

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summary Report

Schwan Self Storage Project
Santa Barbara-South of Santa Ynez Range, Summary Report

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	151.72	1000sqft	0.88	151,720.00	0
Parking Lot	26.00	Space	0.23	10,400.00	0
Other Asphalt Surfaces	0.95	Acre	0.95	41,382.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	37
Climate Zone	8			Operational Year	2019
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments

Only CalEEMod defaults were used.

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Project Characteristics -

Land Use - Based on project design features, MND, and proposed changes.

Construction Phase - Based on schedule provided.

Off-road Equipment - CalEEMod default.

Off-road Equipment - Based on applicant provided data.

Off-road Equipment - Based on applicant provided data.

Off-road Equipment - Based on applicant provided data.

Grading - Based on applicant provided data.

Trips and VMT - Based on applicant provided data.

On-road Fugitive Dust - CalEEMod defaults.

Architectural Coating - In accordance with SBCAPCD Rule 323.1.

Vehicle Trips - CalEEMod defaults.

Vehicle Emission Factors - CalEEMod defaults.

Vehicle Emission Factors - CalEEMod defaults.

Vehicle Emission Factors - CalEEMod defaults.

Road Dust - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - In accordance with SBCAPCD Rule 323.1.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - Based on 2011 MND water use.

Solid Waste - CalEEMod defaults.

Area Mitigation -

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2.0 Peak Daily Emissions

Peak Daily Construction Emissions

Peak Daily Construction Emissions

Year	Phase	Unmitigated						Mitigated					
		ROG	NOX	CO	SO2	PM10	PM2.5	ROG	NOX	CO	SO2	PM10	PM2.5
		lb/day											
2017	Grading	2.5917 W	34.9809 W	13.0637 W	0.0442 S	6.7208 W	3.8096 W	2.5917 W	34.9809 W	13.0637 W	0.0442 S	6.7208 W	3.8096 W
2017	Paving	1.7089 W	13.3156 W	10.5695 W	0.0165 S	0.8863 S	0.7445 S	1.7089 W	13.3156 W	10.5695 W	0.0165 S	0.8863 S	0.7445 S
2017	Building Construction	3.8730 W	28.8939 W	21.8737 W	0.0439 S	2.3005 W	1.6060 W	3.8730 W	28.8939 W	21.8737 W	0.0439 S	2.3005 W	1.6060 W
2018	Building Construction	3.3779 W	26.4551 W	20.6029 W	0.0437 S	2.0914 W	1.4064 W	3.3779 W	26.4551 W	20.6029 W	0.0437 S	2.0914 W	1.4064 W
2018	Architectural Coating	31.1754 W	2.0634 W	2.3562 W	3.9400e-003 S	0.2523 S	0.1780 S	31.1754 W	2.0634 W	2.3562 W	3.9400e-003 S	0.2523 S	0.1780 S
	Peak Daily Total	31.1754 W	34.9809 W	21.8737 W	0.0442 S	6.7208 W	3.8096 W	31.1754 W	34.9809 W	21.8737 W	0.0442 S	6.7208 W	3.8096 W
	Air District Threshold												
	Exceed Significance?												

Peak Daily Operational Emissions

Peak Daily Operational Emissions

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1.0 Project Characteristics

1.1 Land Usage

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Parking Lot	26.00	Space	0.23	10,400.00	0
Other Asphalt Surfaces	0.95	Acre	0.95	41,382.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	37
Climate Zone	8			Operational Year	2019
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

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Project Characteristics -

Land Use - Based on project design features, MND, and proposed changes.

Construction Phase - Based on schedule provided.

Off-road Equipment - CalEEMod default.

Off-road Equipment - Based on applicant provided data.

Off-road Equipment - Based on applicant provided data.

Off-road Equipment - Based on applicant provided data.

Grading - Based on applicant provided data.

Trips and VMT - Based on applicant provided data.

On-road Fugitive Dust - CalEEMod defaults.

Architectural Coating - In accordance with SBCAPCD Rule 323.1.

Vehicle Trips - CalEEMod defaults.

Vehicle Emission Factors - CalEEMod defaults.

Vehicle Emission Factors - CalEEMod defaults.

Vehicle Emission Factors - CalEEMod defaults.

Road Dust - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - In accordance with SBCAPCD Rule 323.1.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - Based on 2011 MND water use.

Solid Waste - CalEEMod defaults.

Area Mitigation -

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Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	100
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	10.00	29.00
tblConstructionPhase	NumDays	220.00	213.00
tblConstructionPhase	NumDays	6.00	54.00
tblConstructionPhase	NumDays	10.00	11.00
tblConstructionPhase	PhaseEndDate	10/15/2017	11/14/2018
tblConstructionPhase	PhaseEndDate	10/15/2017	10/22/2018
tblConstructionPhase	PhaseEndDate	10/15/2017	12/28/2017
tblConstructionPhase	PhaseEndDate	10/15/2017	12/28/2017
tblConstructionPhase	PhaseStartDate	10/16/2017	10/5/2018
tblConstructionPhase	PhaseStartDate	10/16/2017	12/28/2017
tblConstructionPhase	PhaseStartDate	10/16/2017	12/14/2017
tblGrading	MaterialExported	0.00	11,400.00
tblLandUse	LotAcreage	3.48	0.88
tblOffRoadEquipment	HorsePower	402.00	200.00
tblOffRoadEquipment	OffRoadEquipmentType		Cement and Mortar Mixers
tblOffRoadEquipment	OffRoadEquipmentType		Off-Highway Trucks
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	OperationalYear	2018	2019
tblTripsAndVMT	HaulingTripNumber	1,425.00	1,520.00
tblTripsAndVMT	VendorTripNumber	33.00	68.00
tblTripsAndVMT	WorkerTripNumber	17.00	16.00
tblTripsAndVMT	WorkerTripNumber	85.00	76.00
tblWater	IndoorWaterUseRate	35,085,250.00	3,460,542.00

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	10-16-2017	1-15-2018	1.1854	1.1854
2	1-16-2018	4-15-2018	0.6052	0.6052
3	4-16-2018	7-15-2018	0.6096	0.6096
4	7-16-2018	9-30-2018	0.5158	0.5158
		Highest	1.1854	1.1854

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	0.6407	2.0000e-005	1.6600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.1900e-003	3.1900e-003	1.0000e-005	0.0000	3.4100e-003
Energy	3.2300e-003	0.0294	0.0247	1.8000e-004		2.2300e-003	2.2300e-003		2.2300e-003	2.2300e-003	0.0000	239.8635	239.8635	9.2000e-003	2.3600e-003	240.7973
Mobile	0.1039	0.3931	1.1526	2.5100e-003	0.2143	3.5700e-003	0.2179	0.0576	3.3700e-003	0.0610	0.0000	230.1783	230.1783	0.0126	0.0000	230.4929
Waste						0.0000	0.0000		0.0000	0.0000	29.6170	0.0000	29.6170	1.4686	0.0000	66.3322
Water						0.0000	0.0000		0.0000	0.0000	1.2244	5.9662	7.1905	4.4600e-003	2.7100e-003	8.1107
Total	0.7478	0.4225	1.1790	2.6900e-003	0.2143	5.8100e-003	0.2201	0.0576	5.6100e-003	0.0632	30.8413	476.0112	506.8525	1.4949	5.0700e-003	545.7364

