

72 Room Congregate 129-133 West Los Feliz - Los Angeles-South Coast County, Annual

**72 Room Congregate 129-133 West Los Feliz  
Los Angeles-South Coast County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Congregate Care (Assisted Living)	72.00	Dwelling Unit	0.41	57,350.00	206
Enclosed Parking with Elevator	29.15	1000sqft	0.00	29,145.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.2	<b>Precipitation Freq (Days)</b>	33
<b>Climate Zone</b>	12			<b>Operational Year</b>	2021
<b>Utility Company</b>	Glendale Water & Power				
<b>CO2 Intensity (lb/MW hr)</b>	1115.33	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

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

Project Characteristics - Lot: 17,654 SF; 57,350 SF Congregate Care Facility,

Land Use - 72 room, 5-story, 57,350 SF congregate care facility with a 29,145 SF, 2-level, 70 parking space, subterranean garage (Subterranean Level 1: 15,145 SF, and Subterranean Level 2: 14,000 SF)

Construction Phase - grading will occur over a period of 8 days.

Grading - 16,342.59 CY of grading (all export) to accomodate a 2-level suterranean garage

Demolition - Lot has been previous graded and is currently vacant.

Energy Use -

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Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	2.00	8.00
tblConstructionPhase	PhaseEndDate	11/17/2020	11/24/2020
tblConstructionPhase	PhaseEndDate	11/3/2020	11/10/2020
tblConstructionPhase	PhaseEndDate	6/16/2020	6/24/2020
tblConstructionPhase	PhaseEndDate	11/10/2020	11/17/2020
tblConstructionPhase	PhaseStartDate	11/11/2020	11/18/2020
tblConstructionPhase	PhaseStartDate	6/17/2020	6/24/2020
tblConstructionPhase	PhaseStartDate	11/4/2020	11/11/2020
tblGrading	MaterialExported	0.00	16,342.59
tblLandUse	LandUseSquareFeet	72,000.00	57,350.00
tblLandUse	LotAcreage	4.50	0.41
tblLandUse	LotAcreage	0.67	0.00

**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	5-29-2020	8-28-2020	0.6814	0.6814
2	8-29-2020	9-30-2020	0.1360	0.1360
		Highest	0.6814	0.6814

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	0.4859	0.0273	1.2022	1.2100e-003		0.0729	0.0729		0.0729	0.0729	7.6478	15.9100	23.5578	0.0240	5.2000e-004	24.3121
Energy	4.2600e-003	0.0364	0.0155	2.3000e-004		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003	0.0000	276.2379	276.2379	6.8900e-003	2.0300e-003	277.0159
Mobile	0.0633	0.3279	0.8802	3.0400e-003	0.2447	2.6000e-003	0.2473	0.0656	2.4300e-003	0.0680	0.0000	280.6863	280.6863	0.0150	0.0000	281.0609
Waste						0.0000	0.0000		0.0000	0.0000	13.3365	0.0000	13.3365	0.7882	0.0000	33.0406
Water						0.0000	0.0000		0.0000	0.0000	1.4883	47.5246	49.0128	0.1541	3.8600e-003	54.0170
<b>Total</b>	<b>0.5534</b>	<b>0.3916</b>	<b>2.0979</b>	<b>4.4800e-003</b>	<b>0.2447</b>	<b>0.0784</b>	<b>0.3230</b>	<b>0.0656</b>	<b>0.0782</b>	<b>0.1438</b>	<b>22.4726</b>	<b>620.3587</b>	<b>642.8313</b>	<b>0.9881</b>	<b>6.4100e-003</b>	<b>669.4465</b>

