453	
454	ALL		734858	3836253	1.45E-10	25YrCancerDe	1.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	454	
455	ALL		734883	3836253	1.48E-10	25YrCancerDe	1.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	455	
456	ALL		734908	3836253	1.53E-10	25YrCancerDe	1.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	456	
457	ALL		734933	3836253	1.59E-10	25YrCancerDe	1.59E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	457	
458	ALL		734958	3836253	1.65E-10	25YrCancerDe	1.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	458	
459	ALL		734633	3836278	1.34E-10	25YrCancerDe	1.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	459	
460	ALL		734658	3836278	1.40E-10	25YrCancerDe	1.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	460	
461	ALL		734683	3836278	1.46E-10	25YrCancerDe	1.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	461	
462	ALL		734708	3836278	1.51E-10	25YrCancerDe	1.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	462	
463	ALL		734733	3836278	1.55E-10	25YrCancerDe	1.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	463	
464	ALL		734758	3836278	1.57E-10	25YrCancerDe	1.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	464	
465	ALL		734783	3836278	1.60E-10	25YrCancerDe	1.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	465	
466	ALL		734808	3836278	1.63E-10	25YrCancerDe	1.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	466	
467	ALL		734833	3836278	1.66E-10	25YrCancerDe	1.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	467	
468	ALL		734858	3836278	1.70E-10	25YrCancerDe	1.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	468	
469	ALL		734883	3836278	1.75E-10	25YrCancerDe	1.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	469	
470	ALL		734908	3836278	1.83E-10	25YrCancerDe	1.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	470	
471	ALL		734933	3836278	1.90E-10	25YrCancerDe	1.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	471	
472	ALL		734958	3836278	1.98E-10	25YrCancerDe	1.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	472	
473	ALL		734633	3836303	1.48E-10	25YrCancerDe	1.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	473	
474	ALL		734658	3836303	1.56E-10	25YrCancerDe	1.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	474	
475	ALL		734683	3836303	1.65E-10	25YrCancerDe	1.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	475	
476	ALL		734708	3836303	1.74E-10	25YrCancerDe	1.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	476	

7.7678E-09	**Residential Risk**
0.0077678	
613	**Receptor**

*HARP - HRACalc v21081 10/7/2022 1:36:18 PM - Cancer Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Worker Cancer RiskHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISI	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISI	EGG_RISK	
477	ALL		734733	3836303	1.83E-10	25YrCancerDe	1.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	477
478	ALL		734758	3836303	1.87E-10	25YrCancerDe	1.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	478
479	ALL		734783	3836303	1.91E-10	25YrCancerDe	1.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	479
480	ALL		734808	3836303	1.95E-10	25YrCancerDe	1.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	480
481	ALL		734833	3836303	2.00E-10	25YrCancerDe	2.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	481
482	ALL		734858	3836303	2.06E-10	25YrCancerDe	2.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	482
483	ALL		734883	3836303	2.15E-10	25YrCancerDe	2.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	483
484	ALL		734908	3836303	2.26E-10	25YrCancerDe	2.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	484
485	ALL		734933	3836303	2.35E-10	25YrCancerDe	2.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	485
486	ALL		734958	3836303	2.44E-10	25YrCancerDe	2.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	486
487	ALL		734633	3836328	1.67E-10	25YrCancerDe	1.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	487
488	ALL		734658	3836328	1.78E-10	25YrCancerDe	1.78E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	488
489	ALL		734683	3836328	1.90E-10	25YrCancerDe	1.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	489
490	ALL		734708	3836328	2.04E-10	25YrCancerDe	2.04E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	490
491	ALL		734733	3836328	2.17E-10	25YrCancerDe	2.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	491
492	ALL		734758	3836328	2.27E-10	25YrCancerDe	2.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	492
493	ALL		734783	3836328	2.33E-10	25YrCancerDe	2.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	493
494	ALL		734808	3836328	2.40E-10	25YrCancerDe	2.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	494
495	ALL		734833	3836328	2.49E-10	25YrCancerDe	2.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	495
496	ALL		734858	3836328	2.60E-10	25YrCancerDe	2.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	496
497	ALL		734883	3836328	2.75E-10	25YrCancerDe	2.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	497
498	ALL		734908	3836328	2.90E-10	25YrCancerDe	2.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	498
499	ALL		734933	3836328	3.01E-10	25YrCancerDe	3.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	499
500	ALL		734958	3836328	3.08E-10	25YrCancerDe	3.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	500
501	ALL		734633	3836353	1.90E-10	25YrCancerDe	1.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	501
502	ALL		734658	3836353	2.05E-10	25YrCancerDe	2.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	502
503	ALL		734683	3836353	2.23E-10	25YrCancerDe	2.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	503
504	ALL		734708	3836353	2.42E-10	25YrCancerDe	2.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	504
505	ALL		734733	3836353	2.61E-10	25YrCancerDe	2.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	505
506	ALL		734758	3836353	2.74E-10	25YrCancerDe	2.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	506
507	ALL		734783	3836353	2.86E-10	25YrCancerDe	2.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	507
508	ALL		734808	3836353	2.99E-10	25YrCancerDe	2.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	508
509	ALL		734833	3836353	3.19E-10	25YrCancerDe	3.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	509
510	ALL		734858	3836353	3.43E-10	25YrCancerDe	3.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	510
511	ALL		734883	3836353	3.66E-10	25YrCancerDe	3.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	511
512	ALL		734908	3836353	3.84E-10	25YrCancerDe	3.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	512
513	ALL		734933	3836353	3.94E-10	25YrCancerDe	3.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	513
514	ALL		734958	3836353	3.98E-10	25YrCancerDe	3.98E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	514
515	ALL		734633	3836378	2.20E-10	25YrCancerDe	2.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	515
516	ALL		734658	3836378	2.40E-10	25YrCancerDe	2.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	516
517	ALL		734683	3836378	2.67E-10	25YrCancerDe	2.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	517
518	ALL		734708	3836378	2.96E-10	25YrCancerDe	2.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	518
519	ALL		734733	3836378	3.22E-10	25YrCancerDe	3.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	519
520	ALL		734758	3836378	3.42E-10	25YrCancerDe	3.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	520
521	ALL		734783	3836378	3.64E-10	25YrCancerDe	3.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	521
522	ALL		734808	3836378	3.96E-10	25YrCancerDe	3.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	522
523	ALL		734833	3836378	4.37E-10	25YrCancerDe	4.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	523
524	ALL		734858	3836378	4.77E-10	25YrCancerDe	4.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	524
525	ALL		734883	3836378	5.07E-10	25YrCancerDe	5.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	525
526	ALL		734908	3836378	5.24E-10	25YrCancerDe	5.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	526
527	ALL		734933	3836378	5.28E-10	25YrCancerDe	5.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	527
528	ALL		734958	3836378	5.20E-10	25YrCancerDe	5.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	528
529	ALL		734633	3836403	2.58E-10	25YrCancerDe	2.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	529
530	ALL		734658	3836403	2.87E-10	25YrCancerDe	2.87E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	530
531	ALL		734683	3836403	3.28E-10	25YrCancerDe	3.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	531
532	ALL		734708	3836403	3.72E-10	25YrCancerDe	3.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	532
533	ALL		734733	3836403	4.09E-10	25YrCancerDe	4.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	533
534	ALL		734758	3836403	4.46E-10	25YrCancerDe	4.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	534
535	ALL		734783	3836403	5.02E-10	25YrCancerDe	5.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	535
536	ALL		734808	3836403	5.75E-10	25YrCancerDe	5.75E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	536
537	ALL		734833	3836403	6.48E-10	25YrCancerDe	6.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	537
538	ALL		734858	3836403	7.01E-10	25YrCancerDe	7.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	538
539	ALL		734883	3836403	7.28E-10	25YrCancerDe	7.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	539
540	ALL		734908	3836403	7.30E-10	25YrCancerDe	7.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	540
541	ALL		734933	3836403	7.10E-10	25YrCancerDe	7.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	541
542	ALL		734958	3836403	6.76E-10	25YrCancerDe	6.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	542
543	ALL		734633	3836428	3.09E-10	25YrCancerDe	3.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	543
544	ALL		734658	3836428	3.51E-10	25YrCancerDe	3.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	544
545	ALL		734683	3836428	4.13E-10	25YrCancerDe	4.13E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	545
546	ALL		734708	3836428	4.77E-10	25YrCancerDe	4.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	546
547	ALL		734733	3836428	5.39E-10	25YrCancerDe	5.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	547
548	ALL		734758	3836428	6.38E-10	25YrCancerDe	6.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	548
549	ALL		734783	3836428	7.82E-10	25YrCancerDe	7.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	549
550	ALL		734808	3836428	9.28E-10	25YrCancerDe	9.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	550
551	ALL		734833	3836428	1.03E-09	25YrCancerDe	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	551
552	ALL		734858	3836428	1.07E-09	25YrCancerDe	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	552
553	ALL		734883	3836428	1.06E-09	25YrCancerDe	1.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	553
554	ALL		734908	3836428	1.01E-09	25YrCancerDe	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	554