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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	0.6407	2.0000e-005	1.6600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.1900e-003	3.1900e-003	1.0000e-005	0.0000	3.4100e-003
Energy	3.2300e-003	0.0294	0.0247	1.8000e-004		2.2300e-003	2.2300e-003		2.2300e-003	2.2300e-003	0.0000	239.8635	239.8635	9.2000e-003	2.3600e-003	240.7973
Mobile	0.1039	0.3931	1.1526	2.5100e-003	0.2143	3.5700e-003	0.2179	0.0576	3.3700e-003	0.0610	0.0000	230.1783	230.1783	0.0126	0.0000	230.4929
Waste						0.0000	0.0000		0.0000	0.0000	29.6170	0.0000	29.6170	1.4686	0.0000	66.3322
Water						0.0000	0.0000		0.0000	0.0000	1.2244	5.9662	7.1905	4.4600e-003	2.7100e-003	8.1107
Total	0.7478	0.4225	1.1790	2.6900e-003	0.2143	5.8100e-003	0.2201	0.0576	5.6100e-003	0.0632	30.8413	476.0112	506.8525	1.4949	5.0700e-003	545.7364

	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	Grading	Grading	10/16/2017	12/28/2017	5	54	
2	Paving	Paving	12/14/2017	12/28/2017	5	11	
3	Building Construction	Building Construction	12/28/2017	10/22/2018	5	213	
4	Architectural Coating	Architectural Coating	10/5/2018	11/14/2018	5	29	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 20.25

Acres of Paving: 1.18

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 227,580; Non-Residential Outdoor: 75,860; Striped Parking Area: 3,107 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Grading	Off-Highway Trucks	1	8.00	200	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	6.00	187	0.41

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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	1	16.00	0.00	0.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	4	76.00	68.00	0.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	1,520.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Grading - 2017

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					0.1335	0.0000	0.1335	0.0683	0.0000	0.0683	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0584	0.6520	0.2534	5.6000e-004		0.0304	0.0304		0.0280	0.0280	0.0000	51.6363	51.6363	0.0158	0.0000	52.0319
Total	0.0584	0.6520	0.2534	5.6000e-004	0.1335	0.0304	0.1640	0.0683	0.0280	0.0963	0.0000	51.6363	51.6363	0.0158	0.0000	52.0319

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3.2 Grading - 2017

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	0.0102	0.2961	0.0871	6.2000e-004	0.0130	2.5600e-003	0.0155	3.5500e-003	2.4500e-003	6.0100e-003	0.0000	61.4272	61.4272	4.9500e-003	0.0000	61.5509
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	1.2000e-003	1.1000e-003	9.4900e-003	2.0000e-005	1.6700e-003	1.0000e-005	1.6800e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.4876	1.4876	7.0000e-005	0.0000	1.4894
Total	0.0114	0.2972	0.0966	6.4000e-004	0.0146	2.5700e-003	0.0172	3.9900e-003	2.4600e-003	6.4600e-003	0.0000	62.9148	62.9148	5.0200e-003	0.0000	63.0403

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					0.1335	0.0000	0.1335	0.0683	0.0000	0.0683	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0584	0.6520	0.2534	5.6000e-004		0.0304	0.0304		0.0280	0.0280	0.0000	51.6363	51.6363	0.0158	0.0000	52.0318
Total	0.0584	0.6520	0.2534	5.6000e-004	0.1335	0.0304	0.1640	0.0683	0.0280	0.0963	0.0000	51.6363	51.6363	0.0158	0.0000	52.0318

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3.2 Grading - 2017

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	0.0102	0.2961	0.0871	6.2000e-004	0.0130	2.5600e-003	0.0155	3.5500e-003	2.4500e-003	6.0100e-003	0.0000	61.4272	61.4272	4.9500e-003	0.0000	61.5509
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	1.2000e-003	1.1000e-003	9.4900e-003	2.0000e-005	1.6700e-003	1.0000e-005	1.6800e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.4876	1.4876	7.0000e-005	0.0000	1.4894
Total	0.0114	0.2972	0.0966	6.4000e-004	0.0146	2.5700e-003	0.0172	3.9900e-003	2.4600e-003	6.4600e-003	0.0000	62.9148	62.9148	5.0200e-003	0.0000	63.0403

3.3 Paving - 2017

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	5.7900e-003	0.0549	0.0404	6.0000e-005		3.3500e-003	3.3500e-003		3.1000e-003	3.1000e-003	0.0000	5.4142	5.4142	1.5100e-003	0.0000	5.4518
Paving	1.5500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.3400e-003	0.0549	0.0404	6.0000e-005		3.3500e-003	3.3500e-003		3.1000e-003	3.1000e-003	0.0000	5.4142	5.4142	1.5100e-003	0.0000	5.4518

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3.3 Paving - 2017

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	4.4000e-004	4.0000e-004	3.4800e-003	1.0000e-005	6.1000e-004	0.0000	6.2000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.5455	0.5455	3.0000e-005	0.0000	0.5461
Total	4.4000e-004	4.0000e-004	3.4800e-003	1.0000e-005	6.1000e-004	0.0000	6.2000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.5455	0.5455	3.0000e-005	0.0000	0.5461

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	5.7900e-003	0.0549	0.0404	6.0000e-005		3.3500e-003	3.3500e-003		3.1000e-003	3.1000e-003	0.0000	5.4142	5.4142	1.5100e-003	0.0000	5.4518
Paving	1.5500e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	7.3400e-003	0.0549	0.0404	6.0000e-005		3.3500e-003	3.3500e-003		3.1000e-003	3.1000e-003	0.0000	5.4142	5.4142	1.5100e-003	0.0000	5.4518

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3.3 Paving - 2017

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	4.4000e-004	4.0000e-004	3.4800e-003	1.0000e-005	6.1000e-004	0.0000	6.2000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.5455	0.5455	3.0000e-005	0.0000	0.5461
Total	4.4000e-004	4.0000e-004	3.4800e-003	1.0000e-005	6.1000e-004	0.0000	6.2000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.5455	0.5455	3.0000e-005	0.0000	0.5461

3.4 Building Construction - 2017

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.6000e-004	9.7200e-003	5.6800e-003	1.0000e-005		6.3000e-004	6.3000e-004		5.8000e-004	5.8000e-004	0.0000	0.7690	0.7690	2.4000e-004	0.0000	0.7749
Total	9.6000e-004	9.7200e-003	5.6800e-003	1.0000e-005		6.3000e-004	6.3000e-004		5.8000e-004	5.8000e-004	0.0000	0.7690	0.7690	2.4000e-004	0.0000	0.7749

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3.4 Building Construction - 2017

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	4.5000e-004	9.3200e-003	3.7700e-003	2.0000e-005	4.0000e-004	1.0000e-004	4.9000e-004	1.1000e-004	9.0000e-005	2.1000e-004	0.0000	1.6102	1.6102	1.2000e-004	0.0000	1.6133
Worker	3.4000e-004	3.1000e-004	2.6700e-003	0.0000	4.7000e-004	0.0000	4.7000e-004	1.2000e-004	0.0000	1.3000e-004	0.0000	0.4187	0.4187	2.0000e-005	0.0000	0.4192
Total	7.9000e-004	9.6300e-003	6.4400e-003	2.0000e-005	8.7000e-004	1.0000e-004	9.6000e-004	2.3000e-004	9.0000e-005	3.4000e-004	0.0000	2.0289	2.0289	1.4000e-004	0.0000	2.0325

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.6000e-004	9.7200e-003	5.6800e-003	1.0000e-005		6.3000e-004	6.3000e-004		5.8000e-004	5.8000e-004	0.0000	0.7690	0.7690	2.4000e-004	0.0000	0.7749
Total	9.6000e-004	9.7200e-003	5.6800e-003	1.0000e-005		6.3000e-004	6.3000e-004		5.8000e-004	5.8000e-004	0.0000	0.7690	0.7690	2.4000e-004	0.0000	0.7749

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3.4 Building Construction - 2017