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**2.2 Overall Operational**

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.4859	0.0273	1.2022	1.2100e-003		0.0729	0.0729		0.0729	0.0729	7.6478	15.9100	23.5578	0.0240	5.2000e-004	24.3121
Energy	4.2600e-003	0.0364	0.0155	2.3000e-004		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003	0.0000	276.2379	276.2379	6.8900e-003	2.0300e-003	277.0159
Mobile	0.0633	0.3279	0.8802	3.0400e-003	0.2447	2.6000e-003	0.2473	0.0656	2.4300e-003	0.0680	0.0000	280.6863	280.6863	0.0150	0.0000	281.0609
Waste						0.0000	0.0000		0.0000	0.0000	13.3365	0.0000	13.3365	0.7882	0.0000	33.0406
Water						0.0000	0.0000		0.0000	0.0000	1.4883	47.5246	49.0128	0.1541	3.8600e-003	54.0170
<b>Total</b>	<b>0.5534</b>	<b>0.3916</b>	<b>2.0979</b>	<b>4.4800e-003</b>	<b>0.2447</b>	<b>0.0784</b>	<b>0.3230</b>	<b>0.0656</b>	<b>0.0782</b>	<b>0.1438</b>	<b>22.4726</b>	<b>620.3587</b>	<b>642.8313</b>	<b>0.9881</b>	<b>6.4100e-003</b>	<b>669.4465</b>

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

**3.0 Construction Detail**

**Construction Phase**

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Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	5/29/2020	6/11/2020	5	10	
2	Site Preparation	Site Preparation	6/12/2020	6/12/2020	5	1	
3	Grading	Grading	6/13/2020	6/24/2020	5	8	
4	Building Construction	Building Construction	6/24/2020	11/10/2020	5	100	
5	Paving	Paving	11/11/2020	11/17/2020	5	5	
6	Architectural Coating	Architectural Coating	11/18/2020	11/24/2020	5	5	

Acres of Grading (Site Preparation Phase): 0.5

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 116,134; Residential Outdoor: 38,711; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 1,749 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	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
Site Preparation	Graders	1	8.00	187	0.41
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Demolition	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Demolition	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	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	4	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	2	5.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	2,043.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	64.00	12.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

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**3.1 Mitigation Measures Construction**

**3.2 Demolition - 2020**

**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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3400e-003	0.0394	0.0381	6.0000e-005		2.3400e-003	2.3400e-003		2.2300e-003	2.2300e-003	0.0000	5.2038	5.2038	9.8000e-004	0.0000	5.2284
<b>Total</b>	<b>4.3400e-003</b>	<b>0.0394</b>	<b>0.0381</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>2.3400e-003</b>	<b>2.3400e-003</b>	<b>0.0000</b>	<b>2.2300e-003</b>	<b>2.2300e-003</b>	<b>0.0000</b>	<b>5.2038</b>	<b>5.2038</b>	<b>9.8000e-004</b>	<b>0.0000</b>	<b>5.2284</b>

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**3.2 Demolition - 2020**

**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	2.3000e-004	1.9000e-004	2.0600e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.5107	0.5107	2.0000e-005	0.0000	0.5111
<b>Total</b>	<b>2.3000e-004</b>	<b>1.9000e-004</b>	<b>2.0600e-003</b>	<b>1.0000e-005</b>	<b>5.5000e-004</b>	<b>0.0000</b>	<b>5.5000e-004</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>0.5107</b>	<b>0.5107</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.5111</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3400e-003	0.0394	0.0381	6.0000e-005		2.3400e-003	2.3400e-003		2.2300e-003	2.2300e-003	0.0000	5.2038	5.2038	9.8000e-004	0.0000	5.2284
<b>Total</b>	<b>4.3400e-003</b>	<b>0.0394</b>	<b>0.0381</b>	<b>6.0000e-005</b>	<b>0.0000</b>	<b>2.3400e-003</b>	<b>2.3400e-003</b>	<b>0.0000</b>	<b>2.2300e-003</b>	<b>2.2300e-003</b>	<b>0.0000</b>	<b>5.2038</b>	<b>5.2038</b>	<b>9.8000e-004</b>	<b>0.0000</b>	<b>5.2284</b>

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**3.2 Demolition - 2020**

**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	2.3000e-004	1.9000e-004	2.0600e-003	1.0000e-005	5.5000e-004	0.0000	5.5000e-004	1.5000e-004	0.0000	1.5000e-004	0.0000	0.5107	0.5107	2.0000e-005	0.0000	0.5111
<b>Total</b>	<b>2.3000e-004</b>	<b>1.9000e-004</b>	<b>2.0600e-003</b>	<b>1.0000e-005</b>	<b>5.5000e-004</b>	<b>0.0000</b>	<b>5.5000e-004</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>1.5000e-004</b>	<b>0.0000</b>	<b>0.5107</b>	<b>0.5107</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>0.5111</b>