*HARP - HRACalc v21081 10/7/2022 1:36:18 PM - Cancer Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Worker Cancer RiskHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISI	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISI	EGG_RISK		
555	ALL		734933	3836428	9.39E-10	25YrCancerDe	9.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	555
556	ALL		734958	3836428	8.62E-10	25YrCancerDe	8.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	556
557	ALL		734633	3836453	3.77E-10	25YrCancerDe	3.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	557
558	ALL		734658	3836453	4.36E-10	25YrCancerDe	4.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	558
559	ALL		734683	3836453	5.28E-10	25YrCancerDe	5.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	559
560	ALL		734708	3836453	6.25E-10	25YrCancerDe	6.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	560
561	ALL		734733	3836453	7.77E-10	25YrCancerDe	7.77E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	561
562	ALL		734758	3836453	1.07E-09	25YrCancerDe	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	562
563	ALL		734783	3836453	1.40E-09	25YrCancerDe	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	563
564	ALL		734808	3836453	1.61E-09	25YrCancerDe	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	564
565	ALL		734833	3836453	1.67E-09	25YrCancerDe	1.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	565
566	ALL		734858	3836453	1.62E-09	25YrCancerDe	1.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	566
567	ALL		734883	3836453	1.50E-09	25YrCancerDe	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	567
568	ALL		734908	3836453	1.36E-09	25YrCancerDe	1.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	568
569	ALL		734933	3836453	1.22E-09	25YrCancerDe	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	569
570	ALL		734958	3836453	1.08E-09	25YrCancerDe	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	570
571	ALL		734633	3836478	4.74E-10	25YrCancerDe	4.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	571
572	ALL		734658	3836478	5.39E-10	25YrCancerDe	5.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	572
573	ALL		734683	3836478	6.56E-10	25YrCancerDe	6.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	573
574	ALL		734708	3836478	8.30E-10	25YrCancerDe	8.30E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	574
575	ALL		734733	3836478	1.35E-09	25YrCancerDe	1.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	575
576	ALL		734758	3836478	2.14E-09	25YrCancerDe	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	576
577	ALL		734783	3836478	2.65E-09	25YrCancerDe	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	577
578	ALL		734808	3836478	2.77E-09	25YrCancerDe	2.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	578
579	ALL		734833	3836478	2.63E-09	25YrCancerDe	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	579
580	ALL		734858	3836478	2.36E-09	25YrCancerDe	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	580
581	ALL		734883	3836478	2.06E-09	25YrCancerDe	2.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	581
582	ALL		734908	3836478	1.78E-09	25YrCancerDe	1.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	582
583	ALL		734933	3836478	1.53E-09	25YrCancerDe	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	583
584	ALL		734958	3836478	1.32E-09	25YrCancerDe	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	584
585	ALL		734633	3836503	5.93E-10	25YrCancerDe	5.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	585
586	ALL		734658	3836503	6.06E-10	25YrCancerDe	6.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	586
587	ALL		734683	3836503	6.84E-10	25YrCancerDe	6.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	587
588	ALL		734708	3836503	1.21E-09	25YrCancerDe	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	588
589	ALL		734733	3836503	2.80E-09	25YrCancerDe	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	589
590	ALL		734758	3836503	4.31E-09	25YrCancerDe	4.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	590
591	ALL		734783	3836503	4.72E-09	25YrCancerDe	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	591
592	ALL		734808	3836503	4.42E-09	25YrCancerDe	4.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	592
593	ALL		734833	3836503	3.84E-09	25YrCancerDe	3.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	593
594	ALL		734858	3836503	3.22E-09	25YrCancerDe	3.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	594
595	ALL		734883	3836503	2.67E-09	25YrCancerDe	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	595
596	ALL		734908	3836503	2.21E-09	25YrCancerDe	2.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	596
597	ALL		734933	3836503	1.83E-09	25YrCancerDe	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	597
598	ALL		734958	3836503	1.53E-09	25YrCancerDe	1.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	598
599	ALL		734633	3836528	7.39E-10	25YrCancerDe	7.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	599
600	ALL		734658	3836528	6.91E-10	25YrCancerDe	6.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	600
601	ALL		734683	3836528	7.79E-10	25YrCancerDe	7.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	601
602	ALL		734708	3836528	2.15E-09	25YrCancerDe	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	602
603	ALL		734733	3836528	5.66E-09	25YrCancerDe	5.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	603
604	ALL		734758	3836528	7.22E-09	25YrCancerDe	7.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	604
605	ALL		734783	3836528	6.95E-09	25YrCancerDe	6.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	605
606	ALL		734808	3836528	5.92E-09	25YrCancerDe	5.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	606
607	ALL		734833	3836528	4.80E-09	25YrCancerDe	4.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	607
608	ALL		734633	3836553	1.50E-09	25YrCancerDe	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	608
609	ALL		734658	3836553	2.12E-09	25YrCancerDe	2.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	609
610	ALL		734683	3836553	1.29E-09	25YrCancerDe	1.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	610
611	ALL		734708	3836553	2.16E-09	25YrCancerDe	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	611
612	ALL		734733	3836553	6.60E-09	25YrCancerDe	6.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	612
613	ALL		734758	3836553	7.77E-09	25YrCancerDe	7.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	613
614	ALL		734783	3836553	7.14E-09	25YrCancerDe	7.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	614
615	ALL		734808	3836553	5.87E-09	25YrCancerDe	5.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	615
616	ALL		734833	3836553	4.67E-09	25YrCancerDe	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	616
617	ALL		734633	3836578	2.91E-09	25YrCancerDe	2.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	617
618	ALL		734658	3836578	2.58E-09	25YrCancerDe	2.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	618
619	ALL		734683	3836578	4.58E-10	25YrCancerDe	4.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	619
620	ALL		734708	3836578	5.69E-10	25YrCancerDe	5.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	620
621	ALL		734733	3836578	2.44E-09	25YrCancerDe	2.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	621
622	ALL		734758	3836578	4.11E-09	25YrCancerDe	4.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	622
623	ALL		734783	3836578	4.47E-09	25YrCancerDe	4.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	623
624	ALL		734808	3836578	4.04E-09	25YrCancerDe	4.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	624
625	ALL		734833	3836578	3.41E-09	25YrCancerDe	3.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	625
626	ALL		734633	3836603	1.83E-09	25YrCancerDe	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	626
627	ALL		734658	3836603	1.45E-09	25YrCancerDe	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	627
628	ALL		734683	3836603	6.83E-10	25YrCancerDe	6.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	628
629	ALL		734708	3836603	5.05E-10	25YrCancerDe	5.05E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	629
630	ALL		734733	3836603	7.03E-10	25YrCancerDe	7.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	630
631	ALL		734758	3836603	1.25E-09	25YrCancerDe	1.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	631
632	ALL		734783	3836603	1.71E-09	25YrCancerDe	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	632