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	4.5000e-004	9.3200e-003	3.7700e-003	2.0000e-005	4.0000e-004	1.0000e-004	4.9000e-004	1.1000e-004	9.0000e-005	2.1000e-004	0.0000	1.6102	1.6102	1.2000e-004	0.0000	1.6133
Worker	3.4000e-004	3.1000e-004	2.6700e-003	0.0000	4.7000e-004	0.0000	4.7000e-004	1.2000e-004	0.0000	1.3000e-004	0.0000	0.4187	0.4187	2.0000e-005	0.0000	0.4192
Total	7.9000e-004	9.6300e-003	6.4400e-003	2.0000e-005	8.7000e-004	1.0000e-004	9.6000e-004	2.3000e-004	9.0000e-005	3.4000e-004	0.0000	2.0289	2.0289	1.4000e-004	0.0000	2.0325

3.4 Building Construction - 2018

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	0.0864	0.8864	0.5712	8.7000e-004		0.0551	0.0551		0.0507	0.0507	0.0000	79.7971	79.7971	0.0248	0.0000	80.4182
Total	0.0864	0.8864	0.5712	8.7000e-004		0.0551	0.0551		0.0507	0.0507	0.0000	79.7971	79.7971	0.0248	0.0000	80.4182

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3.4 Building Construction - 2018

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	0.0413	0.9238	0.3514	1.7300e-003	0.0417	8.3700e-003	0.0501	0.0120	8.0100e-003	0.0200	0.0000	169.3159	169.3159	0.0129	0.0000	169.6393
Worker	0.0315	0.0283	0.2447	4.8000e-004	0.0495	3.5000e-004	0.0499	0.0132	3.2000e-004	0.0135	0.0000	42.9874	42.9874	1.8300e-003	0.0000	43.0332
Total	0.0727	0.9521	0.5961	2.2100e-003	0.0912	8.7200e-003	0.1000	0.0252	8.3300e-003	0.0335	0.0000	212.3032	212.3032	0.0148	0.0000	212.6725

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	0.0864	0.8864	0.5712	8.7000e-004		0.0551	0.0551		0.0507	0.0507	0.0000	79.7970	79.7970	0.0248	0.0000	80.4181
Total	0.0864	0.8864	0.5712	8.7000e-004		0.0551	0.0551		0.0507	0.0507	0.0000	79.7970	79.7970	0.0248	0.0000	80.4181

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3.4 Building Construction - 2018

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	0.0413	0.9238	0.3514	1.7300e-003	0.0417	8.3700e-003	0.0501	0.0120	8.0100e-003	0.0200	0.0000	169.3159	169.3159	0.0129	0.0000	169.6393
Worker	0.0315	0.0283	0.2447	4.8000e-004	0.0495	3.5000e-004	0.0499	0.0132	3.2000e-004	0.0135	0.0000	42.9874	42.9874	1.8300e-003	0.0000	43.0332
Total	0.0727	0.9521	0.5961	2.2100e-003	0.0912	8.7200e-003	0.1000	0.0252	8.3300e-003	0.0335	0.0000	212.3032	212.3032	0.0148	0.0000	212.6725

3.5 Architectural Coating - 2018

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	0.4467					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3300e-003	0.0291	0.0269	4.0000e-005		2.1800e-003	2.1800e-003		2.1800e-003	2.1800e-003	0.0000	3.7022	3.7022	3.5000e-004	0.0000	3.7110
Total	0.4510	0.0291	0.0269	4.0000e-005		2.1800e-003	2.1800e-003		2.1800e-003	2.1800e-003	0.0000	3.7022	3.7022	3.5000e-004	0.0000	3.7110

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3.5 Architectural Coating - 2018

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	9.1000e-004	8.2000e-004	7.0800e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.2438	1.2438	5.0000e-005	0.0000	1.2452
Total	9.1000e-004	8.2000e-004	7.0800e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.2438	1.2438	5.0000e-005	0.0000	1.2452

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	0.4467					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.3300e-003	0.0291	0.0269	4.0000e-005		2.1800e-003	2.1800e-003		2.1800e-003	2.1800e-003	0.0000	3.7022	3.7022	3.5000e-004	0.0000	3.7110
Total	0.4510	0.0291	0.0269	4.0000e-005		2.1800e-003	2.1800e-003		2.1800e-003	2.1800e-003	0.0000	3.7022	3.7022	3.5000e-004	0.0000	3.7110

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3.5 Architectural Coating - 2018

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	9.1000e-004	8.2000e-004	7.0800e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.2438	1.2438	5.0000e-005	0.0000	1.2452
Total	9.1000e-004	8.2000e-004	7.0800e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.2438	1.2438	5.0000e-005	0.0000	1.2452

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	0.1039	0.3931	1.1526	2.5100e-003	0.2143	3.5700e-003	0.2179	0.0576	3.3700e-003	0.0610	0.0000	230.1783	230.1783	0.0126	0.0000	230.4929
Unmitigated	0.1039	0.3931	1.1526	2.5100e-003	0.2143	3.5700e-003	0.2179	0.0576	3.3700e-003	0.0610	0.0000	230.1783	230.1783	0.0126	0.0000	230.4929

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	254.89	254.89	254.89	564,197	564,197
Total	254.89	254.89	254.89	564,197	564,197

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
Other Asphalt Surfaces	6.60	5.50	6.40	0.00	0.00	0.00	0	0	0
Parking Lot	6.60	5.50	6.40	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	6.60	5.50	6.40	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Unrefrigerated Warehouse-No Rail	0.546962	0.032250	0.203301	0.133652	0.025574	0.006384	0.017070	0.018005	0.002749	0.002622	0.007451	0.002735	0.001244
Parking Lot	0.546962	0.032250	0.203301	0.133652	0.025574	0.006384	0.017070	0.018005	0.002749	0.002622	0.007451	0.002735	0.001244
Other Asphalt Surfaces	0.546962	0.032250	0.203301	0.133652	0.025574	0.006384	0.017070	0.018005	0.002749	0.002622	0.007451	0.002735	0.001244

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	207.8829	207.8829	8.5800e-003	1.7800e-003	208.6266
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	207.8829	207.8829	8.5800e-003	1.7800e-003	208.6266
NaturalGas Mitigated	3.2300e-003	0.0294	0.0247	1.8000e-004		2.2300e-003	2.2300e-003		2.2300e-003	2.2300e-003	0.0000	31.9806	31.9806	6.1000e-004	5.9000e-004	32.1707
NaturalGas Unmitigated	3.2300e-003	0.0294	0.0247	1.8000e-004		2.2300e-003	2.2300e-003		2.2300e-003	2.2300e-003	0.0000	31.9806	31.9806	6.1000e-004	5.9000e-004	32.1707

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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					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	599294	3.2300e-003	0.0294	0.0247	1.8000e-004		2.2300e-003	2.2300e-003		2.2300e-003	2.2300e-003	0.0000	31.9806	31.9806	6.1000e-004	5.9000e-004	32.1707
Total		3.2300e-003	0.0294	0.0247	1.8000e-004		2.2300e-003	2.2300e-003		2.2300e-003	2.2300e-003	0.0000	31.9806	31.9806	6.1000e-004	5.9000e-004	32.1707

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					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	599294	3.2300e-003	0.0294	0.0247	1.8000e-004		2.2300e-003	2.2300e-003		2.2300e-003	2.2300e-003	0.0000	31.9806	31.9806	6.1000e-004	5.9000e-004	32.1707
Total		3.2300e-003	0.0294	0.0247	1.8000e-004		2.2300e-003	2.2300e-003		2.2300e-003	2.2300e-003	0.0000	31.9806	31.9806	6.1000e-004	5.9000e-004	32.1707

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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			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	9152	2.9160	1.2000e-004	2.0000e-005	2.9265
Unrefrigerated Warehouse-No Rail	643293	204.9669	8.4600e-003	1.7500e-003	205.7001
Total		207.8829	8.5800e-003	1.7700e-003	208.6266