**3.3 Site Preparation - 2020**

**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					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4000e-004	4.2200e-003	2.0500e-003	0.0000		1.7000e-004	1.7000e-004		1.5000e-004	1.5000e-004	0.0000	0.4280	0.4280	1.4000e-004	0.0000	0.4314
<b>Total</b>	<b>3.4000e-004</b>	<b>4.2200e-003</b>	<b>2.0500e-003</b>	<b>0.0000</b>	<b>2.7000e-004</b>	<b>1.7000e-004</b>	<b>4.4000e-004</b>	<b>3.0000e-005</b>	<b>1.5000e-004</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>0.4280</b>	<b>0.4280</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>0.4314</b>

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**3.3 Site Preparation - 2020**

**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	1.0000e-005	1.0000e-005	1.0000e-004	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0255	0.0255	0.0000	0.0000	0.0256
<b>Total</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0255</b>	<b>0.0255</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0256</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.7000e-004	0.0000	2.7000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4000e-004	4.2200e-003	2.0500e-003	0.0000		1.7000e-004	1.7000e-004		1.5000e-004	1.5000e-004	0.0000	0.4280	0.4280	1.4000e-004	0.0000	0.4314
<b>Total</b>	<b>3.4000e-004</b>	<b>4.2200e-003</b>	<b>2.0500e-003</b>	<b>0.0000</b>	<b>2.7000e-004</b>	<b>1.7000e-004</b>	<b>4.4000e-004</b>	<b>3.0000e-005</b>	<b>1.5000e-004</b>	<b>1.8000e-004</b>	<b>0.0000</b>	<b>0.4280</b>	<b>0.4280</b>	<b>1.4000e-004</b>	<b>0.0000</b>	<b>0.4314</b>

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**3.3 Site Preparation - 2020**

**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	1.0000e-005	1.0000e-005	1.0000e-004	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0255	0.0255	0.0000	0.0000	0.0256
<b>Total</b>	<b>1.0000e-005</b>	<b>1.0000e-005</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.0255</b>	<b>0.0255</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0256</b>

**3.4 Grading - 2020**

**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					3.9400e-003	0.0000	3.9400e-003	1.8000e-003	0.0000	1.8000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4700e-003	0.0315	0.0305	5.0000e-005		1.8700e-003	1.8700e-003		1.7800e-003	1.7800e-003	0.0000	4.1630	4.1630	7.9000e-004	0.0000	4.1827
<b>Total</b>	<b>3.4700e-003</b>	<b>0.0315</b>	<b>0.0305</b>	<b>5.0000e-005</b>	<b>3.9400e-003</b>	<b>1.8700e-003</b>	<b>5.8100e-003</b>	<b>1.8000e-003</b>	<b>1.7800e-003</b>	<b>3.5800e-003</b>	<b>0.0000</b>	<b>4.1630</b>	<b>4.1630</b>	<b>7.9000e-004</b>	<b>0.0000</b>	<b>4.1827</b>

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**3.4 Grading - 2020**

**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	9.0200e-003	0.3034	0.0669	8.0000e-004	0.0176	9.4000e-004	0.0185	4.8200e-003	9.0000e-004	5.7200e-003	0.0000	78.7354	78.7354	5.4800e-003	0.0000	78.8725
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	1.8000e-004	1.5000e-004	1.6500e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.4085	0.4085	1.0000e-005	0.0000	0.4089
<b>Total</b>	<b>9.2000e-003</b>	<b>0.3035</b>	<b>0.0685</b>	<b>8.0000e-004</b>	<b>0.0180</b>	<b>9.4000e-004</b>	<b>0.0189</b>	<b>4.9400e-003</b>	<b>9.0000e-004</b>	<b>5.8400e-003</b>	<b>0.0000</b>	<b>79.1439</b>	<b>79.1439</b>	<b>5.4900e-003</b>	<b>0.0000</b>	<b>79.2814</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.9400e-003	0.0000	3.9400e-003	1.8000e-003	0.0000	1.8000e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4700e-003	0.0315	0.0305	5.0000e-005		1.8700e-003	1.8700e-003		1.7800e-003	1.7800e-003	0.0000	4.1630	4.1630	7.9000e-004	0.0000	4.1827
<b>Total</b>	<b>3.4700e-003</b>	<b>0.0315</b>	<b>0.0305</b>	<b>5.0000e-005</b>	<b>3.9400e-003</b>	<b>1.8700e-003</b>	<b>5.8100e-003</b>	<b>1.8000e-003</b>	<b>1.7800e-003</b>	<b>3.5800e-003</b>	<b>0.0000</b>	<b>4.1630</b>	<b>4.1630</b>	<b>7.9000e-004</b>	<b>0.0000</b>	<b>4.1827</b>