*HARP - HRACalc v21081 10/7/2022 1:36:18 PM - Cancer Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Worker Cancer RiskHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISI	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISI	EGG_RISK	
633	ALL		734808	3836603	1.87E-09	25YrCancerDe	1.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	633
634	ALL		734833	3836603	1.83E-09	25YrCancerDe	1.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	634
635	ALL		734633	3836628	1.20E-09	25YrCancerDe	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	635
636	ALL		734658	3836628	9.35E-10	25YrCancerDe	9.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	636
637	ALL		734683	3836628	6.35E-10	25YrCancerDe	6.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	637
638	ALL		734708	3836628	5.03E-10	25YrCancerDe	5.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	638
639	ALL		734733	3836628	4.67E-10	25YrCancerDe	4.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	639
640	ALL		734758	3836628	5.42E-10	25YrCancerDe	5.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	640
641	ALL		734783	3836628	6.93E-10	25YrCancerDe	6.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	641
642	ALL		734808	3836628	8.33E-10	25YrCancerDe	8.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	642
643	ALL		734833	3836628	9.22E-10	25YrCancerDe	9.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	643
644	ALL		734633	3836653	8.16E-10	25YrCancerDe	8.16E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	644
645	ALL		734658	3836653	6.68E-10	25YrCancerDe	6.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	645
646	ALL		734683	3836653	5.08E-10	25YrCancerDe	5.08E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	646
647	ALL		734708	3836653	4.21E-10	25YrCancerDe	4.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	647
648	ALL		734733	3836653	3.74E-10	25YrCancerDe	3.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	648
649	ALL		734758	3836653	3.66E-10	25YrCancerDe	3.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	649
650	ALL		734783	3836653	3.99E-10	25YrCancerDe	3.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	650
651	ALL		734808	3836653	4.53E-10	25YrCancerDe	4.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	651
652	ALL		734833	3836653	5.11E-10	25YrCancerDe	5.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	652
653	ALL		734633	3836678	5.94E-10	25YrCancerDe	5.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	653
654	ALL		734658	3836678	5.00E-10	25YrCancerDe	5.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	654
655	ALL		734683	3836678	4.06E-10	25YrCancerDe	4.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	655
656	ALL		734708	3836678	3.50E-10	25YrCancerDe	3.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	656
657	ALL		734733	3836678	3.14E-10	25YrCancerDe	3.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	657
658	ALL		734758	3836678	2.94E-10	25YrCancerDe	2.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	658
659	ALL		734783	3836678	2.94E-10	25YrCancerDe	2.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	659
660	ALL		734808	3836678	3.09E-10	25YrCancerDe	3.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	660
661	ALL		734833	3836678	3.34E-10	25YrCancerDe	3.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	661
662	ALL		734633	3836703	4.57E-10	25YrCancerDe	4.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	662
663	ALL		734658	3836703	3.93E-10	25YrCancerDe	3.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	663
664	ALL		734683	3836703	3.33E-10	25YrCancerDe	3.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	664
665	ALL		734708	3836703	2.96E-10	25YrCancerDe	2.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	665
666	ALL		734733	3836703	2.70E-10	25YrCancerDe	2.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	666
667	ALL		734758	3836703	2.51E-10	25YrCancerDe	2.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	667
668	ALL		734783	3836703	2.43E-10	25YrCancerDe	2.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	668
669	ALL		734808	3836703	2.43E-10	25YrCancerDe	2.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	669
670	ALL		734833	3836703	2.50E-10	25YrCancerDe	2.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	670
671	ALL		734633	3836728	3.66E-10	25YrCancerDe	3.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	671
672	ALL		734658	3836728	3.21E-10	25YrCancerDe	3.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	672
673	ALL		734683	3836728	2.81E-10	25YrCancerDe	2.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	673
674	ALL		734708	3836728	2.54E-10	25YrCancerDe	2.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	674
675	ALL		734733	3836728	2.36E-10	25YrCancerDe	2.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	675
676	ALL		734758	3836728	2.21E-10	25YrCancerDe	2.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	676
677	ALL		734783	3836728	2.11E-10	25YrCancerDe	2.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	677
678	ALL		734808	3836728	2.06E-10	25YrCancerDe	2.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	678
679	ALL		734833	3836728	2.07E-10	25YrCancerDe	2.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	679
680	ALL		734633	3836753	3.01E-10	25YrCancerDe	3.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	680
681	ALL		734658	3836753	2.70E-10	25YrCancerDe	2.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	681
682	ALL		734683	3836753	2.42E-10	25YrCancerDe	2.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	682
683	ALL		734708	3836753	2.23E-10	25YrCancerDe	2.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	683
684	ALL		734733	3836753	2.10E-10	25YrCancerDe	2.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	684
685	ALL		734758	3836753	1.99E-10	25YrCancerDe	1.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	685
686	ALL		734783	3836753	1.90E-10	25YrCancerDe	1.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	686
687	ALL		734808	3836753	1.83E-10	25YrCancerDe	1.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	687
688	ALL		734833	3836753	1.80E-10	25YrCancerDe	1.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	688
689	ALL		734633	3836778	2.54E-10	25YrCancerDe	2.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	689
690	ALL		734658	3836778	2.32E-10	25YrCancerDe	2.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	690
691	ALL		734683	3836778	2.12E-10	25YrCancerDe	2.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	691
692	ALL		734708	3836778	1.99E-10	25YrCancerDe	1.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	692
693	ALL		734733	3836778	1.88E-10	25YrCancerDe	1.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	693
694	ALL		734758	3836778	1.81E-10	25YrCancerDe	1.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	694
695	ALL		734783	3836778	1.73E-10	25YrCancerDe	1.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	695
696	ALL		734808	3836778	1.66E-10	25YrCancerDe	1.66E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	696
697	ALL		734833	3836778	1.62E-10	25YrCancerDe	1.62E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	697
698	ALL		734633	3836803	2.19E-10	25YrCancerDe	2.19E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	698
699	ALL		734658	3836803	2.02E-10	25YrCancerDe	2.02E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	699
700	ALL		734683	3836803	1.89E-10	25YrCancerDe	1.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	700
701	ALL		734708	3836803	1.79E-10	25YrCancerDe	1.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	701
702	ALL		734733	3836803	1.71E-10	25YrCancerDe	1.71E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	702
703	ALL		734758	3836803	1.65E-10	25YrCancerDe	1.65E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	703
704	ALL		734783	3836803	1.60E-10	25YrCancerDe	1.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	704
705	ALL		734808	3836803	1.53E-10	25YrCancerDe	1.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	705
706	ALL		734833	3836803	1.48E-10	25YrCancerDe	1.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	706
707	ALL		734633	3836828	1.91E-10	25YrCancerDe	1.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	707
708	ALL		734658	3836828	1.79E-10	25YrCancerDe	1.79E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	708
709	ALL		734683	3836828	1.70E-10	25YrCancerDe	1.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	709
710	ALL		734708	3836828	1.63E-10	25YrCancerDe	1.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	710

