

Appendix B



Air Quality and Greenhouse Gas Emissions

Cheval Blanc

Draft EIR

Technical Appendix for Air Quality and Greenhouse Gas Emissions

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Appendix B-1-Air Quality Worksheets and Modeling Output Files

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 - Appendix B-1.1: Summary of Air Pollutant Emissions
 - Appendix B-1.2: Localized Significance Threshold (LST) Calculation Worksheet
 - Appendix B-1.3: CalEEMod Outputs
 - Baseline (Existing Year)
 - Baseline (Buildout Year)
 - Project Construction and Operations

Cheval Blanc
Air Quality Emissions Summary

AQ SUMMARY OF EMISSIONS							
Construction Emissions (Unmitigated)							
Regional (Daily) Unmitigated	ROG	NOx	CO	SO2	PM10	PM2.5	
2022	5	74	43	<1	7	3	
2023	7	79	70	<1	11	4	
2024	4	21	38	<1	8	3	
2025	22	32	59	<1	13	4	
MAX	22	79	70	<1	13	4	
Threshold	75	100	550	150	150	55	
Difference	(53)	(21)	(480)	(150)	(137)	(51)	
Impact	No	No	No	No	No	No	
Localized (Daily) Unmitigated	ROG	NOx	CO	SO2	PM10	PM2.5	
2022	3	36	29	<1	1	1	
2023	5	56	50	<1	2	2	
2024	2	18	22	<1	<1	<1	
2025	19	28	36	<1	1	1	
MAX		56	50	<1	2	2	
Threshold		93	1,218		24	7	
Difference		(38)	(1,168)		(22)	(6)	
Impact		No	No		No	No	

Operation Emissions (Without Project Design Features)

Regional Baseline (Existing Year)	ROG	NOx	CO	SO2	PM10	PM2.5	
Area	<1	<1	<1	<1	<1	<1	
Energy	<1	<1	<1	<1	<1	<1	
Mobile	1	6	10	<1	2	<1	
Emergency Generator	<1	<1	<1	<1	<1	<1	
Total	2	6	10	<1	2	<1	
Regional Baseline (Buildout Year)	ROG	NOx	CO	SO2	PM10	PM2.5	
Area	<1	<1	<1	<1	<1	<1	
Energy	<1	<1	<1	<1	<1	<1	
Mobile	<1	4	7	<1	2	<1	
Emergency Generator	<1	<1	<1	<1	<1	<1	
Total	2	4	7	<1	2	<1	
Regional Buildout (Buildout Year)	ROG	NOx	CO	SO2	PM10	PM2.5	
Area	5	<1	<1	<1	<1	<1	
Energy	<1	2	2	<1	<1	<1	
Mobile	4	17	24	<1	6	2	
Emergency Generator	<1	<1	<1	<1	<1	<1	
Total	9	20	27	<1	6	2	
Project Regional (Buildout Less Baseline (Buildout Year))	ROG	NOx	CO	SO2	PM10	PM2.5	
Area	4	<1	<1	<1	<1	<1	
Energy	<1	2	2	<1	<1	<1	
Mobile	3	12	17	<1	4	1	
Emergency Generator	<1	<1	<1	<1	<1	<1	
Total	8	15	20	<1	4	1	
Threshold	55	55	550	150	150	55	
Difference	(47)	(40)	(530)	(150)	(146)	(54)	
Impact	No	No	No	No	No	No	
Project Localized (Buildout Less Baseline (Buildout Year))	ROG	NOx	CO	SO2	PM10	PM2.5	
Onsite Total		3	3		0	0.2	
Threshold		93	1,218		6	2	
Difference		(90)	(1,215)		(6)	(2)	
Impact		No	No		No	No	

Cheval Blanc - Existing Uses (Existing Year) - South Coast Air Basin, Winter

Cheval Blanc - Existing Uses (Existing Year)
South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Strip Mall	30.25	1000sqft	0.69	30,246.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11	Operational Year	2021		
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	465	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SoCal Edison 2019 Sustainability Report - Interpolated for Year 2021

Land Use - Existing Active Uses. Does not include vacant uses.

Construction Phase - See construction assumptions

Off-road Equipment -

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - see construction assumptions

Demolition -

Grading - see construction assumptions

Architectural Coating -

Vehicle Trips - See trip generation calculations

Vehicle Emission Factors -

Vehicle Emission Factors -

Area Coating -

Energy Use -

Mobile Land Use Mitigation - Metro D line approximately 0.5 miles

Energy Mitigation -

Water Mitigation -

Waste Mitigation - Beverly Hills Waste Diversion Rate

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	30,250.00	30,246.00

Cheval Blanc - Existing Operations (Baseline)

tblProjectCharacteristics	CO2IntensityFactor	702.44	465
tblTripsAndVMT	HaulingTripNumber	135.00	0.00
tblTripsAndVMT	HaulingTripNumber	124.00	0.00
tblVehicleTrips	ST_TR	42.04	35.81
tblVehicleTrips	SU_TR	20.43	17.40
tblVehicleTrips	WD_TR	44.32	37.76

