

Willits GPA and Rezone - Multifamily Scenario - Mendocino-Inland County, Annual

**Willits GPA and Rezone - Multifamily Scenario**  
**Mendocino-Inland County, Annual**

**1.0 Project Characteristics**

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**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Apartments Low Rise	111.00	Dwelling Unit	5.68	111,000.00	274

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	86
<b>Climate Zone</b>	1			<b>Operational Year</b>	2023
<b>Utility Company</b>	Pacific Gas & Electric Company				
<b>CO2 Intensity (lb/MWhr)</b>	290	<b>CH4 Intensity (lb/MWhr)</b>	0.029	<b>N2O Intensity (lb/MWhr)</b>	0.006

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

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Project Characteristics - CO2 factor updated to reflect 2020 projections

Land Use - Lot acreage approximately 5.68  
unit amount based on 82 base + 29 affordable under state density bonus  
274 assumes 2.47 persons/household

Construction Phase - Demolition phase removed, no structures currently onsite.

On-road Fugitive Dust - percent paved roads all changed to 100. Area surrounding project site is all paved

Road Dust - Paved roads changed to 100% during operational

Energy Use -

Construction Off-road Equipment Mitigation - water exposed areas as required by MCAQMD Regulation 1, Rule 1-430

Vehicle Trips - H-W trip length changed to 8.5 based on F&P VMT Baseline Regional Study and online screening tool  
[https://devapps.fehrandpeers.com/MCOG\\_VMT\\_Screening/#](https://devapps.fehrandpeers.com/MCOG_VMT_Screening/#)

Woodstoves - # of wood fireplaces changed to 0 based on MCAQMD regulations prohibiting woodburning appliances

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Table Name	Column Name	Default Value	New Value
tblFireplaces	NumberWood	5.55	0.00
tblLandUse	LotAcreage	6.94	5.68
tblLandUse	Population	317.00	274.00
tblOnRoadDust	HaulingPercentPave	80.00	100.00
tblOnRoadDust	HaulingPercentPave	80.00	100.00
tblOnRoadDust	HaulingPercentPave	80.00	100.00
tblOnRoadDust	HaulingPercentPave	80.00	100.00
tblOnRoadDust	HaulingPercentPave	80.00	100.00
tblOnRoadDust	VendorPercentPave	80.00	100.00
tblOnRoadDust	VendorPercentPave	80.00	100.00
tblOnRoadDust	VendorPercentPave	80.00	100.00
tblOnRoadDust	VendorPercentPave	80.00	100.00
tblOnRoadDust	VendorPercentPave	80.00	100.00
tblOnRoadDust	WorkerPercentPave	80.00	100.00
tblOnRoadDust	WorkerPercentPave	80.00	100.00
tblOnRoadDust	WorkerPercentPave	80.00	100.00
tblOnRoadDust	WorkerPercentPave	80.00	100.00
tblOnRoadDust	WorkerPercentPave	80.00	100.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	290
tblRoadDust	RoadPercentPave	80	100
tblVehicleTrips	HW_TL	10.80	8.50

**2.0 Emissions Summary**

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Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-4-2021	4-3-2021	0.8591	0.8591
2	4-4-2021	7-3-2021	0.7114	0.7114
3	7-4-2021	10-3-2021	0.7195	0.7195
4	10-4-2021	1-3-2022	0.7167	0.7167
5	1-4-2022	4-3-2022	1.8661	1.8661
		Highest	1.8661	1.8661