*HARP - HRACalc v21081 10/7/2022 1:36:18 PM - Cancer Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Worker Cancer RiskHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISI	MMILK_RISK	WATER_RISK	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISK	PIG_RISK	CHICKEN_RISI	EGG_RISK	
711	ALL		734733	3836828	1.56E-10	25YrCancerDe	1.56E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	711
712	ALL		734758	3836828	1.52E-10	25YrCancerDe	1.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	712
713	ALL		734783	3836828	1.48E-10	25YrCancerDe	1.48E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	713
714	ALL		734808	3836828	1.42E-10	25YrCancerDe	1.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	714
715	ALL		734833	3836828	1.37E-10	25YrCancerDe	1.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	715
716	ALL		734633	3836853	1.69E-10	25YrCancerDe	1.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	716
717	ALL		734658	3836853	1.61E-10	25YrCancerDe	1.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	717
718	ALL		734683	3836853	1.54E-10	25YrCancerDe	1.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	718
719	ALL		734708	3836853	1.49E-10	25YrCancerDe	1.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	719
720	ALL		734733	3836853	1.45E-10	25YrCancerDe	1.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	720
721	ALL		734758	3836853	1.41E-10	25YrCancerDe	1.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	721
722	ALL		734783	3836853	1.37E-10	25YrCancerDe	1.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	722
723	ALL		734808	3836853	1.33E-10	25YrCancerDe	1.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	723
724	ALL		734833	3836853	1.28E-10	25YrCancerDe	1.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	724