2.0 Emissions Summary

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.6760	3.0000e-005	3.1000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						
Energy	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003						
Mobile	1.6365	7.6766	17.1962	0.0563	4.6188	0.0482	4.6670	1.2357	0.0450	1.2807						
Total	2.3139	7.6899	17.2105	0.0564	4.6188	0.0492	4.6681	1.2357	0.0460	1.2817						

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.6760	3.0000e-005	3.1000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						
Energy	1.3600e-003	0.0124	0.0104	7.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004						
Mobile	1.3473	5.5674	9.9815	0.0259	1.8872	0.0240	1.9112	0.5049	0.0224	0.5273						
Total	2.0247	5.5799	9.9950	0.0260	1.8872	0.0249	1.9121	0.5049	0.0233	0.5282						

	ROG	NOx	CO	SO2	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	12.50	27.44	41.92	53.95	59.14	49.36	59.04	59.14	49.35	58.79	0.00	0.00	0.00	0.00	0.00	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

- Improve Walkability Design
- Increase Transit Accessibility
- Provide Traffic Calming Measures

Cheval Blanc - Existing Operations (Baseline)

	ROG	NOx	CO	SO2	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	1.3473	5.5674	9.9815	0.0259	1.8872	0.0240	1.9112	0.5049	0.0224	0.5273						
Unmitigated	1.6365	7.6766	17.1962	0.0563	4.6188	0.0482	4.6670	1.2357	0.0450	1.2807						

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Strip Mall	1,142.24	1,083.25	526.35	1,989,789	812,989
Total	1,142.24	1,083.25	526.35	1,989,789	812,989

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Strip Mall	0.551391	0.043400	0.201050	0.120272	0.016162	0.005864	0.021029	0.030512	0.002059	0.001866	0.004766	0.000706	0.000924

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.3600e-003	0.0124	0.0104	7.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004						
NaturalGas Unmitigated	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003						

5.2 Energy by Land Use - NaturalGas

Unmitigated

Cheval Blanc - Existing Operations (Baseline)

	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					
Strip Mall	135.9	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003						
Total		1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003						

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					
Strip Mall	0.12637	1.3600e-003	0.0124	0.0104	7.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004						
Total		1.3600e-003	0.0124	0.0104	7.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004						

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6760	3.0000e-005	3.1000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						
Unmitigated	0.6760	3.0000e-005	3.1000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0768					0.0000	0.0000		0.0000	0.0000						
Consumer Products	0.5989					0.0000	0.0000		0.0000	0.0000						
Landscaping	2.9000e-004	3.0000e-005	3.1000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						
Total	0.6760	3.0000e-005	3.1000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						

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	0.0768					0.0000	0.0000		0.0000	0.0000						
Consumer Products	0.5989					0.0000	0.0000		0.0000	0.0000						
Landscaping	2.9000e-004	3.0000e-005	3.1000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						
Total	0.6760	3.0000e-005	3.1000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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

Cheval Blanc - Existing Uses (Buildout Year) - South Coast Air Basin, Winter

Cheval Blanc - Existing Uses (Buildout Year)
South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Strip Mall	30.25	1000sqft	0.69	30,246.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11	Operational Year		2026	
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	364	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SoCal Edison 2019 Sustainability Report - Interpolated for Year 2026

Land Use - Existing Active Uses. Does not include vacant uses.

Construction Phase - See construction assumptions

Off-road Equipment -

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - see construction assumptions

Demolition -

Grading - see construction assumptions

Architectural Coating -

Vehicle Trips - See trip generation calculations

Area Coating -

Energy Use -

Mobile Land Use Mitigation - Metro D line approximately 0.5 miles

Energy Mitigation -

Water Mitigation -

Waste Mitigation - Beverly Hills Waste Diversion Rate

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	30,250.00	30,246.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	364
tblTripsAndVMT	HaulingTripNumber	135.00	0.00

Cheval Blanc - Existing Operations (Buildout Year)

tblTripsAndVMT	HaulingTripNumber	124.00	0.00
tblVehicleTrips	ST_TR	42.04	35.81
tblVehicleTrips	SU_TR	20.43	17.40
tblVehicleTrips	WD_TR	44.32	37.76

2.0 Emissions Summary

**2.2 Overall Operational
Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.6760	3.0000e-005	3.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						
Energy	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003						
Mobile	1.1870	5.5571	12.2215	0.0488	4.6178	0.0370	4.6548	1.2351	0.0343	1.2694						
Total	1.8645	5.5704	12.2358	0.0489	4.6178	0.0380	4.6558	1.2351	0.0354	1.2705						