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**3.4 Grading - 2020**

**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	9.0200e-003	0.3034	0.0669	8.0000e-004	0.0176	9.4000e-004	0.0185	4.8200e-003	9.0000e-004	5.7200e-003	0.0000	78.7354	78.7354	5.4800e-003	0.0000	78.8725
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	1.8000e-004	1.5000e-004	1.6500e-003	0.0000	4.4000e-004	0.0000	4.4000e-004	1.2000e-004	0.0000	1.2000e-004	0.0000	0.4085	0.4085	1.0000e-005	0.0000	0.4089
<b>Total</b>	<b>9.2000e-003</b>	<b>0.3035</b>	<b>0.0685</b>	<b>8.0000e-004</b>	<b>0.0180</b>	<b>9.4000e-004</b>	<b>0.0189</b>	<b>4.9400e-003</b>	<b>9.0000e-004</b>	<b>5.8400e-003</b>	<b>0.0000</b>	<b>79.1439</b>	<b>79.1439</b>	<b>5.4900e-003</b>	<b>0.0000</b>	<b>79.2814</b>

**3.5 Building Construction - 2020**

**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	0.0431	0.4426	0.3694	5.7000e-004		0.0261	0.0261		0.0240	0.0240	0.0000	50.0302	50.0302	0.0162	0.0000	50.4348
<b>Total</b>	<b>0.0431</b>	<b>0.4426</b>	<b>0.3694</b>	<b>5.7000e-004</b>		<b>0.0261</b>	<b>0.0261</b>		<b>0.0240</b>	<b>0.0240</b>	<b>0.0000</b>	<b>50.0302</b>	<b>50.0302</b>	<b>0.0162</b>	<b>0.0000</b>	<b>50.4348</b>

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**3.5 Building Construction - 2020**

**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	2.1800e-003	0.0650	0.0176	1.5000e-004	3.7800e-003	3.0000e-004	4.0800e-003	1.0900e-003	2.9000e-004	1.3800e-003	0.0000	14.9056	14.9056	9.5000e-004	0.0000	14.9293
Worker	0.0148	0.0119	0.1317	3.6000e-004	0.0351	3.0000e-004	0.0354	9.3100e-003	2.8000e-004	9.5900e-003	0.0000	32.6832	32.6832	1.0300e-003	0.0000	32.7090
<b>Total</b>	<b>0.0170</b>	<b>0.0769</b>	<b>0.1493</b>	<b>5.1000e-004</b>	<b>0.0389</b>	<b>6.0000e-004</b>	<b>0.0394</b>	<b>0.0104</b>	<b>5.7000e-004</b>	<b>0.0110</b>	<b>0.0000</b>	<b>47.5888</b>	<b>47.5888</b>	<b>1.9800e-003</b>	<b>0.0000</b>	<b>47.6382</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0431	0.4426	0.3694	5.7000e-004		0.0261	0.0261		0.0240	0.0240	0.0000	50.0302	50.0302	0.0162	0.0000	50.4347
<b>Total</b>	<b>0.0431</b>	<b>0.4426</b>	<b>0.3694</b>	<b>5.7000e-004</b>		<b>0.0261</b>	<b>0.0261</b>		<b>0.0240</b>	<b>0.0240</b>	<b>0.0000</b>	<b>50.0302</b>	<b>50.0302</b>	<b>0.0162</b>	<b>0.0000</b>	<b>50.4347</b>

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**3.5 Building Construction - 2020**