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	9152	2.9160	1.2000e-004	2.0000e-005	2.9265
Unrefrigerated Warehouse-No Rail	643293	204.9669	8.4600e-003	1.7500e-003	205.7001
Total		207.8829	8.5800e-003	1.7700e-003	208.6266

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6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	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	0.6407	2.0000e-005	1.6600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.1900e-003	3.1900e-003	1.0000e-005	0.0000	3.4100e-003
Unmitigated	0.6407	2.0000e-005	1.6600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.1900e-003	3.1900e-003	1.0000e-005	0.0000	3.4100e-003

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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	0.0447					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5959					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.6000e-004	2.0000e-005	1.6600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.1900e-003	3.1900e-003	1.0000e-005	0.0000	3.4100e-003
Total	0.6407	2.0000e-005	1.6600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.1900e-003	3.1900e-003	1.0000e-005	0.0000	3.4100e-003

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	0.0447					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5959					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.6000e-004	2.0000e-005	1.6600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.1900e-003	3.1900e-003	1.0000e-005	0.0000	3.4100e-003
Total	0.6407	2.0000e-005	1.6600e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	3.1900e-003	3.1900e-003	1.0000e-005	0.0000	3.4100e-003

7.0 Water Detail

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Annual

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	7.1905	4.4600e-003	2.7100e-003	8.1107
Unmitigated	7.1905	4.4600e-003	2.7100e-003	8.1107

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.46054 / 0	7.1905	4.4600e-003	2.7100e-003	8.1107
Total		7.1905	4.4600e-003	2.7100e-003	8.1107

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Annual

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	3.46054 / 0	7.1905	4.4600e-003	2.7100e-003	8.1107
Total		7.1905	4.4600e-003	2.7100e-003	8.1107

8.0 Waste Detail

8.1 Mitigation Measures Waste

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Annual

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	29.6170	1.4686	0.0000	66.3322
Unmitigated	29.6170	1.4686	0.0000	66.3322

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	142.62	29.6170	1.4686	0.0000	66.3322
Total		29.6170	1.4686	0.0000	66.3322

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Annual

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	142.62	29.6170	1.4686	0.0000	66.3322
Total		29.6170	1.4686	0.0000	66.3322

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

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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Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Annual

11.0 Vegetation

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

Schwan Self Storage Project
Santa Barbara-South of Santa Ynez Range County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	151.72	1000sqft	0.88	151,720.00	0
Parking Lot	26.00	Space	0.23	10,400.00	0
Other Asphalt Surfaces	0.95	Acre	0.95	41,382.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	37
Climate Zone	8			Operational Year	2019
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	702.44	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

Project Characteristics -

Land Use - Based on project design features, MND, and proposed changes.

Construction Phase - Based on schedule provided.

Off-road Equipment - CalEEMod default.

Off-road Equipment - Based on applicant provided data.

Off-road Equipment - Based on applicant provided data.

Off-road Equipment - Based on applicant provided data.

Grading - Based on applicant provided data.

Trips and VMT - Based on applicant provided data.

On-road Fugitive Dust - CalEEMod defaults.

Architectural Coating - In accordance with SBCAPCD Rule 323.1.

Vehicle Trips - CalEEMod defaults.

Vehicle Emission Factors - CalEEMod defaults.

Vehicle Emission Factors - CalEEMod defaults.

Vehicle Emission Factors - CalEEMod defaults.

Road Dust - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - In accordance with SBCAPCD Rule 323.1.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - Based on 2011 MND water use.

Solid Waste - CalEEMod defaults.

Area Mitigation -

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	100
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	10.00	29.00
tblConstructionPhase	NumDays	220.00	213.00
tblConstructionPhase	NumDays	6.00	54.00
tblConstructionPhase	NumDays	10.00	11.00
tblConstructionPhase	PhaseEndDate	10/15/2017	11/14/2018
tblConstructionPhase	PhaseEndDate	10/15/2017	10/22/2018
tblConstructionPhase	PhaseEndDate	10/15/2017	12/28/2017
tblConstructionPhase	PhaseEndDate	10/15/2017	12/28/2017
tblConstructionPhase	PhaseStartDate	10/16/2017	10/5/2018
tblConstructionPhase	PhaseStartDate	10/16/2017	12/28/2017
tblConstructionPhase	PhaseStartDate	10/16/2017	12/14/2017
tblGrading	MaterialExported	0.00	11,400.00
tblLandUse	LotAcreage	3.48	0.88
tblOffRoadEquipment	HorsePower	402.00	200.00
tblOffRoadEquipment	OffRoadEquipmentType		Cement and Mortar Mixers
tblOffRoadEquipment	OffRoadEquipmentType		Off-Highway Trucks
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	OperationalYear	2018	2019
tblTripsAndVMT	HaulingTripNumber	1,425.00	1,520.00
tblTripsAndVMT	VendorTripNumber	33.00	68.00
tblTripsAndVMT	WorkerTripNumber	17.00	16.00
tblTripsAndVMT	WorkerTripNumber	85.00	76.00
tblWater	IndoorWaterUseRate	35,085,250.00	3,460,542.00

2.0 Emissions Summary

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

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	3.5117	1.7000e-004	0.0184	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0391	0.0391	1.1000e-004		0.0418
Energy	0.0177	0.1610	0.1352	9.7000e-004		0.0122	0.0122		0.0122	0.0122		193.1649	193.1649	3.7000e-003	3.5400e-003	194.3128
Mobile	0.5831	2.0653	6.1237	0.0141	1.2035	0.0195	1.2230	0.3229	0.0184	0.3413		1,421.0335	1,421.0335	0.0753		1,422.9163
Total	4.1125	2.2264	6.2774	0.0150	1.2035	0.0318	1.2353	0.3229	0.0307	0.3536		1,614.2375	1,614.2375	0.0791	3.5400e-003	1,617.2708

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	3.5117	1.7000e-004	0.0184	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0391	0.0391	1.1000e-004		0.0418
Energy	0.0177	0.1610	0.1352	9.7000e-004		0.0122	0.0122		0.0122	0.0122		193.1649	193.1649	3.7000e-003	3.5400e-003	194.3128
Mobile	0.5831	2.0653	6.1237	0.0141	1.2035	0.0195	1.2230	0.3229	0.0184	0.3413		1,421.0335	1,421.0335	0.0753		1,422.9163
Total	4.1125	2.2264	6.2774	0.0150	1.2035	0.0318	1.2353	0.3229	0.0307	0.3536		1,614.2375	1,614.2375	0.0791	3.5400e-003	1,617.2708

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

	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

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/16/2017	12/28/2017	5	54	
2	Paving	Paving	12/14/2017	12/28/2017	5	11	
3	Building Construction	Building Construction	12/28/2017	10/22/2018	5	213	
4	Architectural Coating	Architectural Coating	10/5/2018	11/14/2018	5	29	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 20.25

Acres of Paving: 1.18

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 227,580; Non-Residential Outdoor: 75,860; Striped Parking Area: 3,107 (Architectural Coating – sqft)

OffRoad Equipment

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Grading	Off-Highway Trucks	1	8.00	200	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	6.00	187	0.41

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	1	16.00	0.00	0.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	4	76.00	68.00	0.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	1,520.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

3.2 Grading - 2017

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					
Fugitive Dust					4.9454	0.0000	4.9454	2.5303	0.0000	2.5303			0.0000			0.0000
Off-Road	2.1615	24.1463	9.3837	0.0206		1.1267	1.1267		1.0366	1.0366		2,108.122 2	2,108.122 2	0.6459		2,124.270 3
Total	2.1615	24.1463	9.3837	0.0206	4.9454	1.1267	6.0721	2.5303	1.0366	3.5669		2,108.122 2	2,108.122 2	0.6459		2,124.270 3