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.6760	3.0000e-005	3.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						
Energy	1.3600e-003	0.0124	0.0104	7.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004						
Mobile	0.9736	4.3977	6.9700	0.0226	1.8868	0.0188	1.9055	0.5046	0.0174	0.5220						
Total	1.6509	4.4101	6.9835	0.0227	1.8868	0.0197	1.9065	0.5046	0.0183	0.5230						

	ROG	NOx	CO	SO2	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	11.45	20.83	42.93	53.59	59.14	48.19	59.05	59.14	48.13	58.84	0.00	0.00	0.00	0.00	0.00	0.00

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

- Improve Walkability Design
- Increase Transit Accessibility
- Provide Traffic Calming Measures

Cheval Blanc - Existing Operations (Buildout Year)

	ROG	NOx	CO	SO2	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	0.9736	4.3977	6.9700	0.0226	1.8868	0.0188	1.9055	0.5046	0.0174	0.5220						
Unmitigated	1.1870	5.5571	12.2215	0.0488	4.6178	0.0370	4.6548	1.2351	0.0343	1.2694						

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Strip Mall	1,142.24	1,083.25	526.35	1,989,789	812,989
Total	1,142.24	1,083.25	526.35	1,989,789	812,989

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Strip Mall	0.554129	0.042164	0.205182	0.113554	0.013848	0.005806	0.021992	0.033191	0.002140	0.001609	0.004858	0.000715	0.000811

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.3600e-003	0.0124	0.0104	7.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004						
NaturalGas Unmitigated	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003						

5.2 Energy by Land Use - NaturalGas

Unmitigated

Cheval Blanc - Existing Operations (Buildout Year)

	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					
Strip Mall	135.9	1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003						
Total		1.4700e-003	0.0133	0.0112	8.0000e-005		1.0100e-003	1.0100e-003		1.0100e-003	1.0100e-003						

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					
Strip Mall	0.12637	1.3600e-003	0.0124	0.0104	7.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004						
Total		1.3600e-003	0.0124	0.0104	7.0000e-005		9.4000e-004	9.4000e-004		9.4000e-004	9.4000e-004						

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.6760	3.0000e-005	3.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						
Unmitigated	0.6760	3.0000e-005	3.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0768					0.0000	0.0000		0.0000	0.0000						
Consumer Products	0.5989					0.0000	0.0000		0.0000	0.0000						
Landscaping	2.8000e-004	3.0000e-005	3.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						
Total	0.6760	3.0000e-005	3.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						

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	0.0768					0.0000	0.0000		0.0000	0.0000						
Consumer Products	0.5989					0.0000	0.0000		0.0000	0.0000						
Landscaping	2.8000e-004	3.0000e-005	3.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						
Total	0.6760	3.0000e-005	3.0800e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005						

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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
----------------	--------	-----------	------------	-------------	-------------	-----------

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Cheval Blanc - Construction and Operations - South Coast Air Basin, Winter

Cheval Blanc - Construction and Operations
South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	178.00	Space	1.60	71,200.00	0
Health Club	36.78	1000sqft	0.84	36,783.00	0
Hotel	115.00	Room	3.83	134,097.00	0
Quality Restaurant	25.09	1000sqft	0.58	25,094.00	0
Strip Mall	24.98	1000sqft	0.57	24,976.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	364	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SoCal Edison 2019 Sustainability Report - Interpolated for Year 2026

Land Use - Adjusted square footage of hotel to match plans

Construction Phase - See construction assumptions

Off-road Equipment - see assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - see construction assumptions

Trips and VMT - see assumptions

Demolition and Excavation would have up to 60 hauls per day = 120 trips per day

Demolition -

Grading - see construction assumptions

Architectural Coating -

Vehicle Trips - see trip generation

Area Coating -

Energy Use - see GHG parameters

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation - 521 daily employee trips. Assumes 2.1 trips per employee = 248 employees. 248 employees / 1.28 acres = 194 jobs/acre

Metro D line approximately 0.5 miles

Energy Mitigation -

Water Mitigation -

Waste Mitigation - Beverly Hills Waste Diversion Rate

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	132.00
tblConstructionPhase	NumDays	230.00	109.00
tblConstructionPhase	NumDays	230.00	49.00
tblConstructionPhase	NumDays	230.00	544.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	23.00
tblConstructionPhase	NumDays	20.00	32.00
tblConstructionPhase	NumDays	20.00	82.00
tblConstructionPhase	NumDays	20.00	66.00
tblEnergyUse	T24E	3.92	0.41
tblGrading	AcresOfGrading	0.00	41.00
tblGrading	MaterialExported	0.00	34,564.00
tblGrading	MaterialExported	0.00	90,356.00
tblLandUse	LandUseSquareFeet	36,780.00	36,783.00
tblLandUse	LandUseSquareFeet	166,980.00	134,097.00
tblLandUse	LandUseSquareFeet	25,090.00	25,094.00
tblLandUse	LandUseSquareFeet	24,980.00	24,976.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00