**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	2.1800e-003	0.0650	0.0176	1.5000e-004	3.7800e-003	3.0000e-004	4.0800e-003	1.0900e-003	2.9000e-004	1.3800e-003	0.0000	14.9056	14.9056	9.5000e-004	0.0000	14.9293
Worker	0.0148	0.0119	0.1317	3.6000e-004	0.0351	3.0000e-004	0.0354	9.3100e-003	2.8000e-004	9.5900e-003	0.0000	32.6832	32.6832	1.0300e-003	0.0000	32.7090
<b>Total</b>	<b>0.0170</b>	<b>0.0769</b>	<b>0.1493</b>	<b>5.1000e-004</b>	<b>0.0389</b>	<b>6.0000e-004</b>	<b>0.0394</b>	<b>0.0104</b>	<b>5.7000e-004</b>	<b>0.0110</b>	<b>0.0000</b>	<b>47.5888</b>	<b>47.5888</b>	<b>1.9800e-003</b>	<b>0.0000</b>	<b>47.6382</b>

**3.6 Paving - 2020**

**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	1.9300e-003	0.0181	0.0178	3.0000e-005		9.9000e-004	9.9000e-004		9.2000e-004	9.2000e-004	0.0000	2.3482	2.3482	6.8000e-004	0.0000	2.3653
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>1.9300e-003</b>	<b>0.0181</b>	<b>0.0178</b>	<b>3.0000e-005</b>		<b>9.9000e-004</b>	<b>9.9000e-004</b>		<b>9.2000e-004</b>	<b>9.2000e-004</b>	<b>0.0000</b>	<b>2.3482</b>	<b>2.3482</b>	<b>6.8000e-004</b>	<b>0.0000</b>	<b>2.3653</b>

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**3.6 Paving - 2020**

**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	2.1000e-004	1.7000e-004	1.8500e-003	1.0000e-005	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4596	0.4596	1.0000e-005	0.0000	0.4600
<b>Total</b>	<b>2.1000e-004</b>	<b>1.7000e-004</b>	<b>1.8500e-003</b>	<b>1.0000e-005</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>5.0000e-004</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>0.4596</b>	<b>0.4596</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.4600</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.9300e-003	0.0181	0.0178	3.0000e-005		9.9000e-004	9.9000e-004		9.2000e-004	9.2000e-004	0.0000	2.3482	2.3482	6.8000e-004	0.0000	2.3653
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>1.9300e-003</b>	<b>0.0181</b>	<b>0.0178</b>	<b>3.0000e-005</b>		<b>9.9000e-004</b>	<b>9.9000e-004</b>		<b>9.2000e-004</b>	<b>9.2000e-004</b>	<b>0.0000</b>	<b>2.3482</b>	<b>2.3482</b>	<b>6.8000e-004</b>	<b>0.0000</b>	<b>2.3653</b>

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**3.6 Paving - 2020**

**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	2.1000e-004	1.7000e-004	1.8500e-003	1.0000e-005	4.9000e-004	0.0000	5.0000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.4596	0.4596	1.0000e-005	0.0000	0.4600
<b>Total</b>	<b>2.1000e-004</b>	<b>1.7000e-004</b>	<b>1.8500e-003</b>	<b>1.0000e-005</b>	<b>4.9000e-004</b>	<b>0.0000</b>	<b>5.0000e-004</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>1.3000e-004</b>	<b>0.0000</b>	<b>0.4596</b>	<b>0.4596</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.4600</b>

**3.7 Architectural Coating - 2020**

**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	0.1835					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.1000e-004	4.2100e-003	4.5800e-003	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	0.6383	0.6383	5.0000e-005	0.0000	0.6396
<b>Total</b>	<b>0.1841</b>	<b>4.2100e-003</b>	<b>4.5800e-003</b>	<b>1.0000e-005</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>0.6383</b>	<b>0.6383</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.6396</b>

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**3.7 Architectural Coating - 2020**

**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	1.5000e-004	1.2000e-004	1.3400e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3319	0.3319	1.0000e-005	0.0000	0.3322
<b>Total</b>	<b>1.5000e-004</b>	<b>1.2000e-004</b>	<b>1.3400e-003</b>	<b>0.0000</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>3.6000e-004</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.3319</b>	<b>0.3319</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3322</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.1835					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.1000e-004	4.2100e-003	4.5800e-003	1.0000e-005		2.8000e-004	2.8000e-004		2.8000e-004	2.8000e-004	0.0000	0.6383	0.6383	5.0000e-005	0.0000	0.6396
<b>Total</b>	<b>0.1841</b>	<b>4.2100e-003</b>	<b>4.5800e-003</b>	<b>1.0000e-005</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>		<b>2.8000e-004</b>	<b>2.8000e-004</b>	<b>0.0000</b>	<b>0.6383</b>	<b>0.6383</b>	<b>5.0000e-005</b>	<b>0.0000</b>	<b>0.6396</b>