*HARP - HRACalc v21081 10/7/2022 1:36:53 PM - Chronic Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Worker Chronic RiskHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVE	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI	
399	ALL		734633	3836153	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-07	399
400	ALL		734658	3836153	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-07	400
401	ALL		734683	3836153	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-07	401
402	ALL		734708	3836153	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-07	402
403	ALL		734733	3836153	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-07	403
404	ALL		734758	3836153	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-07	404
405	ALL		734783	3836153	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-07	405
406	ALL		734808	3836153	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-07	406
407	ALL		734833	3836153	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-07	407
408	ALL		734858	3836153	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-07	408
409	ALL		734633	3836178	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-07	409
410	ALL		734658	3836178	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-07	410
411	ALL		734683	3836178	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-07	411
412	ALL		734708	3836178	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-07	412
413	ALL		734733	3836178	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-07	413
414	ALL		734758	3836178	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-07	414
415	ALL		734783	3836178	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-07	415
416	ALL		734808	3836178	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-07	416
417	ALL		734833	3836178	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-07	417
418	ALL		734858	3836178	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-07	418
419	ALL		734883	3836178	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-07	419
420	ALL		734633	3836203	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-07	420
421	ALL		734658	3836203	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-07	421
422	ALL		734683	3836203	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-07	422
423	ALL		734708	3836203	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-07	423
424	ALL		734733	3836203	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-07	424
425	ALL		734758	3836203	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-07	425
426	ALL		734783	3836203	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-07	426
427	ALL		734808	3836203	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-07	427
428	ALL		734833	3836203	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-07	428
429	ALL		734858	3836203	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-07	429
430	ALL		734883	3836203	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-07	430
431	ALL		734908	3836203	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-07	431
432	ALL		734633	3836228	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-07	432
433	ALL		734658	3836228	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-07	433
434	ALL		734683	3836228	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-07	434
435	ALL		734708	3836228	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-07	435
436	ALL		734733	3836228	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-07	436
437	ALL		734758	3836228	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-07	437
438	ALL		734783	3836228	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-07	438
439	ALL		734808	3836228	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-07	439
440	ALL		734833	3836228	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-07	440
441	ALL		734858	3836228	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-07	441
442	ALL		734883	3836228	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-07	442
443	ALL		734908	3836228	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-07	443
444	ALL		734933	3836228	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-07	444
445	ALL		734633	3836253	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-07	445
446	ALL		734658	3836253	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-07	446
447	ALL		734683	3836253	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-07	447
448	ALL		734708	3836253	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-07	448
449	ALL		734733	3836253	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-07	449
450	ALL		734758	3836253	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-07	450
451	ALL		734783	3836253	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-07	451
452	ALL		734808	3836253	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-07	452
453	ALL		734833	3836253	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-07	453
454	ALL		734858	3836253	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-07	454
455	ALL		734883	3836253	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-07	455
456	ALL		734908	3836253	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-07	456
457	ALL		734933	3836253	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-07	457
458	ALL		734958	3836253	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-07	458
459	ALL		734633	3836278	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-07	459
460	ALL		734658	3836278	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-07	460
461	ALL		734683	3836278	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-07	461
462	ALL		734708	3836278	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-07	462
463	ALL		734733	3836278	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-07	463
464	ALL		734758	3836278	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-07	464
465	ALL		734783	3836278	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-07	465
466	ALL		734808	3836278	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-07	466
467	ALL		734833	3836278	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-07	467
468	ALL		734858	3836278	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-07	468
469	ALL		734883	3836278	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-07	469
470	ALL		734908	3836278	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-07	470
471	ALL		734933	3836278	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-07	471
472	ALL		734958	3836278	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-07	472
473	ALL		734633	3836303	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-07	473
474	ALL		734658	3836303	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-07	474
475	ALL		734683	3836303	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-07	475
476	ALL		734708	3836303	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-07	476
477	ALL		734733	3836303	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-07	477
478	ALL		734758	3836303	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-07	478