Cheval Blanc - Project Construction and Operations

tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	364
tblTripsAndVMT	HaulingTripNumber	135.00	0.00
tblTripsAndVMT	HaulingTripNumber	4,321.00	0.00
tblTripsAndVMT	HaulingTripNumber	124.00	0.00
tblTripsAndVMT	HaulingTripNumber	11,295.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	40.00
tblTripsAndVMT	VendorTripLength	6.90	40.00
tblTripsAndVMT	VendorTripLength	6.90	40.00
tblTripsAndVMT	VendorTripLength	6.90	40.00
tblTripsAndVMT	VendorTripLength	6.90	40.00
tblTripsAndVMT	VendorTripNumber	0.00	60.00
tblTripsAndVMT	VendorTripNumber	0.00	120.00
tblTripsAndVMT	VendorTripNumber	48.00	100.00
tblTripsAndVMT	VendorTripNumber	0.00	60.00
tblTripsAndVMT	VendorTripNumber	0.00	120.00
tblTripsAndVMT	VendorTripNumber	48.00	100.00
tblTripsAndVMT	VendorTripNumber	48.00	50.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblTripsAndVMT	WorkerTripNumber	25.00	136.00
tblTripsAndVMT	WorkerTripNumber	120.00	200.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblTripsAndVMT	WorkerTripNumber	25.00	136.00
tblTripsAndVMT	WorkerTripNumber	120.00	200.00
tblTripsAndVMT	WorkerTripNumber	120.00	650.00
tblTripsAndVMT	WorkerTripNumber	24.00	300.00
tblTripsAndVMT	WorkerTripNumber	10.00	50.00
tblVehicleTrips	ST_TR	20.87	6.34
tblVehicleTrips	ST_TR	8.19	8.38
tblVehicleTrips	ST_TR	94.36	87.96
tblVehicleTrips	ST_TR	42.04	35.81
tblVehicleTrips	SU_TR	26.73	8.12
tblVehicleTrips	SU_TR	5.95	6.09
tblVehicleTrips	SU_TR	72.16	67.26
tblVehicleTrips	SU_TR	20.43	17.40
tblVehicleTrips	WD_TR	32.93	10.00
tblVehicleTrips	WD_TR	8.17	8.36

Cheval Blanc - Project Construction and Operations

tblVehicleTrips	WD_TR	89.95	83.84
tblVehicleTrips	WD_TR	44.32	37.76

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	4.8044	74.0168	43.3269	0.2416	5.8316	1.3329	7.1645	1.5693	1.2573	2.8266						
2023	6.8571	79.2318	69.9809	0.3179	9.2038	1.8286	11.0324	2.3854	1.7328	4.1183						
2024	4.4329	20.5893	38.4408	0.1072	7.5854	0.7368	8.3222	2.0189	0.7060	2.7249						
2025	22.2710	31.6565	58.6421	0.1638	11.7535	1.1322	12.8858	3.1302	1.0752	4.2053						
Maximum	22.2710	79.2318	69.9809	0.3179	11.7535	1.8286	12.8858	3.1302	1.7328	4.2053						

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	4.8044	74.0168	43.3269	0.2416	5.7571	1.3329	7.0900	1.5581	1.2573	2.8154						
2023	6.8571	79.2318	69.9809	0.3179	8.8043	1.8286	10.6330	2.3390	1.7328	4.0718						
2024	4.4329	20.5893	38.4408	0.1072	7.5854	0.7368	8.3222	2.0189	0.7060	2.7249						
2025	22.2710	31.6565	58.6421	0.1638	11.7535	1.1322	12.8858	3.1302	1.0752	4.2053						
Maximum	22.2710	79.2318	69.9809	0.3179	11.7535	1.8286	12.8858	3.1302	1.7328	4.2053						

	ROG	NOx	CO	SO2	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	1.38	0.00	1.20	0.63	0.00	0.42	0.00	0.00	0.00	0.00	0.00	0.00

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.9702	3.5000e-004	0.0387	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004						
Energy	0.2870	2.6089	2.1915	0.0157		0.1983	0.1983		0.1983	0.1983						

Cheval Blanc - Project Construction and Operations

Mobile	4.5737	21.3488	45.8921	0.1812	17.0471	0.1380	17.1851	4.5595	0.1281	4.6876							
Stationary	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362							
Total	10.0770	24.6461	48.7499	0.1981	17.0471	0.3726	17.4197	4.5595	0.3627	4.9222							

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	4.9702	3.5000e-004	0.0387	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004							
Energy	0.2743	2.4940	2.0949	0.0150		0.1895	0.1895		0.1895	0.1895							
Mobile	3.6843	16.5182	24.0118	0.0721	5.6682	0.0620	5.7302	1.5160	0.0575	1.5735							
Stationary	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362							
Total	9.1749	19.7005	26.7731	0.0883	5.6682	0.2879	5.9560	1.5160	0.2834	1.7994							