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	1.3663	0.1236	7.4894	0.0218		1.0919	1.0919		1.0919	1.0919	145.5380	7.5660	153.1041	0.6818	1.1000e-004	170.1824
Energy	6.4600e-003	0.0552	0.0235	3.5000e-004		4.4700e-003	4.4700e-003		4.4700e-003	4.4700e-003	0.0000	133.4576	133.4576	8.1700e-003	2.6100e-003	134.4399
Mobile	0.3343	1.9121	3.6451	9.9400e-003	0.6893	9.1200e-003	0.6984	0.1854	8.5800e-003	0.1940	0.0000	914.5782	914.5782	0.0430	0.0000	915.6529
Waste						0.0000	0.0000		0.0000	0.0000	10.3647	0.0000	10.3647	0.6125	0.0000	25.6782
Water						0.0000	0.0000		0.0000	0.0000	2.2944	7.2467	9.5411	0.2364	5.7100e-003	17.1536
<b>Total</b>	<b>1.7070</b>	<b>2.0909</b>	<b>11.1580</b>	<b>0.0321</b>	<b>0.6893</b>	<b>1.1055</b>	<b>1.7948</b>	<b>0.1854</b>	<b>1.1050</b>	<b>1.2904</b>	<b>158.1972</b>	<b>1,062.8485</b>	<b>1,221.0457</b>	<b>1.5819</b>	<b>8.4300e-003</b>	<b>1,263.1069</b>

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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.3663	0.1236	7.4894	0.0218		1.0919	1.0919		1.0919	1.0919	145.5380	7.5660	153.1041	0.6818	1.1000e-004	170.1824
Energy	6.4600e-003	0.0552	0.0235	3.5000e-004		4.4700e-003	4.4700e-003		4.4700e-003	4.4700e-003	0.0000	133.4576	133.4576	8.1700e-003	2.6100e-003	134.4399
Mobile	0.3343	1.9121	3.6451	9.9400e-003	0.6893	9.1200e-003	0.6984	0.1854	8.5800e-003	0.1940	0.0000	914.5782	914.5782	0.0430	0.0000	915.6529
Waste						0.0000	0.0000		0.0000	0.0000	10.3647	0.0000	10.3647	0.6125	0.0000	25.6782
Water						0.0000	0.0000		0.0000	0.0000	2.2944	7.2467	9.5411	0.2364	5.7100e-003	17.1536
<b>Total</b>	<b>1.7070</b>	<b>2.0909</b>	<b>11.1580</b>	<b>0.0321</b>	<b>0.6893</b>	<b>1.1055</b>	<b>1.7948</b>	<b>0.1854</b>	<b>1.1050</b>	<b>1.2904</b>	<b>158.1972</b>	<b>1,062.8485</b>	<b>1,221.0457</b>	<b>1.5819</b>	<b>8.4300e-003</b>	<b>1,263.1069</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	1/4/2021	1/15/2021	5	10	
2	Grading	Grading	1/16/2021	2/12/2021	5	20	
3	Building Construction	Building Construction	2/13/2021	12/31/2021	5	230	
4	Paving	Paving	1/1/2022	1/28/2022	5	20	
5	Architectural Coating	Architectural Coating	1/29/2022	2/25/2022	5	20	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 10**

**Acres of Paving: 0**

**Residential Indoor: 224,775; Residential Outdoor: 74,925; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)**

**OffRoad Equipment**

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

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	80.00	12.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	16.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

**3.1 Mitigation Measures Construction**



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Water Exposed Area

**3.2 Site Preparation - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0194	0.2025	0.1058	1.9000e-004		0.0102	0.0102		9.4000e-003	9.4000e-003	0.0000	16.7179	16.7179	5.4100e-003	0.0000	16.8530
<b>Total</b>	<b>0.0194</b>	<b>0.2025</b>	<b>0.1058</b>	<b>1.9000e-004</b>	<b>0.0903</b>	<b>0.0102</b>	<b>0.1006</b>	<b>0.0497</b>	<b>9.4000e-003</b>	<b>0.0591</b>	<b>0.0000</b>	<b>16.7179</b>	<b>16.7179</b>	<b>5.4100e-003</b>	<b>0.0000</b>	<b>16.8530</b>

**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	7.1000e-004	5.9000e-004	5.0200e-003	1.0000e-005	7.0000e-004	1.0000e-005	7.1000e-004	1.9000e-004	1.0000e-005	1.9000e-004	0.0000	0.6193	0.6193	4.0000e-005	0.0000	0.6204
<b>Total</b>	<b>7.1000e-004</b>	<b>5.9000e-004</b>	<b>5.0200e-003</b>	<b>1.0000e-005</b>	<b>7.0000e-004</b>	<b>1.0000e-005</b>	<b>7.1000e-004</b>	<b>1.9000e-004</b>	<b>1.0000e-005</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>0.6193</b>	<b>0.6193</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.6204</b>