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**3.7 Architectural Coating - 2020**

**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	1.5000e-004	1.2000e-004	1.3400e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.3319	0.3319	1.0000e-005	0.0000	0.3322
<b>Total</b>	<b>1.5000e-004</b>	<b>1.2000e-004</b>	<b>1.3400e-003</b>	<b>0.0000</b>	<b>3.6000e-004</b>	<b>0.0000</b>	<b>3.6000e-004</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>1.0000e-004</b>	<b>0.0000</b>	<b>0.3319</b>	<b>0.3319</b>	<b>1.0000e-005</b>	<b>0.0000</b>	<b>0.3322</b>

**4.0 Operational Detail - Mobile**

**4.1 Mitigation Measures Mobile**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0633	0.3279	0.8802	3.0400e-003	0.2447	2.6000e-003	0.2473	0.0656	2.4300e-003	0.0680	0.0000	280.6863	280.6863	0.0150	0.0000	281.0609
Unmitigated	0.0633	0.3279	0.8802	3.0400e-003	0.2447	2.6000e-003	0.2473	0.0656	2.4300e-003	0.0680	0.0000	280.6863	280.6863	0.0150	0.0000	281.0609

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Congregate Care (Assisted Living)	197.28	158.40	175.68	644,612	644,612
Enclosed Parking with Elevator	0.00	0.00	0.00		
<b>Total</b>	<b>197.28</b>	<b>158.40</b>	<b>175.68</b>	<b>644,612</b>	<b>644,612</b>

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Congregate Care (Assisted Living)	14.70	5.90	8.70	40.20	19.20	40.60	86	11	3
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Congregate Care (Assisted Living)	0.547192	0.045177	0.202743	0.121510	0.016147	0.006143	0.019743	0.029945	0.002479	0.002270	0.005078	0.000682	0.000891
Enclosed Parking with Elevator	0.547192	0.045177	0.202743	0.121510	0.016147	0.006143	0.019743	0.029945	0.002479	0.002270	0.005078	0.000682	0.000891

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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	234.0576	234.0576	6.0900e-003	1.2600e-003	234.5849
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	234.0576	234.0576	6.0900e-003	1.2600e-003	234.5849
Natural Gas Mitigated	4.2600e-003	0.0364	0.0155	2.3000e-004		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003	0.0000	42.1803	42.1803	8.1000e-004	7.7000e-004	42.4310
Natural Gas Unmitigated	4.2600e-003	0.0364	0.0155	2.3000e-004		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003	0.0000	42.1803	42.1803	8.1000e-004	7.7000e-004	42.4310

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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					
Congregate Care (Assisted Living)	790429	4.2600e-003	0.0364	0.0155	2.3000e-004		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003	0.0000	42.1803	42.1803	8.1000e-004	7.7000e-004	42.4310
Enclosed Parking with Elevator	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
<b>Total</b>		<b>4.2600e-003</b>	<b>0.0364</b>	<b>0.0155</b>	<b>2.3000e-004</b>		<b>2.9400e-003</b>	<b>2.9400e-003</b>		<b>2.9400e-003</b>	<b>2.9400e-003</b>	<b>0.0000</b>	<b>42.1803</b>	<b>42.1803</b>	<b>8.1000e-004</b>	<b>7.7000e-004</b>	<b>42.4310</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					
Congregate Care (Assisted Living)	790429	4.2600e-003	0.0364	0.0155	2.3000e-004		2.9400e-003	2.9400e-003		2.9400e-003	2.9400e-003	0.0000	42.1803	42.1803	8.1000e-004	7.7000e-004	42.4310
Enclosed Parking with Elevator	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
<b>Total</b>		<b>4.2600e-003</b>	<b>0.0364</b>	<b>0.0155</b>	<b>2.3000e-004</b>		<b>2.9400e-003</b>	<b>2.9400e-003</b>		<b>2.9400e-003</b>	<b>2.9400e-003</b>	<b>0.0000</b>	<b>42.1803</b>	<b>42.1803</b>	<b>8.1000e-004</b>	<b>7.7000e-004</b>	<b>42.4310</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			
Congregate Care (Assisted Living)	291861	147.6542	3.8400e-003	7.9000e-004	147.9869
Enclosed Parking with Elevator	170790	86.4034	2.2500e-003	4.6000e-004	86.5981
<b>Total</b>		<b>234.0576</b>	<b>6.0900e-003</b>	<b>1.2500e-003</b>	<b>234.5849</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Congregate Care (Assisted Living)	291861	147.6542	3.8400e-003	7.9000e-004	147.9869
Enclosed Parking with Elevator	170790	86.4034	2.2500e-003	4.6000e-004	86.5981
<b>Total</b>		<b>234.0576</b>	<b>6.0900e-003</b>	<b>1.2500e-003</b>	<b>234.5849</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.4859	0.0273	1.2022	1.2100e-003		0.0729	0.0729		0.0729	0.0729	7.6478	15.9100	23.5578	0.0240	5.2000e-004	24.3121
Unmitigated	0.4859	0.0273	1.2022	1.2100e-003		0.0729	0.0729		0.0729	0.0729	7.6478	15.9100	23.5578	0.0240	5.2000e-004	24.3121