	ROG	NOx	CO	SO2	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	8.95	20.07	45.08	55.44	66.75	22.74	65.81	66.75	21.88	63.44	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	Phase 1 - Demolition	Demolition	11/1/2022	11/30/2022	5	22	
2	Phase 1 - Grading	Grading	12/1/2022	1/15/2023	5	32	
3	Phase 1 - Building Construction	Building Construction	1/16/2023	6/15/2023	5	109	
4	Phase 2 - Demolition	Demolition	5/1/2023	5/31/2023	5	23	
5	Phase 2 - Excavation	Grading	6/1/2023	9/23/2023	5	82	
6	Phase 2 - Garage Construction	Building Construction	9/24/2023	11/30/2023	5	49	
7	Phase 2 - Hotel Construction	Building Construction	12/1/2023	12/31/2025	5	544	
8	Architectural Coatings	Architectural Coating	7/1/2025	12/31/2025	5	132	
9	Paving	Paving	10/1/2025	12/31/2025	5	66	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1.6

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 331,424; Non-Residential Outdoor: 110,475; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase 1 - Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 1 - Demolition	Excavators	2	8.00	158	0.38
Phase 1 - Demolition	Paving Equipment	2	8.00	132	0.36

Cheval Blanc - Project Construction and Operations

Phase 1 - Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Phase 1 - Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Phase 1 - Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 1 - Grading	Bore/Drill Rigs	2	8.00	221	0.50
Phase 1 - Grading	Cranes	2	8.00	231	0.29
Phase 1 - Grading	Excavators	2	8.00	158	0.38
Phase 1 - Grading	Graders	0	8.00	187	0.41
Phase 1 - Grading	Pumps	2	8.00	84	0.74
Phase 1 - Grading	Rubber Tired Dozers	0	8.00	247	0.40
Phase 1 - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase 1 - Building Construction	Aerial Lifts	2	8.00	63	0.31
Phase 1 - Building Construction	Cranes	1	8.00	231	0.29
Phase 1 - Building Construction	Forklifts	0	8.00	89	0.20
Phase 1 - Building Construction	Generator Sets	0	8.00	84	0.74
Phase 1 - Building Construction	Pumps	2	8.00	84	0.74
Phase 1 - Building Construction	Rough Terrain Forklifts	1	8.00	100	0.40
Phase 1 - Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase 1 - Building Construction	Welders	1	8.00	46	0.45
Phase 2 - Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 2 - Demolition	Excavators	2	8.00	158	0.38
Phase 2 - Demolition	Paving Equipment	2	8.00	132	0.36
Phase 2 - Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Phase 2 - Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Phase 2 - Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 2 - Excavation	Bore/Drill Rigs	2	8.00	221	0.50
Phase 2 - Excavation	Cranes	2	8.00	231	0.29
Phase 2 - Excavation	Excavators	2	8.00	158	0.38
Phase 2 - Excavation	Graders	0	8.00	187	0.41
Phase 2 - Excavation	Pumps	2	8.00	84	0.74
Phase 2 - Excavation	Rubber Tired Dozers	0	8.00	247	0.40
Phase 2 - Excavation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase 2 - Garage Construction	Aerial Lifts	2	8.00	63	0.31
Phase 2 - Garage Construction	Cranes	1	8.00	231	0.29
Phase 2 - Garage Construction	Forklifts	0	8.00	89	0.20
Phase 2 - Garage Construction	Generator Sets	0	8.00	84	0.74
Phase 2 - Garage Construction	Pumps	2	8.00	84	0.74
Phase 2 - Garage Construction	Rough Terrain Forklifts	1	8.00	100	0.40
Phase 2 - Garage Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase 2 - Garage Construction	Welders	1	8.00	46	0.45
Phase 2 - Hotel Construction	Aerial Lifts	2	8.00	63	0.31
Phase 2 - Hotel Construction	Air Compressors	1	8.00	78	0.48
Phase 2 - Hotel Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 2 - Hotel Construction	Cranes	1	8.00	231	0.29
Phase 2 - Hotel Construction	Forklifts	2	8.00	89	0.20
Phase 2 - Hotel Construction	Generator Sets	1	8.00	84	0.74
Phase 2 - Hotel Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 2 - Hotel Construction	Welders	1	8.00	46	0.45
Architectural Coatings	Aerial Lifts	1	8.00	63	0.31

Cheval Blanc - Project Construction and Operations

Architectural Coatings	Air Compressors	2	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Paving	Trenchers	1	8.00	78	0.50