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	0.3715	10.6988	3.1434	0.0230	0.4892	0.0944	0.5835	0.1338	0.0903	0.2241		2,520.572 2	2,520.572 2	0.1996		2,525.562 3
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
Worker	0.0431	0.0363	0.3438	6.3000e-004	0.0632	4.5000e-004	0.0636	0.0168	4.2000e-004	0.0172		62.0795	62.0795	2.9000e-003		62.1520
Total	0.4146	10.7350	3.4872	0.0236	0.5523	0.0948	0.6471	0.1506	0.0907	0.2413		2,582.651 7	2,582.651 7	0.2025		2,587.714 2

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

3.2 Grading - 2017

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					
Fugitive Dust					4.9454	0.0000	4.9454	2.5303	0.0000	2.5303			0.0000			0.0000
Off-Road	2.1615	24.1463	9.3837	0.0206		1.1267	1.1267		1.0366	1.0366	0.0000	2,108.122 2	2,108.122 2	0.6459		2,124.270 3
Total	2.1615	24.1463	9.3837	0.0206	4.9454	1.1267	6.0721	2.5303	1.0366	3.5669	0.0000	2,108.122 2	2,108.122 2	0.6459		2,124.270 3

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	0.3715	10.6988	3.1434	0.0230	0.4892	0.0944	0.5835	0.1338	0.0903	0.2241		2,520.572 2	2,520.572 2	0.1996		2,525.562 3
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
Worker	0.0431	0.0363	0.3438	6.3000e-004	0.0632	4.5000e-004	0.0636	0.0168	4.2000e-004	0.0172		62.0795	62.0795	2.9000e-003		62.1520
Total	0.4146	10.7350	3.4872	0.0236	0.5523	0.0948	0.6471	0.1506	0.0907	0.2413		2,582.651 7	2,582.651 7	0.2025		2,587.714 2

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

3.3 Paving - 2017

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					
Off-Road	1.0532	9.9754	7.3425	0.0113		0.6087	0.6087		0.5636	0.5636		1,085.1071	1,085.1071	0.3018		1,092.6515
Paving	0.2811					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3343	9.9754	7.3425	0.0113		0.6087	0.6087		0.5636	0.5636		1,085.1071	1,085.1071	0.3018		1,092.6515

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
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
Worker	0.0775	0.0653	0.6188	1.1300e-003	0.1137	8.2000e-004	0.1145	0.0302	7.5000e-004	0.0309		111.7431	111.7431	5.2200e-003		111.8735
Total	0.0775	0.0653	0.6188	1.1300e-003	0.1137	8.2000e-004	0.1145	0.0302	7.5000e-004	0.0309		111.7431	111.7431	5.2200e-003		111.8735

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

3.3 Paving - 2017

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					
Off-Road	1.0532	9.9754	7.3425	0.0113		0.6087	0.6087		0.5636	0.5636	0.0000	1,085.1071	1,085.1071	0.3018		1,092.6515
Paving	0.2811					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3343	9.9754	7.3425	0.0113		0.6087	0.6087		0.5636	0.5636	0.0000	1,085.1071	1,085.1071	0.3018		1,092.6515

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
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
Worker	0.0775	0.0653	0.6188	1.1300e-003	0.1137	8.2000e-004	0.1145	0.0302	7.5000e-004	0.0309		111.7431	111.7431	5.2200e-003		111.8735
Total	0.0775	0.0653	0.6188	1.1300e-003	0.1137	8.2000e-004	0.1145	0.0302	7.5000e-004	0.0309		111.7431	111.7431	5.2200e-003		111.8735

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

3.4 Building Construction - 2017

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					
Off-Road	0.9644	9.7151	5.6762	8.2800e-003		0.6302	0.6302		0.5798	0.5798		847.6515	847.6515	0.2597		854.1444
Total	0.9644	9.7151	5.6762	8.2800e-003		0.6302	0.6302		0.5798	0.5798		847.6515	847.6515	0.2597		854.1444

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
Vendor	0.4435	9.1700	3.5862	0.0167	0.4027	0.0984	0.5011	0.1159	0.0941	0.2100		1,790.8919	1,790.8919	0.1334		1,794.2269
Worker	0.3273	0.2755	2.6127	4.7500e-003	0.4800	3.4400e-003	0.4834	0.1273	3.1800e-003	0.1305		471.8041	471.8041	0.0220		472.3548
Total	0.7708	9.4455	6.1989	0.0214	0.8827	0.1018	0.9845	0.2432	0.0973	0.3405		2,262.6961	2,262.6961	0.1554		2,266.5817

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

3.4 Building Construction - 2017

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					
Off-Road	0.9644	9.7151	5.6762	8.2800e-003		0.6302	0.6302		0.5798	0.5798	0.0000	847.6515	847.6515	0.2597		854.1444
Total	0.9644	9.7151	5.6762	8.2800e-003		0.6302	0.6302		0.5798	0.5798	0.0000	847.6515	847.6515	0.2597		854.1444

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
Vendor	0.4435	9.1700	3.5862	0.0167	0.4027	0.0984	0.5011	0.1159	0.0941	0.2100		1,790.8919	1,790.8919	0.1334		1,794.2269
Worker	0.3273	0.2755	2.6127	4.7500e-003	0.4800	3.4400e-003	0.4834	0.1273	3.1800e-003	0.1305		471.8041	471.8041	0.0220		472.3548
Total	0.7708	9.4455	6.1989	0.0214	0.8827	0.1018	0.9845	0.2432	0.0973	0.3405		2,262.6961	2,262.6961	0.1554		2,266.5817

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

3.4 Building Construction - 2018

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					
Off-Road	0.8187	8.4019	5.4145	8.2800e-003		0.5224	0.5224		0.4806	0.4806		833.7563	833.7563	0.2596		840.2453
Total	0.8187	8.4019	5.4145	8.2800e-003		0.5224	0.5224		0.4806	0.4806		833.7563	833.7563	0.2596		840.2453

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
Vendor	0.3825	8.6240	3.1714	0.0165	0.4027	0.0786	0.4813	0.1159	0.0752	0.1911		1,785.7219	1,785.7219	0.1321		1,789.0248
Worker	0.2898	0.2393	2.2771	4.6200e-003	0.4800	3.2700e-003	0.4833	0.1273	3.0200e-003	0.1304		459.1272	459.1272	0.0191		459.6054
Total	0.6723	8.8633	5.4486	0.0212	0.8827	0.0819	0.9646	0.2432	0.0782	0.3214		2,244.8491	2,244.8491	0.1513		2,248.6302

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

3.4 Building Construction - 2018

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					
Off-Road	0.8187	8.4019	5.4145	8.2800e-003		0.5224	0.5224		0.4806	0.4806	0.0000	833.7563	833.7563	0.2596		840.2453
Total	0.8187	8.4019	5.4145	8.2800e-003		0.5224	0.5224		0.4806	0.4806	0.0000	833.7563	833.7563	0.2596		840.2453

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
Vendor	0.3825	8.6240	3.1714	0.0165	0.4027	0.0786	0.4813	0.1159	0.0752	0.1911		1,785.7219	1,785.7219	0.1321		1,789.0248
Worker	0.2898	0.2393	2.2771	4.6200e-003	0.4800	3.2700e-003	0.4833	0.1273	3.0200e-003	0.1304		459.1272	459.1272	0.0191		459.6054
Total	0.6723	8.8633	5.4486	0.0212	0.8827	0.0819	0.9646	0.2432	0.0782	0.3214		2,244.8491	2,244.8491	0.1513		2,248.6302

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

3.5 Architectural Coating - 2018

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	30.8079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
Total	31.1065	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171