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	0.0184					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2091					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.2358	0.0187	0.4577	1.1700e-003		0.0688	0.0688		0.0688	0.0688	7.6478	14.6964	22.3442	0.0228	5.2000e-004	23.0690
Landscaping	0.0226	8.5900e-003	0.7445	4.0000e-005		4.1000e-003	4.1000e-003		4.1000e-003	4.1000e-003	0.0000	1.2136	1.2136	1.1800e-003	0.0000	1.2430
<b>Total</b>	<b>0.4859</b>	<b>0.0273</b>	<b>1.2022</b>	<b>1.2100e-003</b>		<b>0.0729</b>	<b>0.0729</b>		<b>0.0729</b>	<b>0.0729</b>	<b>7.6478</b>	<b>15.9100</b>	<b>23.5578</b>	<b>0.0240</b>	<b>5.2000e-004</b>	<b>24.3121</b>

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**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	0.0184					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2091					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.2358	0.0187	0.4577	1.1700e-003		0.0688	0.0688		0.0688	0.0688	7.6478	14.6964	22.3442	0.0228	5.2000e-004	23.0690	
Landscaping	0.0226	8.5900e-003	0.7445	4.0000e-005		4.1000e-003	4.1000e-003		4.1000e-003	4.1000e-003	0.0000	1.2136	1.2136	1.1800e-003	0.0000	1.2430	
<b>Total</b>	<b>0.4859</b>	<b>0.0273</b>	<b>1.2022</b>	<b>1.2100e-003</b>		<b>0.0729</b>	<b>0.0729</b>		<b>0.0729</b>	<b>0.0729</b>	<b>7.6478</b>	<b>15.9100</b>	<b>23.5578</b>	<b>0.0240</b>	<b>5.2000e-004</b>	<b>24.3121</b>	

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	49.0128	0.1541	3.8600e-003	54.0170
Unmitigated	49.0128	0.1541	3.8600e-003	54.0170

**7.2 Water by Land Use**

**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Congregate Care (Assisted Living)	4.69109 / 2.95743	49.0128	0.1541	3.8600e-003	54.0170
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>49.0128</b>	<b>0.1541</b>	<b>3.8600e-003</b>	<b>54.0170</b>

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**7.2 Water by Land Use**

**Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Congregate Care (Assisted Living)	4.69109 / 2.95743	49.0128	0.1541	3.8600e-003	54.0170
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>49.0128</b>	<b>0.1541</b>	<b>3.8600e-003</b>	<b>54.0170</b>

**8.0 Waste Detail**

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**8.1 Mitigation Measures Waste**

**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	13.3365	0.7882	0.0000	33.0406
Unmitigated	13.3365	0.7882	0.0000	33.0406

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**8.2 Waste by Land Use**

**Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Congregate Care (Assisted Living)	65.7	13.3365	0.7882	0.0000	33.0406
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>13.3365</b>	<b>0.7882</b>	<b>0.0000</b>	<b>33.0406</b>

**Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Congregate Care (Assisted Living)	65.7	13.3365	0.7882	0.0000	33.0406
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>13.3365</b>	<b>0.7882</b>	<b>0.0000</b>	<b>33.0406</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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**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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