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
Phase 1 - Demolition	7	50.00	60.00	0.00	14.70	40.00	20.00	LD_Mix	HHDT	HHDT
Phase 1 - Grading	10	136.00	120.00	0.00	14.70	40.00	20.00	LD_Mix	HHDT	HHDT
Phase 1 - Building Construction	9	200.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Phase 2 - Demolition	7	50.00	60.00	0.00	14.70	40.00	20.00	LD_Mix	HHDT	HHDT
Phase 2 - Excavation	10	136.00	120.00	0.00	14.70	40.00	20.00	LD_Mix	HHDT	HHDT
Phase 2 - Garage Construction	9	200.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Phase 2 - Hotel Construction	10	650.00	50.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coatings	3	300.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	4	50.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Phase 1 - Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.3256	0.0000	1.3256	0.2007	0.0000	0.2007						
Off-Road	1.5751	14.5311	19.0361	0.0341		0.6831	0.6831		0.6405	0.6405						
Total	1.5751	14.5311	19.0361	0.0341	1.3256	0.6831	2.0087	0.2007	0.6405	0.8412						

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						
Vendor	0.7911	23.9522	6.3716	0.0839	2.0946	0.0828	2.1775	0.5738	0.0792	0.6531						
Worker	0.2169	0.1354	1.5687	5.0200e-003	0.5589	4.0200e-003	0.5629	0.1482	3.7000e-003	0.1519						
Total	1.0080	24.0875	7.9403	0.0889	2.6535	0.0868	2.7404	0.7221	0.0829	0.8050						

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					0.5170	0.0000	0.5170	0.0783	0.0000	0.0783							
Off-Road	1.5751	14.5311	19.0361	0.0341		0.6831	0.6831		0.6405	0.6405							
Total	1.5751	14.5311	19.0361	0.0341	0.5170	0.6831	1.2001	0.0783	0.6405	0.7188							

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							
Vendor	0.7911	23.9522	6.3716	0.0839	2.0946	0.0828	2.1775	0.5738	0.0792	0.6531							
Worker	0.2169	0.1354	1.5687	5.0200e-003	0.5589	4.0200e-003	0.5629	0.1482	3.7000e-003	0.1519							
Total	1.0080	24.0875	7.9403	0.0889	2.6535	0.0868	2.7404	0.7221	0.0829	0.8050							

3.3 Phase 1 - Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					0.1222	0.0000	0.1222	0.0185	0.0000	0.0185							
Off-Road	2.6323	25.7443	26.3168	0.0601		1.1564	1.1564		1.0888	1.0888							
Total	2.6323	25.7443	26.3168	0.0601	0.1222	1.1564	1.2785	0.0185	1.0888	1.1073							

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							
Vendor	1.5823	47.9043	12.7433	0.1679	4.1893	0.1656	4.3549	1.1477	0.1584	1.3061							

Cheval Blanc - Project Construction and Operations

Worker	0.5899	0.3682	4.2668	0.0137	1.5202	0.0109	1.5311	0.4032	0.0101	0.4132						
Total	2.1722	48.2725	17.0101	0.1815	5.7095	0.1765	5.8860	1.5508	0.1685	1.7194						

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					0.0476	0.0000	0.0476	7.2100e-003	0.0000	7.2100e-003						
Off-Road	2.6323	25.7443	26.3168	0.0601		1.1564	1.1564		1.0888	1.0888						
Total	2.6323	25.7443	26.3168	0.0601	0.0476	1.1564	1.2040	7.2100e-003	1.0888	1.0960						

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						
Vendor	1.5823	47.9043	12.7433	0.1679	4.1893	0.1656	4.3549	1.1477	0.1584	1.3061						
Worker	0.5899	0.3682	4.2668	0.0137	1.5202	0.0109	1.5311	0.4032	0.0101	0.4132						
Total	2.1722	48.2725	17.0101	0.1815	5.7095	0.1765	5.8860	1.5508	0.1685	1.7194						

3.3 Phase 1 - Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1222	0.0000	0.1222	0.0185	0.0000	0.0185						
Off-Road	2.4688	23.3845	26.1633	0.0602		1.0237	1.0237		0.9634	0.9634						
Total	2.4688	23.3845	26.1633	0.0602	0.1222	1.0237	1.1458	0.0185	0.9634	0.9819						

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					

Cheval Blanc - Project Construction and Operations

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000						
Vendor	1.0320	28.5916	11.5655	0.1607	4.1893	0.0676	4.2568	1.1477	0.0646	1.2123						
Worker	0.5564	0.3331	3.9328	0.0131	1.5202	0.0106	1.5308	0.4032	9.8000e-003	0.4130						
Total	1.5883	28.9247	15.4983	0.1738	5.7094	0.0782	5.7876	1.5508	0.0744	1.6253						

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					0.0476	0.0000	0.0476	7.2100e-003	0.0000	7.2100e-003						
Off-Road	2.4688	23.3845	26.1633	0.0602		1.0237	1.0237		0.9634	0.9634						
Total	2.4688	23.3845	26.1633	0.0602	0.0476	1.0237	1.0713	7.2100e-003	0.9634	0.9706						