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**3.2 Site Preparation - 2021**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0407	0.0000	0.0407	0.0223	0.0000	0.0223	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0194	0.2025	0.1058	1.9000e-004		0.0102	0.0102		9.4000e-003	9.4000e-003	0.0000	16.7178	16.7178	5.4100e-003	0.0000	16.8530
<b>Total</b>	<b>0.0194</b>	<b>0.2025</b>	<b>0.1058</b>	<b>1.9000e-004</b>	<b>0.0407</b>	<b>0.0102</b>	<b>0.0509</b>	<b>0.0223</b>	<b>9.4000e-003</b>	<b>0.0317</b>	<b>0.0000</b>	<b>16.7178</b>	<b>16.7178</b>	<b>5.4100e-003</b>	<b>0.0000</b>	<b>16.8530</b>

**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	7.1000e-004	5.9000e-004	5.0200e-003	1.0000e-005	7.0000e-004	1.0000e-005	7.1000e-004	1.9000e-004	1.0000e-005	1.9000e-004	0.0000	0.6193	0.6193	4.0000e-005	0.0000	0.6204
<b>Total</b>	<b>7.1000e-004</b>	<b>5.9000e-004</b>	<b>5.0200e-003</b>	<b>1.0000e-005</b>	<b>7.0000e-004</b>	<b>1.0000e-005</b>	<b>7.1000e-004</b>	<b>1.9000e-004</b>	<b>1.0000e-005</b>	<b>1.9000e-004</b>	<b>0.0000</b>	<b>0.6193</b>	<b>0.6193</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.6204</b>

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**3.3 Grading - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0655	0.0000	0.0655	0.0337	0.0000	0.0337	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0229	0.2474	0.1586	3.0000e-004		0.0116	0.0116		0.0107	0.0107	0.0000	26.0537	26.0537	8.4300e-003	0.0000	26.2644
<b>Total</b>	<b>0.0229</b>	<b>0.2474</b>	<b>0.1586</b>	<b>3.0000e-004</b>	<b>0.0655</b>	<b>0.0116</b>	<b>0.0771</b>	<b>0.0337</b>	<b>0.0107</b>	<b>0.0443</b>	<b>0.0000</b>	<b>26.0537</b>	<b>26.0537</b>	<b>8.4300e-003</b>	<b>0.0000</b>	<b>26.2644</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1900e-003	9.9000e-004	8.3700e-003	1.0000e-005	1.1700e-003	1.0000e-005	1.1800e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	1.0322	1.0322	7.0000e-005	0.0000	1.0340
<b>Total</b>	<b>1.1900e-003</b>	<b>9.9000e-004</b>	<b>8.3700e-003</b>	<b>1.0000e-005</b>	<b>1.1700e-003</b>	<b>1.0000e-005</b>	<b>1.1800e-003</b>	<b>3.1000e-004</b>	<b>1.0000e-005</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>1.0322</b>	<b>1.0322</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>1.0340</b>

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**3.3 Grading - 2021**

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0295	0.0000	0.0295	0.0152	0.0000	0.0152	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0229	0.2474	0.1586	3.0000e-004		0.0116	0.0116		0.0107	0.0107	0.0000	26.0537	26.0537	8.4300e-003	0.0000	26.2643
<b>Total</b>	<b>0.0229</b>	<b>0.2474</b>	<b>0.1586</b>	<b>3.0000e-004</b>	<b>0.0295</b>	<b>0.0116</b>	<b>0.0411</b>	<b>0.0152</b>	<b>0.0107</b>	<b>0.0258</b>	<b>0.0000</b>	<b>26.0537</b>	<b>26.0537</b>	<b>8.4300e-003</b>	<b>0.0000</b>	<b>26.2643</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1900e-003	9.9000e-004	8.3700e-003	1.0000e-005	1.1700e-003	1.0000e-005	1.1800e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	1.0322	1.0322	7.0000e-005	0.0000	1.0340
<b>Total</b>	<b>1.1900e-003</b>	<b>9.9000e-004</b>	<b>8.3700e-003</b>	<b>1.0000e-005</b>	<b>1.1700e-003</b>	<b>1.0000e-005</b>	<b>1.1800e-003</b>	<b>3.1000e-004</b>	<b>1.0000e-005</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>1.0322</b>	<b>1.0322</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>1.0340</b>