0.00003 Residential Risk
613 Receptor

*HARP - HRACalc v21081 10/7/2022 1:36:53 PM - Chronic Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Worker Chronic RiskHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVE	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI	
479	ALL		734783	3836303	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-07	479
480	ALL		734808	3836303	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-07	480
481	ALL		734833	3836303	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-07	481
482	ALL		734858	3836303	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-07	482
483	ALL		734883	3836303	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-07	483
484	ALL		734908	3836303	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-07	484
485	ALL		734933	3836303	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-07	485
486	ALL		734958	3836303	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-07	486
487	ALL		734633	3836328	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-07	487
488	ALL		734658	3836328	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-07	488
489	ALL		734683	3836328	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-07	489
490	ALL		734708	3836328	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-07	490
491	ALL		734733	3836328	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-07	491
492	ALL		734758	3836328	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-07	492
493	ALL		734783	3836328	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-07	493
494	ALL		734808	3836328	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-07	494
495	ALL		734833	3836328	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-07	495
496	ALL		734858	3836328	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-07	496
497	ALL		734883	3836328	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-07	497
498	ALL		734908	3836328	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-07	498
499	ALL		734933	3836328	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-07	499
500	ALL		734958	3836328	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-07	500
501	ALL		734633	3836353	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.14E-07	501
502	ALL		734658	3836353	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.62E-07	502
503	ALL		734683	3836353	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-07	503
504	ALL		734708	3836353	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-07	504
505	ALL		734733	3836353	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-07	505
506	ALL		734758	3836353	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-07	506
507	ALL		734783	3836353	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-07	507
508	ALL		734808	3836353	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-07	508
509	ALL		734833	3836353	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-06	509
510	ALL		734858	3836353	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-06	510
511	ALL		734883	3836353	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-06	511
512	ALL		734908	3836353	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-06	512
513	ALL		734933	3836353	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-06	513
514	ALL		734958	3836353	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-06	514
515	ALL		734633	3836378	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-07	515
516	ALL		734658	3836378	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-07	516
517	ALL		734683	3836378	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.63E-07	517
518	ALL		734708	3836378	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-07	518
519	ALL		734733	3836378	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-06	519
520	ALL		734758	3836378	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-06	520
521	ALL		734783	3836378	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-06	521
522	ALL		734808	3836378	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-06	522
523	ALL		734833	3836378	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-06	523
524	ALL		734858	3836378	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-06	524
525	ALL		734883	3836378	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-06	525
526	ALL		734908	3836378	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-06	526
527	ALL		734933	3836378	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-06	527
528	ALL		734958	3836378	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-06	528
529	ALL		734633	3836403	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-07	529
530	ALL		734658	3836403	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-07	530
531	ALL		734683	3836403	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-06	531
532	ALL		734708	3836403	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-06	532
533	ALL		734733	3836403	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-06	533
534	ALL		734758	3836403	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-06	534
535	ALL		734783	3836403	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-06	535
536	ALL		734808	3836403	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-06	536
537	ALL		734833	3836403	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-06	537
538	ALL		734858	3836403	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-06	538
539	ALL		734883	3836403	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-06	539
540	ALL		734908	3836403	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-06	540
541	ALL		734933	3836403	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-06	541
542	ALL		734958	3836403	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-06	542
543	ALL		734633	3836428	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-07	543
544	ALL		734658	3836428	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-06	544
545	ALL		734683	3836428	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-06	545
546	ALL		734708	3836428	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-06	546
547	ALL		734733	3836428	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-06	547
548	ALL		734758	3836428	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-06	548
549	ALL		734783	3836428	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-06	549
550	ALL		734808	3836428	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-06	550
551	ALL		734833	3836428	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-06	551
552	ALL		734858	3836428	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-06	552
553	ALL		734883	3836428	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-06	553
554	ALL		734908	3836428	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-06	554
555	ALL		734933	3836428	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-06	555
556	ALL		734958	3836428	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-06	556
557	ALL		734633	3836453	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-06	557

*HARP - HRACalc v21081 10/7/2022 1:36:53 PM - Chronic Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Worker Chronic RiskHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVE	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI	
558	ALL		734658	3836453	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-06	558
559	ALL		734683	3836453	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-06	559
560	ALL		734708	3836453	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-06	560
561	ALL		734733	3836453	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-06	561
562	ALL		734758	3836453	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-06	562
563	ALL		734783	3836453	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-06	563
564	ALL		734808	3836453	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-06	564
565	ALL		734833	3836453	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-06	565
566	ALL		734858	3836453	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-06	566
567	ALL		734883	3836453	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-06	567
568	ALL		734908	3836453	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-06	568
569	ALL		734933	3836453	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-06	569
570	ALL		734958	3836453	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-06	570
571	ALL		734633	3836478	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-06	571
572	ALL		734658	3836478	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-06	572
573	ALL		734683	3836478	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-06	573
574	ALL		734708	3836478	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-06	574
575	ALL		734733	3836478	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-06	575
576	ALL		734758	3836478	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-06	576
577	ALL		734783	3836478	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-06	577
578	ALL		734808	3836478	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-06	578
579	ALL		734833	3836478	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-06	579
580	ALL		734858	3836478	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-06	580
581	ALL		734883	3836478	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-06	581
582	ALL		734908	3836478	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-06	582
583	ALL		734933	3836478	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-06	583
584	ALL		734958	3836478	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-06	584
585	ALL		734633	3836503	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-06	585
586	ALL		734658	3836503	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-06	586
587	ALL		734683	3836503	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-06	587
588	ALL		734708	3836503	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-06	588
589	ALL		734733	3836503	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-06	589
590	ALL		734758	3836503	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	590
591	ALL		734783	3836503	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	591
592	ALL		734808	3836503	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	592
593	ALL		734833	3836503	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05	593
594	ALL		734858	3836503	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05	594
595	ALL		734883	3836503	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-06	595
596	ALL		734908	3836503	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.14E-06	596
597	ALL		734933	3836503	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-06	597
598	ALL		734958	3836503	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-06	598
599	ALL		734633	3836528	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-06	599
600	ALL		734658	3836528	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-06	600
601	ALL		734683	3836528	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-06	601
602	ALL		734708	3836528	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-06	602
603	ALL		734733	3836528	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	603
604	ALL		734758	3836528	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05	604
605	ALL		734783	3836528	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	605
606	ALL		734808	3836528	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05	606
607	ALL		734833	3836528	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05	607
608	ALL		734633	3836553	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-06	608
609	ALL		734658	3836553	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-06	609
610	ALL		734683	3836553	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-06	610
611	ALL		734708	3836553	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-06	611
612	ALL		734733	3836553	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-05	612
613	ALL		734758	3836553	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-05	613
614	ALL		734783	3836553	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	614
615	ALL		734808	3836553	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	615
616	ALL		734833	3836553	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05	616
617	ALL		734633	3836578	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-06	617
618	ALL		734658	3836578	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-06	618
619	ALL		734683	3836578	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-06	619
620	ALL		734708	3836578	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-06	620
621	ALL		734733	3836578	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-06	621
622	ALL		734758	3836578	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05	622
623	ALL		734783	3836578	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	623
624	ALL		734808	3836578	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05	624
625	ALL		734833	3836578	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	625
626	ALL		734633	3836603	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-06	626
627	ALL		734658	3836603	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-06	627
628	ALL		734683	3836603	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-06	628
629	ALL		734708	3836603	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-06	629
630	ALL		734733	3836603	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-06	630
631	ALL		734758	3836603	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-06	631
632	ALL		734783	3836603	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-06	632
633	ALL		734808	3836603	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-06	633
634	ALL		734833	3836603	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-06	634
635	ALL		734633	3836628	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-06	635
636	ALL		734658	3836628	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-06	636