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
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
Worker	0.0610	0.0504	0.4794	9.7000e-004	0.1011	6.9000e-004	0.1017	0.0268	6.4000e-004	0.0274		96.6584	96.6584	4.0300e-003		96.7590
Total	0.0610	0.0504	0.4794	9.7000e-004	0.1011	6.9000e-004	0.1017	0.0268	6.4000e-004	0.0274		96.6584	96.6584	4.0300e-003		96.7590

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

3.5 Architectural Coating - 2018

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	30.8079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171
Total	31.1065	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171

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
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
Worker	0.0610	0.0504	0.4794	9.7000e-004	0.1011	6.9000e-004	0.1017	0.0268	6.4000e-004	0.0274		96.6584	96.6584	4.0300e-003		96.7590
Total	0.0610	0.0504	0.4794	9.7000e-004	0.1011	6.9000e-004	0.1017	0.0268	6.4000e-004	0.0274		96.6584	96.6584	4.0300e-003		96.7590

4.0 Operational Detail - Mobile

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

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	0.5831	2.0653	6.1237	0.0141	1.2035	0.0195	1.2230	0.3229	0.0184	0.3413		1,421.0335	1,421.0335	0.0753		1,422.9163
Unmitigated	0.5831	2.0653	6.1237	0.0141	1.2035	0.0195	1.2230	0.3229	0.0184	0.3413		1,421.0335	1,421.0335	0.0753		1,422.9163

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	254.89	254.89	254.89	564,197	564,197
Total	254.89	254.89	254.89	564,197	564,197

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
Other Asphalt Surfaces	6.60	5.50	6.40	0.00	0.00	0.00	0	0	0
Parking Lot	6.60	5.50	6.40	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	6.60	5.50	6.40	59.00	0.00	41.00	92	5	3

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Unrefrigerated Warehouse-No Rail	0.546962	0.032250	0.203301	0.133652	0.025574	0.006384	0.017070	0.018005	0.002749	0.002622	0.007451	0.002735	0.001244
Parking Lot	0.546962	0.032250	0.203301	0.133652	0.025574	0.006384	0.017070	0.018005	0.002749	0.002622	0.007451	0.002735	0.001244
Other Asphalt Surfaces	0.546962	0.032250	0.203301	0.133652	0.025574	0.006384	0.017070	0.018005	0.002749	0.002622	0.007451	0.002735	0.001244

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	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
NaturalGas Mitigated	0.0177	0.1610	0.1352	9.7000e-004		0.0122	0.0122		0.0122	0.0122		193.1649	193.1649	3.7000e-003	3.5400e-003	194.3128
NaturalGas Unmitigated	0.0177	0.1610	0.1352	9.7000e-004		0.0122	0.0122		0.0122	0.0122		193.1649	193.1649	3.7000e-003	3.5400e-003	194.3128

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas 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					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1641.9	0.0177	0.1610	0.1352	9.7000e-004		0.0122	0.0122		0.0122	0.0122		193.1649	193.1649	3.7000e-003	3.5400e-003	194.3128
Total		0.0177	0.1610	0.1352	9.7000e-004		0.0122	0.0122		0.0122	0.0122		193.1649	193.1649	3.7000e-003	3.5400e-003	194.3128

Mitigated

	Natural Gas 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					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1.6419	0.0177	0.1610	0.1352	9.7000e-004		0.0122	0.0122		0.0122	0.0122		193.1649	193.1649	3.7000e-003	3.5400e-003	194.3128
Total		0.0177	0.1610	0.1352	9.7000e-004		0.0122	0.0122		0.0122	0.0122		193.1649	193.1649	3.7000e-003	3.5400e-003	194.3128

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	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	3.5117	1.7000e-004	0.0184	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0391	0.0391	1.1000e-004		0.0418
Unmitigated	3.5117	1.7000e-004	0.0184	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0391	0.0391	1.1000e-004		0.0418

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

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	0.2448					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2652					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.7500e-003	1.7000e-004	0.0184	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0391	0.0391	1.1000e-004		0.0418
Total	3.5117	1.7000e-004	0.0184	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0391	0.0391	1.1000e-004		0.0418

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	0.2448					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2652					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.7500e-003	1.7000e-004	0.0184	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0391	0.0391	1.1000e-004		0.0418
Total	3.5117	1.7000e-004	0.0184	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0391	0.0391	1.1000e-004		0.0418

7.0 Water Detail

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Summer

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
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Winter

Schwan Self Storage Project
Santa Barbara-South of Santa Ynez Range County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Unrefrigerated Warehouse-No Rail	151.72	1000sqft	0.88	151,720.00	0
Parking Lot	26.00	Space	0.23	10,400.00	0
Other Asphalt Surfaces	0.95	Acre	0.95	41,382.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.7	Precipitation Freq (Days)	37
Climate Zone	8			Operational Year	2019
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Winter

Project Characteristics -

Land Use - Based on project design features, MND, and proposed changes.

Construction Phase - Based on schedule provided.

Off-road Equipment - CalEEMod default.

Off-road Equipment - Based on applicant provided data.

Off-road Equipment - Based on applicant provided data.

Off-road Equipment - Based on applicant provided data.

Grading - Based on applicant provided data.

Trips and VMT - Based on applicant provided data.

On-road Fugitive Dust - CalEEMod defaults.

Architectural Coating - In accordance with SBCAPCD Rule 323.1.

Vehicle Trips - CalEEMod defaults.

Vehicle Emission Factors - CalEEMod defaults.

Vehicle Emission Factors - CalEEMod defaults.

Vehicle Emission Factors - CalEEMod defaults.

Road Dust - CalEEMod defaults.

Consumer Products - CalEEMod defaults.

Area Coating - In accordance with SBCAPCD Rule 323.1.

Landscape Equipment - CalEEMod defaults.

Energy Use - CalEEMod defaults.

Water And Wastewater - Based on 2011 MND water use.

Solid Waste - CalEEMod defaults.

Area Mitigation -

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Winter

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	100.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	50.00
tblArchitecturalCoating	EF_Parking	250.00	100.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	100
tblAreaCoating	Area_EF_Nonresidential_Interior	250	50
tblAreaCoating	Area_EF_Parking	250	100
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstructionPhase	NumDays	10.00	29.00
tblConstructionPhase	NumDays	220.00	213.00
tblConstructionPhase	NumDays	6.00	54.00
tblConstructionPhase	NumDays	10.00	11.00
tblConstructionPhase	PhaseEndDate	10/15/2017	11/14/2018
tblConstructionPhase	PhaseEndDate	10/15/2017	10/22/2018
tblConstructionPhase	PhaseEndDate	10/15/2017	12/28/2017
tblConstructionPhase	PhaseEndDate	10/15/2017	12/28/2017
tblConstructionPhase	PhaseStartDate	10/16/2017	10/5/2018
tblConstructionPhase	PhaseStartDate	10/16/2017	12/28/2017
tblConstructionPhase	PhaseStartDate	10/16/2017	12/14/2017
tblGrading	MaterialExported	0.00	11,400.00
tblLandUse	LotAcreage	3.48	0.88
tblOffRoadEquipment	HorsePower	402.00	200.00
tblOffRoadEquipment	OffRoadEquipmentType		Cement and Mortar Mixers
tblOffRoadEquipment	OffRoadEquipmentType		Off-Highway Trucks
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	4.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Winter

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	PhaseName		Grading
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	8.00	4.00
tblOffRoadEquipment	UsageHours	7.00	6.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	8.00	7.00
tblOffRoadEquipment	UsageHours	8.00	6.00
tblProjectCharacteristics	OperationalYear	2018	2019
tblTripsAndVMT	HaulingTripNumber	1,425.00	1,520.00
tblTripsAndVMT	VendorTripNumber	33.00	68.00
tblTripsAndVMT	WorkerTripNumber	17.00	16.00
tblTripsAndVMT	WorkerTripNumber	85.00	76.00
tblWater	IndoorWaterUseRate	35,085,250.00	3,460,542.00