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**3.4 Building Construction - 2021**

**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	0.2186	2.0047	1.9062	3.1000e-003		0.1102	0.1102		0.1037	0.1037	0.0000	266.3829	266.3829	0.0643	0.0000	267.9895
<b>Total</b>	<b>0.2186</b>	<b>2.0047</b>	<b>1.9062</b>	<b>3.1000e-003</b>		<b>0.1102</b>	<b>0.1102</b>		<b>0.1037</b>	<b>0.1037</b>	<b>0.0000</b>	<b>266.3829</b>	<b>266.3829</b>	<b>0.0643</b>	<b>0.0000</b>	<b>267.9895</b>

**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	7.1800e-003	0.1641	0.0518	3.9000e-004	8.9500e-003	7.0000e-004	9.6500e-003	2.5900e-003	6.7000e-004	3.2600e-003	0.0000	36.9980	36.9980	1.7500e-003	0.0000	37.0417
Worker	0.0730	0.0607	0.5135	7.1000e-004	0.0717	6.9000e-004	0.0724	0.0191	6.4000e-004	0.0197	0.0000	63.3084	63.3084	4.3400e-003	0.0000	63.4170
<b>Total</b>	<b>0.0801</b>	<b>0.2248</b>	<b>0.5653</b>	<b>1.1000e-003</b>	<b>0.0807</b>	<b>1.3900e-003</b>	<b>0.0821</b>	<b>0.0217</b>	<b>1.3100e-003</b>	<b>0.0230</b>	<b>0.0000</b>	<b>100.3064</b>	<b>100.3064</b>	<b>6.0900e-003</b>	<b>0.0000</b>	<b>100.4587</b>

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**3.4 Building Construction - 2021**

**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	0.2186	2.0047	1.9062	3.1000e-003		0.1102	0.1102		0.1037	0.1037	0.0000	266.3826	266.3826	0.0643	0.0000	267.9892
<b>Total</b>	<b>0.2186</b>	<b>2.0047</b>	<b>1.9062</b>	<b>3.1000e-003</b>		<b>0.1102</b>	<b>0.1102</b>		<b>0.1037</b>	<b>0.1037</b>	<b>0.0000</b>	<b>266.3826</b>	<b>266.3826</b>	<b>0.0643</b>	<b>0.0000</b>	<b>267.9892</b>

**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	7.1800e-003	0.1641	0.0518	3.9000e-004	8.9500e-003	7.0000e-004	9.6500e-003	2.5900e-003	6.7000e-004	3.2600e-003	0.0000	36.9980	36.9980	1.7500e-003	0.0000	37.0417
Worker	0.0730	0.0607	0.5135	7.1000e-004	0.0717	6.9000e-004	0.0724	0.0191	6.4000e-004	0.0197	0.0000	63.3084	63.3084	4.3400e-003	0.0000	63.4170
<b>Total</b>	<b>0.0801</b>	<b>0.2248</b>	<b>0.5653</b>	<b>1.1000e-003</b>	<b>0.0807</b>	<b>1.3900e-003</b>	<b>0.0821</b>	<b>0.0217</b>	<b>1.3100e-003</b>	<b>0.0230</b>	<b>0.0000</b>	<b>100.3064</b>	<b>100.3064</b>	<b>6.0900e-003</b>	<b>0.0000</b>	<b>100.4587</b>