*HARP - HRACalc v21081 10/7/2022 1:36:53 PM - Chronic Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Worker Chronic RiskHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVE	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI	
637	ALL		734683	3836628	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-06	637
638	ALL		734708	3836628	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-06	638
639	ALL		734733	3836628	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-06	639
640	ALL		734758	3836628	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-06	640
641	ALL		734783	3836628	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-06	641
642	ALL		734808	3836628	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-06	642
643	ALL		734833	3836628	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-06	643
644	ALL		734633	3836653	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-06	644
645	ALL		734658	3836653	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-06	645
646	ALL		734683	3836653	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-06	646
647	ALL		734708	3836653	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-06	647
648	ALL		734733	3836653	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-06	648
649	ALL		734758	3836653	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-06	649
650	ALL		734783	3836653	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-06	650
651	ALL		734808	3836653	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-06	651
652	ALL		734833	3836653	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-06	652
653	ALL		734633	3836678	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-06	653
654	ALL		734658	3836678	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-06	654
655	ALL		734683	3836678	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-06	655
656	ALL		734708	3836678	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-06	656
657	ALL		734733	3836678	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-06	657
658	ALL		734758	3836678	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-07	658
659	ALL		734783	3836678	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-07	659
660	ALL		734808	3836678	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.97E-07	660
661	ALL		734833	3836678	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-06	661
662	ALL		734633	3836703	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-06	662
663	ALL		734658	3836703	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-06	663
664	ALL		734683	3836703	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-06	664
665	ALL		734708	3836703	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-07	665
666	ALL		734733	3836703	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-07	666
667	ALL		734758	3836703	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-07	667
668	ALL		734783	3836703	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-07	668
669	ALL		734808	3836703	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-07	669
670	ALL		734833	3836703	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-07	670
671	ALL		734633	3836728	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-06	671
672	ALL		734658	3836728	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-06	672
673	ALL		734683	3836728	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-07	673
674	ALL		734708	3836728	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-07	674
675	ALL		734733	3836728	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-07	675
676	ALL		734758	3836728	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-07	676
677	ALL		734783	3836728	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-07	677
678	ALL		734808	3836728	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-07	678
679	ALL		734833	3836728	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-07	679
680	ALL		734633	3836753	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.71E-07	680
681	ALL		734658	3836753	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-07	681
682	ALL		734683	3836753	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-07	682
683	ALL		734708	3836753	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-07	683
684	ALL		734733	3836753	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-07	684
685	ALL		734758	3836753	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-07	685
686	ALL		734783	3836753	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-07	686
687	ALL		734808	3836753	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-07	687
688	ALL		734833	3836753	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-07	688
689	ALL		734633	3836778	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-07	689
690	ALL		734658	3836778	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-07	690
691	ALL		734683	3836778	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-07	691
692	ALL		734708	3836778	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-07	692
693	ALL		734733	3836778	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-07	693
694	ALL		734758	3836778	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-07	694
695	ALL		734783	3836778	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-07	695
696	ALL		734808	3836778	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-07	696
697	ALL		734833	3836778	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-07	697
698	ALL		734633	3836803	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-07	698
699	ALL		734658	3836803	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-07	699
700	ALL		734683	3836803	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-07	700
701	ALL		734708	3836803	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-07	701
702	ALL		734733	3836803	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-07	702
703	ALL		734758	3836803	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-07	703
704	ALL		734783	3836803	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-07	704
705	ALL		734808	3836803	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-07	705
706	ALL		734833	3836803	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-07	706
707	ALL		734633	3836828	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-07	707
708	ALL		734658	3836828	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-07	708
709	ALL		734683	3836828	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-07	709
710	ALL		734708	3836828	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-07	710
711	ALL		734733	3836828	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-07	711
712	ALL		734758	3836828	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-07	712
713	ALL		734783	3836828	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-07	713
714	ALL		734808	3836828	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-07	714
715	ALL		734833	3836828	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-07	715

*HARP - HRACalc v21081 10/7/2022 1:36:53 PM - Chronic Risk - Input File: C:\HARP2\Project Files\REDEYEKITE\hra\Worker Chronic RiskHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVE	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI	
716	ALL		734633	3836853	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-07	716
717	ALL		734658	3836853	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-07	717
718	ALL		734683	3836853	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-07	718
719	ALL		734708	3836853	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-07	719
720	ALL		734733	3836853	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-07	720
721	ALL		734758	3836853	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-07	721
722	ALL		734783	3836853	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-07	722
723	ALL		734808	3836853	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-07	723
724	ALL		734833	3836853	NonCancerCh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-07	724

Appendix C

Tribal Consultation Documentation

Santa Ynez Band of Chumash Indians
Tribal Elders' Council
P.O. Box 517 ◆ Santa Ynez ◆ CA ◆ 93460
Phone: (805)688-7997 ◆ Fax: (805)688-9578 ◆ Email: elders@santaynezchuhmash.org

May 31, 2022

City of Lompoc
Planning Division
100 Civic Center Plaza
Lompoc, CA 93436

Att.: Brian Halvorson, Planning Manager

Re: Red Eye Kite Cannabis Cultivation Project

Dear Mr. Halvorson:

Thank you for contacting the Tribal Elders' Council for the Santa Ynez Band of Chumash Indians.