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						
Vendor	1.0320	28.5916	11.5655	0.1607	4.1893	0.0676	4.2568	1.1477	0.0646	1.2123						
Worker	0.5564	0.3331	3.9328	0.0131	1.5202	0.0106	1.5308	0.4032	9.8000e-003	0.4130						
Total	1.5883	28.9247	15.4983	0.1738	5.7094	0.0782	5.7876	1.5508	0.0744	1.6253						

3.4 Phase 1 - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7392	16.2790	19.8969	0.0345		0.6992	0.6992		0.6692	0.6692						
Total	1.7392	16.2790	19.8969	0.0345		0.6992	0.6992		0.6692	0.6692						

Unmitigated Construction Off-Site

Cheval Blanc - Project Construction and Operations

	ROG	NOx	CO	SO2	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						
Vendor	0.2427	10.1539	2.6389	0.0301	0.6040	0.0120	0.6159	0.1656	0.0114	0.1771						
Worker	0.8182	0.4898	5.7835	0.0193	2.2355	0.0157	2.2512	0.5929	0.0144	0.6073						
Total	1.0609	10.6437	8.4224	0.0494	2.8395	0.0276	2.8671	0.7585	0.0259	0.7843						

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	1.7392	16.2790	19.8969	0.0345		0.6992	0.6992		0.6692	0.6692						
Total	1.7392	16.2790	19.8969	0.0345		0.6992	0.6992		0.6692	0.6692						

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						
Vendor	0.2427	10.1539	2.6389	0.0301	0.6040	0.0120	0.6159	0.1656	0.0114	0.1771						
Worker	0.8182	0.4898	5.7835	0.0193	2.2355	0.0157	2.2512	0.5929	0.0144	0.6073						
Total	1.0609	10.6437	8.4224	0.0494	2.8395	0.0276	2.8671	0.7585	0.0259	0.7843						

3.5 Phase 2 - Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.1624	0.0000	1.1624	0.1760	0.0000	0.1760						
Off-Road	1.4744	13.0777	19.0275	0.0341		0.6005	0.6005		0.5627	0.5627						
Total	1.4744	13.0777	19.0275	0.0341	1.1624	0.6005	1.7629	0.1760	0.5627	0.7387						

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						
Vendor	0.5160	14.2958	5.7828	0.0803	2.0946	0.0338	2.1284	0.5738	0.0323	0.6062						
Worker	0.2046	0.1225	1.4459	4.8300e-003	0.5589	3.9100e-003	0.5628	0.1482	3.6000e-003	0.1518						
Total	0.7205	14.4182	7.2286	0.0852	2.6535	0.0377	2.6912	0.7221	0.0359	0.7580						

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					0.4533	0.0000	0.4533	0.0686	0.0000	0.0686						
Off-Road	1.4744	13.0777	19.0275	0.0341		0.6005	0.6005		0.5627	0.5627						
Total	1.4744	13.0777	19.0275	0.0341	0.4533	0.6005	1.0538	0.0686	0.5627	0.6314						

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						
Vendor	0.5160	14.2958	5.7828	0.0803	2.0946	0.0338	2.1284	0.5738	0.0323	0.6062						
Worker	0.2046	0.1225	1.4459	4.8300e-003	0.5589	3.9100e-003	0.5628	0.1482	3.6000e-003	0.1518						
Total	0.7205	14.4182	7.2286	0.0852	2.6535	0.0377	2.6912	0.7221	0.0359	0.7580						

3.6 Phase 2 - Excavation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6549	0.0000	0.6549	0.0761	0.0000	0.0761						
Off-Road	2.4688	23.3845	26.1633	0.0602		1.0237	1.0237		0.9634	0.9634						

Cheval Blanc - Project Construction and Operations

Total	2.4688	23.3845	26.1633	0.0602	0.6549	1.0237	1.6785	0.0761	0.9634	1.0395						
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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						
Vendor	1.0320	28.5916	11.5655	0.1607	4.1893	0.0676	4.2568	1.1477	0.0646	1.2123						
Worker	0.5564	0.3331	3.9328	0.0131	1.5202	0.0106	1.5308	0.4032	9.8000e-003	0.4130						
Total	1.5883	28.9247	15.4983	0.1738	5.7094	0.0782	5.7876	1.5508	0.0744	1.6253						

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					0.2554	0.0000	0.2554	0.0297	0.0000	0.0297						
Off-Road	2.4688	23.3845	26.1633	0.0602		1.0237	1.0237		0.9634	0.9634						
Total	2.4688	23.3845	26.1633	0.0602	0.2554	1.0237	1.2791	0.0297	0.9634	0.9930						

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						
Vendor	1.0320	28.5916	11.5655	0.1607	4.1893	0.0676	4.2568	1.1477	0.0646	1.2123						
Worker	0.5564	0.3331	3.9328	0.0131	1.5202	0.0106	1.5308	0.4032	9.8000e-003	0.4130						
Total	1.5883	28.9247	15.4983	0.1738	5.7094	0.0782	5.7876	1.5508	0.0744	1.6253						