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**3.5 Paving - 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	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0276	20.0276	6.4800e-003	0.0000	20.1895
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0110</b>	<b>0.1113</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>5.6800e-003</b>	<b>5.6800e-003</b>		<b>5.2200e-003</b>	<b>5.2200e-003</b>	<b>0.0000</b>	<b>20.0276</b>	<b>20.0276</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1895</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1300e-003	9.0000e-004	7.5300e-003	1.0000e-005	1.1700e-003	1.0000e-005	1.1800e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	1.0008	1.0008	6.0000e-005	0.0000	1.0024
<b>Total</b>	<b>1.1300e-003</b>	<b>9.0000e-004</b>	<b>7.5300e-003</b>	<b>1.0000e-005</b>	<b>1.1700e-003</b>	<b>1.0000e-005</b>	<b>1.1800e-003</b>	<b>3.1000e-004</b>	<b>1.0000e-005</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>1.0008</b>	<b>1.0008</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>1.0024</b>

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**3.5 Paving - 2022**

**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	0.1113	0.1458	2.3000e-004		5.6800e-003	5.6800e-003		5.2200e-003	5.2200e-003	0.0000	20.0275	20.0275	6.4800e-003	0.0000	20.1895
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0110</b>	<b>0.1113</b>	<b>0.1458</b>	<b>2.3000e-004</b>		<b>5.6800e-003</b>	<b>5.6800e-003</b>		<b>5.2200e-003</b>	<b>5.2200e-003</b>	<b>0.0000</b>	<b>20.0275</b>	<b>20.0275</b>	<b>6.4800e-003</b>	<b>0.0000</b>	<b>20.1895</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1300e-003	9.0000e-004	7.5300e-003	1.0000e-005	1.1700e-003	1.0000e-005	1.1800e-003	3.1000e-004	1.0000e-005	3.2000e-004	0.0000	1.0008	1.0008	6.0000e-005	0.0000	1.0024
<b>Total</b>	<b>1.1300e-003</b>	<b>9.0000e-004</b>	<b>7.5300e-003</b>	<b>1.0000e-005</b>	<b>1.1700e-003</b>	<b>1.0000e-005</b>	<b>1.1800e-003</b>	<b>3.1000e-004</b>	<b>1.0000e-005</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>1.0008</b>	<b>1.0008</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>1.0024</b>



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**3.6 Architectural Coating - 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					
Archit. Coating	1.7364					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0500e-003	0.0141	0.0181	3.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	2.5533	2.5533	1.7000e-004	0.0000	2.5574
<b>Total</b>	<b>1.7384</b>	<b>0.0141</b>	<b>0.0181</b>	<b>3.0000e-005</b>		<b>8.2000e-004</b>	<b>8.2000e-004</b>		<b>8.2000e-004</b>	<b>8.2000e-004</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>2.5574</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2100e-003	9.6000e-004	8.0300e-003	1.0000e-005	1.2500e-003	1.0000e-005	1.2600e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	1.0675	1.0675	7.0000e-005	0.0000	1.0692
<b>Total</b>	<b>1.2100e-003</b>	<b>9.6000e-004</b>	<b>8.0300e-003</b>	<b>1.0000e-005</b>	<b>1.2500e-003</b>	<b>1.0000e-005</b>	<b>1.2600e-003</b>	<b>3.3000e-004</b>	<b>1.0000e-005</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>1.0675</b>	<b>1.0675</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>1.0692</b>

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**3.6 Architectural Coating - 2022**

**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	1.7364					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.0500e-003	0.0141	0.0181	3.0000e-005		8.2000e-004	8.2000e-004		8.2000e-004	8.2000e-004	0.0000	2.5533	2.5533	1.7000e-004	0.0000	2.5574
<b>Total</b>	<b>1.7384</b>	<b>0.0141</b>	<b>0.0181</b>	<b>3.0000e-005</b>		<b>8.2000e-004</b>	<b>8.2000e-004</b>		<b>8.2000e-004</b>	<b>8.2000e-004</b>	<b>0.0000</b>	<b>2.5533</b>	<b>2.5533</b>	<b>1.7000e-004</b>	<b>0.0000</b>	<b>2.5574</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2100e-003	9.6000e-004	8.0300e-003	1.0000e-005	1.2500e-003	1.0000e-005	1.2600e-003	3.3000e-004	1.0000e-005	3.4000e-004	0.0000	1.0675	1.0675	7.0000e-005	0.0000	1.0692
<b>Total</b>	<b>1.2100e-003</b>	<b>9.6000e-004</b>	<b>8.0300e-003</b>	<b>1.0000e-005</b>	<b>1.2500e-003</b>	<b>1.0000e-005</b>	<b>1.2600e-003</b>	<b>3.3000e-004</b>	<b>1.0000e-005</b>	<b>3.4000e-004</b>	<b>0.0000</b>	<b>1.0675</b>	<b>1.0675</b>	<b>7.0000e-005</b>	<b>0.0000</b>	<b>1.0692</b>