2.0 Emissions Summary

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Winter

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	3.5117	1.7000e-004	0.0184	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0391	0.0391	1.1000e-004		0.0418
Energy	0.0177	0.1610	0.1352	9.7000e-004		0.0122	0.0122		0.0122	0.0122		193.1649	193.1649	3.7000e-003	3.5400e-003	194.3128
Mobile	0.5805	2.1555	6.5576	0.0138	1.2035	0.0198	1.2232	0.3229	0.0186	0.3415		1,391.1134	1,391.1134	0.0775		1,393.0500
Total	4.1098	2.3167	6.7112	0.0148	1.2035	0.0321	1.2355	0.3229	0.0309	0.3538		1,584.3174	1,584.3174	0.0813	3.5400e-003	1,587.4045

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	3.5117	1.7000e-004	0.0184	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0391	0.0391	1.1000e-004		0.0418
Energy	0.0177	0.1610	0.1352	9.7000e-004		0.0122	0.0122		0.0122	0.0122		193.1649	193.1649	3.7000e-003	3.5400e-003	194.3128
Mobile	0.5805	2.1555	6.5576	0.0138	1.2035	0.0198	1.2232	0.3229	0.0186	0.3415		1,391.1134	1,391.1134	0.0775		1,393.0500
Total	4.1098	2.3167	6.7112	0.0148	1.2035	0.0321	1.2355	0.3229	0.0309	0.3538		1,584.3174	1,584.3174	0.0813	3.5400e-003	1,587.4045

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Winter

	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

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Grading	Grading	10/16/2017	12/28/2017	5	54	
2	Paving	Paving	12/14/2017	12/28/2017	5	11	
3	Building Construction	Building Construction	12/28/2017	10/22/2018	5	213	
4	Architectural Coating	Architectural Coating	10/5/2018	11/14/2018	5	29	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 20.25

Acres of Paving: 1.18

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 227,580; Non-Residential Outdoor: 75,860; Striped Parking Area: 3,107 (Architectural Coating – sqft)

OffRoad Equipment

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Grading	Off-Highway Trucks	1	8.00	200	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Grading	Rubber Tired Dozers	1	6.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Grading	Graders	1	6.00	187	0.41

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	1	16.00	0.00	0.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	4	76.00	68.00	0.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT
Grading	4	10.00	0.00	1,520.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	8.30	6.40	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Winter

3.2 Grading - 2017

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					
Fugitive Dust					4.9454	0.0000	4.9454	2.5303	0.0000	2.5303			0.0000			0.0000
Off-Road	2.1615	24.1463	9.3837	0.0206		1.1267	1.1267		1.0366	1.0366		2,108.122 2	2,108.122 2	0.6459		2,124.270 3
Total	2.1615	24.1463	9.3837	0.0206	4.9454	1.1267	6.0721	2.5303	1.0366	3.5669		2,108.122 2	2,108.122 2	0.6459		2,124.270 3

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	0.3815	10.7932	3.3181	0.0227	0.4892	0.0959	0.5850	0.1338	0.0917	0.2256		2,490.274 5	2,490.274 5	0.2046		2,495.389 4
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
Worker	0.0487	0.0414	0.3619	6.1000e-004	0.0632	4.5000e-004	0.0636	0.0168	4.2000e-004	0.0172		60.6509	60.6509	2.9400e-003		60.7245
Total	0.4302	10.8346	3.6800	0.0233	0.5523	0.0963	0.6486	0.1506	0.0921	0.2427		2,550.925 4	2,550.925 4	0.2075		2,556.113 9

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Winter

3.2 Grading - 2017

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					
Fugitive Dust					4.9454	0.0000	4.9454	2.5303	0.0000	2.5303			0.0000			0.0000
Off-Road	2.1615	24.1463	9.3837	0.0206		1.1267	1.1267		1.0366	1.0366	0.0000	2,108.122 2	2,108.122 2	0.6459		2,124.270 3
Total	2.1615	24.1463	9.3837	0.0206	4.9454	1.1267	6.0721	2.5303	1.0366	3.5669	0.0000	2,108.122 2	2,108.122 2	0.6459		2,124.270 3

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	0.3815	10.7932	3.3181	0.0227	0.4892	0.0959	0.5850	0.1338	0.0917	0.2256		2,490.274 5	2,490.274 5	0.2046		2,495.389 4
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
Worker	0.0487	0.0414	0.3619	6.1000e-004	0.0632	4.5000e-004	0.0636	0.0168	4.2000e-004	0.0172		60.6509	60.6509	2.9400e-003		60.7245
Total	0.4302	10.8346	3.6800	0.0233	0.5523	0.0963	0.6486	0.1506	0.0921	0.2427		2,550.925 4	2,550.925 4	0.2075		2,556.113 9

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Winter

3.3 Paving - 2017

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					
Off-Road	1.0532	9.9754	7.3425	0.0113		0.6087	0.6087		0.5636	0.5636		1,085.1071	1,085.1071	0.3018		1,092.6515
Paving	0.2811					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3343	9.9754	7.3425	0.0113		0.6087	0.6087		0.5636	0.5636		1,085.1071	1,085.1071	0.3018		1,092.6515

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
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
Worker	0.0876	0.0746	0.6514	1.1000e-003	0.1137	8.2000e-004	0.1145	0.0302	7.5000e-004	0.0309		109.1715	109.1715	5.3000e-003		109.3040
Total	0.0876	0.0746	0.6514	1.1000e-003	0.1137	8.2000e-004	0.1145	0.0302	7.5000e-004	0.0309		109.1715	109.1715	5.3000e-003		109.3040

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Winter

3.3 Paving - 2017

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					
Off-Road	1.0532	9.9754	7.3425	0.0113		0.6087	0.6087		0.5636	0.5636	0.0000	1,085.1071	1,085.1071	0.3018		1,092.6515
Paving	0.2811					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	1.3343	9.9754	7.3425	0.0113		0.6087	0.6087		0.5636	0.5636	0.0000	1,085.1071	1,085.1071	0.3018		1,092.6515

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
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
Worker	0.0876	0.0746	0.6514	1.1000e-003	0.1137	8.2000e-004	0.1145	0.0302	7.5000e-004	0.0309		109.1715	109.1715	5.3000e-003		109.3040
Total	0.0876	0.0746	0.6514	1.1000e-003	0.1137	8.2000e-004	0.1145	0.0302	7.5000e-004	0.0309		109.1715	109.1715	5.3000e-003		109.3040

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Winter

3.4 Building Construction - 2017

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					
Off-Road	0.9644	9.7151	5.6762	8.2800e-003		0.6302	0.6302		0.5798	0.5798		847.6515	847.6515	0.2597		854.1444
Total	0.9644	9.7151	5.6762	8.2800e-003		0.6302	0.6302		0.5798	0.5798		847.6515	847.6515	0.2597		854.1444

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
Vendor	0.4659	9.1776	3.9356	0.0163	0.4027	0.1004	0.5032	0.1159	0.0961	0.2120		1,752.9004	1,752.9004	0.1402		1,756.4051
Worker	0.3700	0.3149	2.7504	4.6500e-003	0.4800	3.4400e-003	0.4834	0.1273	3.1800e-003	0.1305		460.9465	460.9465	0.0224		461.5060
Total	0.8359	9.4925	6.6860	0.0210	0.8827	0.1039	0.9866	0.2432	0.0992	0.3425		2,213.8469	2,213.8469	0.1626		2,217.9111

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Winter

3.4 Building Construction - 2017

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					
Off-Road	0.9644	9.7151	5.6762	8.2800e-003		0.6302	0.6302		0.5798	0.5798	0.0000	847.6515	847.6515	0.2597		854.1444
Total	0.9644	9.7151	5.6762	8.2800e-003		0.6302	0.6302		0.5798	0.5798	0.0000	847.6515	847.6515	0.2597		854.1444