At this time, the Elders' Council requests no further consultation on this project; however, we understand that as part of NHPA Section 106, we must be notified of the project.

Thank you for remembering that at one time our ancestors walked this sacred land.

Sincerely Yours,

Crystal Mendoza

Crystal Mendoza
Administrative Assistant | Cultural Resource Management
Santa Ynez Band of Chumash Indians | Tribal Hall
(805) 325-5537
cmendoza@santaynezchumash.org

City of LOMPOC

April 24, 2022

Santa Ynez Band of Chumash Indians
Kenneth Kahn, Chairperson
P.O. Box 517
Santa Ynez, CA, 93460

RE: Assembly Bill 52 Consultation, Red Eye Kite Indoor Cannabis Cultivation Project, City of Lompoc, Santa Barbara County, California

Dear Chairperson Kahn:

The City of Lompoc (City) is preparing an Initial Study – Mitigated Negative Declaration for the proposed Red Eye Kite Indoor Cannabis Cultivation Project located at 1501 East Laurel Avenue in a portion of an existing industrial business park. The project will include the utilization and upgrades to half (approximately 2,000 square feet) of an existing one-story industrial/warehouse building for indoor cannabis cultivation. The proposed project is subject to the California Environmental Quality Act.

The proposed project must comply with California Public Resources Code § 21080.3.1 (Assembly Bill [AB] 52 of 2014), which requires local governments to conduct meaningful consultation with California Native American tribes that have requested to be notified by lead agencies of proposed projects in the geographic area with which the tribe is traditionally and culturally affiliated.

The input of the Barbareñno/Ventureñno Band of Mission Indians is important to the City's planning process. Under AB 52, you have 30 days from receipt of this letter to respond in writing if you wish you consult on the proposed project. If you require any additional information or have any questions, please contact me via e-mail at b_halvorson@ci.lompoc.ca.us or at 805-875-8228. Thank you for your assistance

Sincerely,

Brian Halvorson
Planning Manager

Enclosure: Project Location Map

100 CIVIC CENTER PLAZA, LOMPOC, CA 93436
PHONE: 805-736-1261 FAX: 805-736-5347

Project Location Map

Project Area
Weigel, Cherridah - April 2022

0 100 200 ft

City of LOMPOC

April 24, 2022

San Luis Obispo County Chumash Council
1030 Ritchie Road
Grover Beach, CA, 93433

RE: Assembly Bill 52 Consultation, Red Eye Kite Indoor Cannabis Cultivation Project, City of Lompoc, Santa Barbara County, California

Dear Chairperson:

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City of LOMPOC

April 24, 2022

Northern Chumash Tribal Council
Violet Walker, Chairperson
P.O. Box 6533
Los Osos, CA, 93412

RE: Assembly Bill 52 Consultation, Red Eye Kite Indoor Cannabis Cultivation Project, City of Lompoc, Santa Barbara County, California

Dear Chairperson Walker:

The City of Lompoc (City) is preparing an Initial Study – Mitigated Negative Declaration for the proposed Red Eye Kite Indoor Cannabis Cultivation Project located at 1501 East Laurel Avenue in a portion of an existing industrial business park. The project will include the utilization and upgrades to half (approximately 2,000 square feet) of an existing one-story industrial/warehouse building for indoor cannabis cultivation. The proposed project is subject to the California Environmental Quality Act.

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City of LOMPOC

April 24, 2022

Coastal Band of the Chumash Nation
Mariza Sullivan, Chairperson
P. O. Box 4464
Santa Barbara, CA, 93140

RE: Assembly Bill 52 Consultation, Red Eye Kite Indoor Cannabis Cultivation Project, City of Lompoc, Santa Barbara County, California

Dear Chairperson Sullivan:

The City of Lompoc (City) is preparing an Initial Study – Mitigated Negative Declaration for the proposed Red Eye Kite Indoor Cannabis Cultivation Project located at 1501 East Laurel Avenue in a portion of an existing industrial business park. The project will include the utilization and upgrades to half (approximately 2,000 square feet) of an existing one-story industrial/warehouse building for indoor cannabis cultivation. The proposed project is subject to the California Environmental Quality Act.

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City of LOMPOC

April 24, 2022

Chumash Council of Bakersfield
Julio Quair, Chairperson
729 Texas Street
Bakersfield, CA, 93307

RE: Assembly Bill 52 Consultation, Red Eye Kite Indoor Cannabis Cultivation Project, City of Lompoc, Santa Barbara County, California

Dear Chairperson Quair:

The City of Lompoc (City) is preparing an Initial Study – Mitigated Negative Declaration for the proposed Red Eye Kite Indoor Cannabis Cultivation Project located at 1501 East Laurel Avenue in a portion of an existing industrial business park. The project will include the utilization and upgrades to half (approximately 2,000 square feet) of an existing one-story industrial/warehouse building for indoor cannabis cultivation. The proposed project is subject to the California Environmental Quality Act.

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City of LOMPOC

April 24, 2022

Barbareñno/Ventureñno Band of Mission Indians
Julie Tumamait-Stenslie, Chairperson
365 North Poli Ave
Ojai, California 93023

RE: Assembly Bill 52 Consultation, Red Eye Kite Indoor Cannabis Cultivation Project, City of Lompoc, Santa Barbara County, California

Dear Chairperson Tumamait-Stenslie:

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