**4.0 Operational Detail - Mobile**

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**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	0.3343	1.9121	3.6451	9.9400e-003	0.6893	9.1200e-003	0.6984	0.1854	8.5800e-003	0.1940	0.0000	914.5782	914.5782	0.0430	0.0000	915.6529
Unmitigated	0.3343	1.9121	3.6451	9.9400e-003	0.6893	9.1200e-003	0.6984	0.1854	8.5800e-003	0.1940	0.0000	914.5782	914.5782	0.0430	0.0000	915.6529

**4.2 Trip Summary Information**

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Low Rise	731.49	794.76	673.77	1,865,823	1,865,823
Total	731.49	794.76	673.77	1,865,823	1,865,823

**4.3 Trip Type Information**

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Low Rise	8.50	7.30	7.50	42.30	19.60	38.10	86	11	3

**4.4 Fleet Mix**

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Low Rise	0.497946	0.041736	0.196549	0.128845	0.034372	0.005581	0.016726	0.068189	0.001664	0.001271	0.005110	0.001091	0.000920

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**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	69.4876	69.4876	6.9500e-003	1.4400e-003	70.0897
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	69.4876	69.4876	6.9500e-003	1.4400e-003	70.0897
NaturalGas Mitigated	6.4600e-003	0.0552	0.0235	3.5000e-004		4.4700e-003	4.4700e-003		4.4700e-003	4.4700e-003	0.0000	63.9701	63.9701	1.2300e-003	1.1700e-003	64.3502
NaturalGas Unmitigated	6.4600e-003	0.0552	0.0235	3.5000e-004		4.4700e-003	4.4700e-003		4.4700e-003	4.4700e-003	0.0000	63.9701	63.9701	1.2300e-003	1.1700e-003	64.3502

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**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					
Apartments Low Rise	1.19875e+006	6.4600e-003	0.0552	0.0235	3.5000e-004		4.4700e-003	4.4700e-003		4.4700e-003	4.4700e-003	0.0000	63.9701	63.9701	1.2300e-003	1.1700e-003	64.3502
<b>Total</b>		<b>6.4600e-003</b>	<b>0.0552</b>	<b>0.0235</b>	<b>3.5000e-004</b>		<b>4.4700e-003</b>	<b>4.4700e-003</b>		<b>4.4700e-003</b>	<b>4.4700e-003</b>	<b>0.0000</b>	<b>63.9701</b>	<b>63.9701</b>	<b>1.2300e-003</b>	<b>1.1700e-003</b>	<b>64.3502</b>

**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					
Apartments Low Rise	1.19875e+006	6.4600e-003	0.0552	0.0235	3.5000e-004		4.4700e-003	4.4700e-003		4.4700e-003	4.4700e-003	0.0000	63.9701	63.9701	1.2300e-003	1.1700e-003	64.3502
<b>Total</b>		<b>6.4600e-003</b>	<b>0.0552</b>	<b>0.0235</b>	<b>3.5000e-004</b>		<b>4.4700e-003</b>	<b>4.4700e-003</b>		<b>4.4700e-003</b>	<b>4.4700e-003</b>	<b>0.0000</b>	<b>63.9701</b>	<b>63.9701</b>	<b>1.2300e-003</b>	<b>1.1700e-003</b>	<b>64.3502</b>

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**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	528255	69.4876	6.9500e-003	1.4400e-003	70.0897
<b>Total</b>		<b>69.4876</b>	<b>6.9500e-003</b>	<b>1.4400e-003</b>	<b>70.0897</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Low Rise	528255	69.4876	6.9500e-003	1.4400e-003	70.0897
<b>Total</b>		<b>69.4876</b>	<b>6.9500e-003</b>	<b>1.4400e-003</b>	<b>70.0897</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