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
Vendor	0.4659	9.1776	3.9356	0.0163	0.4027	0.1004	0.5032	0.1159	0.0961	0.2120		1,752.9004	1,752.9004	0.1402		1,756.4051
Worker	0.3700	0.3149	2.7504	4.6500e-003	0.4800	3.4400e-003	0.4834	0.1273	3.1800e-003	0.1305		460.9465	460.9465	0.0224		461.5060
Total	0.8359	9.4925	6.6860	0.0210	0.8827	0.1039	0.9866	0.2432	0.0992	0.3425		2,213.8469	2,213.8469	0.1626		2,217.9111

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Winter

3.4 Building Construction - 2018

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					
Off-Road	0.8187	8.4019	5.4145	8.2800e-003		0.5224	0.5224		0.4806	0.4806		833.7563	833.7563	0.2596		840.2453
Total	0.8187	8.4019	5.4145	8.2800e-003		0.5224	0.5224		0.4806	0.4806		833.7563	833.7563	0.2596		840.2453

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
Vendor	0.4016	8.6204	3.4795	0.0162	0.4027	0.0804	0.4831	0.1159	0.0769	0.1928		1,746.1785	1,746.1785	0.1386		1,749.6423
Worker	0.3269	0.2736	2.3847	4.5200e-003	0.4800	3.2700e-003	0.4833	0.1273	3.0200e-003	0.1304		448.5348	448.5348	0.0194		449.0191
Total	0.7286	8.8940	5.8642	0.0207	0.8827	0.0837	0.9664	0.2432	0.0799	0.3231		2,194.7133	2,194.7133	0.1579		2,198.6614

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Winter

3.4 Building Construction - 2018

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					
Off-Road	0.8187	8.4019	5.4145	8.2800e-003		0.5224	0.5224		0.4806	0.4806	0.0000	833.7563	833.7563	0.2596		840.2453
Total	0.8187	8.4019	5.4145	8.2800e-003		0.5224	0.5224		0.4806	0.4806	0.0000	833.7563	833.7563	0.2596		840.2453

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
Vendor	0.4016	8.6204	3.4795	0.0162	0.4027	0.0804	0.4831	0.1159	0.0769	0.1928		1,746.1785	1,746.1785	0.1386		1,749.6423
Worker	0.3269	0.2736	2.3847	4.5200e-003	0.4800	3.2700e-003	0.4833	0.1273	3.0200e-003	0.1304		448.5348	448.5348	0.0194		449.0191
Total	0.7286	8.8940	5.8642	0.0207	0.8827	0.0837	0.9664	0.2432	0.0799	0.3231		2,194.7133	2,194.7133	0.1579		2,198.6614

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3.5 Architectural Coating - 2018

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	30.8079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171
Total	31.1065	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506		281.4485	281.4485	0.0267		282.1171

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
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
Worker	0.0688	0.0576	0.5020	9.5000e-004	0.1011	6.9000e-004	0.1017	0.0268	6.4000e-004	0.0274		94.4284	94.4284	4.0800e-003		94.5303
Total	0.0688	0.0576	0.5020	9.5000e-004	0.1011	6.9000e-004	0.1017	0.0268	6.4000e-004	0.0274		94.4284	94.4284	4.0800e-003		94.5303

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Winter

3.5 Architectural Coating - 2018

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	30.8079					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2986	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171
Total	31.1065	2.0058	1.8542	2.9700e-003		0.1506	0.1506		0.1506	0.1506	0.0000	281.4485	281.4485	0.0267		282.1171

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
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
Worker	0.0688	0.0576	0.5020	9.5000e-004	0.1011	6.9000e-004	0.1017	0.0268	6.4000e-004	0.0274		94.4284	94.4284	4.0800e-003		94.5303
Total	0.0688	0.0576	0.5020	9.5000e-004	0.1011	6.9000e-004	0.1017	0.0268	6.4000e-004	0.0274		94.4284	94.4284	4.0800e-003		94.5303

4.0 Operational Detail - Mobile

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Winter

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	0.5805	2.1555	6.5576	0.0138	1.2035	0.0198	1.2232	0.3229	0.0186	0.3415		1,391.1134	1,391.1134	0.0775		1,393.0500
Unmitigated	0.5805	2.1555	6.5576	0.0138	1.2035	0.0198	1.2232	0.3229	0.0186	0.3415		1,391.1134	1,391.1134	0.0775		1,393.0500

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Unrefrigerated Warehouse-No Rail	254.89	254.89	254.89	564,197	564,197
Total	254.89	254.89	254.89	564,197	564,197

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
Other Asphalt Surfaces	6.60	5.50	6.40	0.00	0.00	0.00	0	0	0
Parking Lot	6.60	5.50	6.40	0.00	0.00	0.00	0	0	0
Unrefrigerated Warehouse-No	6.60	5.50	6.40	59.00	0.00	41.00	92	5	3

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4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Unrefrigerated Warehouse-No Rail	0.546962	0.032250	0.203301	0.133652	0.025574	0.006384	0.017070	0.018005	0.002749	0.002622	0.007451	0.002735	0.001244
Parking Lot	0.546962	0.032250	0.203301	0.133652	0.025574	0.006384	0.017070	0.018005	0.002749	0.002622	0.007451	0.002735	0.001244
Other Asphalt Surfaces	0.546962	0.032250	0.203301	0.133652	0.025574	0.006384	0.017070	0.018005	0.002749	0.002622	0.007451	0.002735	0.001244

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Category	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
	lb/day										lb/day					
NaturalGas Mitigated	0.0177	0.1610	0.1352	9.7000e-004		0.0122	0.0122		0.0122	0.0122		193.1649	193.1649	3.7000e-003	3.5400e-003	194.3128
NaturalGas Unmitigated	0.0177	0.1610	0.1352	9.7000e-004		0.0122	0.0122		0.0122	0.0122		193.1649	193.1649	3.7000e-003	3.5400e-003	194.3128

Schwan Self Storage Project - Santa Barbara-South of Santa Ynez Range County, Winter

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas 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					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1641.9	0.0177	0.1610	0.1352	9.7000e-004		0.0122	0.0122		0.0122	0.0122		193.1649	193.1649	3.7000e-003	3.5400e-003	194.3128
Total		0.0177	0.1610	0.1352	9.7000e-004		0.0122	0.0122		0.0122	0.0122		193.1649	193.1649	3.7000e-003	3.5400e-003	194.3128

Mitigated

	Natural Gas 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					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Unrefrigerated Warehouse-No Rail	1.6419	0.0177	0.1610	0.1352	9.7000e-004		0.0122	0.0122		0.0122	0.0122		193.1649	193.1649	3.7000e-003	3.5400e-003	194.3128
Total		0.0177	0.1610	0.1352	9.7000e-004		0.0122	0.0122		0.0122	0.0122		193.1649	193.1649	3.7000e-003	3.5400e-003	194.3128

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6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

	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	3.5117	1.7000e-004	0.0184	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0391	0.0391	1.1000e-004		0.0418
Unmitigated	3.5117	1.7000e-004	0.0184	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0391	0.0391	1.1000e-004		0.0418

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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	0.2448					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2652					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.7500e-003	1.7000e-004	0.0184	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0391	0.0391	1.1000e-004		0.0418
Total	3.5117	1.7000e-004	0.0184	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0391	0.0391	1.1000e-004		0.0418

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	0.2448					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2652					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.7500e-003	1.7000e-004	0.0184	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0391	0.0391	1.1000e-004		0.0418
Total	3.5117	1.7000e-004	0.0184	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005		0.0391	0.0391	1.1000e-004		0.0418

7.0 Water Detail

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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
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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