Willits GPA and Rezone - Multifamily Scenario - Mendocino-Inland County, Annual

	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	1.3663	0.1236	7.4894	0.0218		1.0919	1.0919		1.0919	1.0919	145.5380	7.5660	153.1041	0.6818	1.1000e-004	170.1824
Unmitigated	1.3663	0.1236	7.4894	0.0218		1.0919	1.0919		1.0919	1.0919	145.5380	7.5660	153.1041	0.6818	1.1000e-004	170.1824

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	0.1736					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4335					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.7343	0.1141	6.6651	0.0218		1.0874	1.0874		1.0874	1.0874	145.5380	6.2197	151.7578	0.6805	1.1000e-004	168.8037
Landscaping	0.0248	9.5000e-003	0.8244	4.0000e-005		4.5600e-003	4.5600e-003		4.5600e-003	4.5600e-003	0.0000	1.3463	1.3463	1.2900e-003	0.0000	1.3787
<b>Total</b>	<b>1.3663</b>	<b>0.1236</b>	<b>7.4894</b>	<b>0.0218</b>		<b>1.0919</b>	<b>1.0919</b>		<b>1.0919</b>	<b>1.0919</b>	<b>145.5380</b>	<b>7.5660</b>	<b>153.1041</b>	<b>0.6818</b>	<b>1.1000e-004</b>	<b>170.1824</b>

Willits GPA and Rezone - Multifamily Scenario - Mendocino-Inland County, Annual

**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	0.1736					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.4335					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.7343	0.1141	6.6651	0.0218		1.0874	1.0874		1.0874	1.0874	145.5380	6.2197	151.7578	0.6805	1.1000e-004	168.8037
Landscaping	0.0248	9.5000e-003	0.8244	4.0000e-005		4.5600e-003	4.5600e-003		4.5600e-003	4.5600e-003	0.0000	1.3463	1.3463	1.2900e-003	0.0000	1.3787
<b>Total</b>	<b>1.3663</b>	<b>0.1236</b>	<b>7.4894</b>	<b>0.0218</b>		<b>1.0919</b>	<b>1.0919</b>		<b>1.0919</b>	<b>1.0919</b>	<b>145.5380</b>	<b>7.5660</b>	<b>153.1041</b>	<b>0.6818</b>	<b>1.1000e-004</b>	<b>170.1824</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**



Willits GPA and Rezone - Multifamily Scenario - Mendocino-Inland County, Annual

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	9.5411	0.2364	5.7100e-003	17.1536
Unmitigated	9.5411	0.2364	5.7100e-003	17.1536

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	7.2321 / 4.55937	9.5411	0.2364	5.7100e-003	17.1536
<b>Total</b>		<b>9.5411</b>	<b>0.2364</b>	<b>5.7100e-003</b>	<b>17.1536</b>

Willits GPA and Rezone - Multifamily Scenario - Mendocino-Inland County, Annual

**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Low Rise	7.2321 / 4.55937	9.5411	0.2364	5.7100e-003	17.1536
<b>Total</b>		<b>9.5411</b>	<b>0.2364</b>	<b>5.7100e-003</b>	<b>17.1536</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	10.3647	0.6125	0.0000	25.6782
Unmitigated	10.3647	0.6125	0.0000	25.6782

Willits GPA and Rezone - Multifamily Scenario - Mendocino-Inland County, Annual

**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	51.06	10.3647	0.6125	0.0000	25.6782
<b>Total</b>		<b>10.3647</b>	<b>0.6125</b>	<b>0.0000</b>	<b>25.6782</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Low Rise	51.06	10.3647	0.6125	0.0000	25.6782
<b>Total</b>		<b>10.3647</b>	<b>0.6125</b>	<b>0.0000</b>	<b>25.6782</b>

**9.0 Operational Offroad**

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Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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Willits GPA and Rezone - Multifamily Scenario - Mendocino-Inland County, Annual

**10.0 Stationary Equipment**

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**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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**11.0 Vegetation**

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