3.7 Phase 2 - Garage Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Cheval Blanc - Project Construction and Operations

Off-Road	1.7392	16.2790	19.8969	0.0345		0.6992	0.6992		0.6692	0.6692						
Total	1.7392	16.2790	19.8969	0.0345		0.6992	0.6992		0.6692	0.6692						

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						
Vendor	0.2427	10.1539	2.6389	0.0301	0.6040	0.0120	0.6159	0.1656	0.0114	0.1771						
Worker	0.8182	0.4898	5.7835	0.0193	2.2355	0.0157	2.2512	0.5929	0.0144	0.6073						
Total	1.0609	10.6437	8.4224	0.0494	2.8395	0.0276	2.8671	0.7585	0.0259	0.7843						

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	1.7392	16.2790	19.8969	0.0345		0.6992	0.6992		0.6692	0.6692						
Total	1.7392	16.2790	19.8969	0.0345		0.6992	0.6992		0.6692	0.6692						

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						
Vendor	0.2427	10.1539	2.6389	0.0301	0.6040	0.0120	0.6159	0.1656	0.0114	0.1771						
Worker	0.8182	0.4898	5.7835	0.0193	2.2355	0.0157	2.2512	0.5929	0.0144	0.6073						
Total	1.0609	10.6437	8.4224	0.0494	2.8395	0.0276	2.8671	0.7585	0.0259	0.7843						

3.8 Phase 2 - Hotel Construction - 2023

Unmitigated Construction On-Site

Cheval Blanc - Project Construction and Operations

	ROG	NOx	CO	SO2	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	1.9267	16.7947	19.9588	0.0347		0.7783	0.7783		0.7485	0.7485						
Total	1.9267	16.7947	19.9588	0.0347		0.7783	0.7783		0.7485	0.7485						

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						
Vendor	0.1030	3.4103	1.0856	0.0118	0.3199	4.1300e-003	0.3241	0.0921	3.9400e-003	0.0961						
Worker	2.6591	1.5920	18.7963	0.0628	7.2655	0.0509	7.3163	1.9268	0.0468	1.9737						
Total	2.7621	5.0022	19.8819	0.0746	7.5854	0.0550	7.6404	2.0189	0.0508	2.0697						

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	1.9267	16.7947	19.9588	0.0347		0.7783	0.7783		0.7485	0.7485						
Total	1.9267	16.7947	19.9588	0.0347		0.7783	0.7783		0.7485	0.7485						

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						
Vendor	0.1030	3.4103	1.0856	0.0118	0.3199	4.1300e-003	0.3241	0.0921	3.9400e-003	0.0961						
Worker	2.6591	1.5920	18.7963	0.0628	7.2655	0.0509	7.3163	1.9268	0.0468	1.9737						
Total	2.7621	5.0022	19.8819	0.0746	7.5854	0.0550	7.6404	2.0189	0.0508	2.0697						

3.8 Phase 2 - Hotel Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8081	15.7368	19.8656	0.0347		0.6825	0.6825		0.6559	0.6559						
Total	1.8081	15.7368	19.8656	0.0347		0.6825	0.6825		0.6559	0.6559						

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						
Vendor	0.1007	3.4023	1.0547	0.0118	0.3199	4.0600e-003	0.3240	0.0921	3.8800e-003	0.0960						
Worker	2.5242	1.4503	17.5204	0.0607	7.2655	0.0502	7.3157	1.9268	0.0462	1.9730						
Total	2.6248	4.8525	18.5751	0.0725	7.5854	0.0542	7.6397	2.0189	0.0501	2.0690						

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	1.8081	15.7368	19.8656	0.0347		0.6825	0.6825		0.6559	0.6559						
Total	1.8081	15.7368	19.8656	0.0347		0.6825	0.6825		0.6559	0.6559						

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						
Vendor	0.1007	3.4023	1.0547	0.0118	0.3199	4.0600e-003	0.3240	0.0921	3.8800e-003	0.0960						
Worker	2.5242	1.4503	17.5204	0.0607	7.2655	0.0502	7.3157	1.9268	0.0462	1.9730						

Total	2.6248	4.8525	18.5751	0.0725	7.5854	0.0542	7.6397	2.0189	0.0501	2.0690						
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3.8 Phase 2 - Hotel Construction - 2025

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	1.6959	14.7150	19.7838	0.0347		0.5920	0.5920		0.5684	0.5684						
Total	1.6959	14.7150	19.7838	0.0347		0.5920	0.5920		0.5684	0.5684						

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						
Vendor	0.0981	3.3727	1.0279	0.0117	0.3199	3.9600e-003	0.3239	0.0921	3.8100e-003	0.0959						
Worker	2.4047	1.3260	16.2686	0.0583	7.2655	0.0492	7.3147	1.9268	0.0453	1.9721						
Total	2.5028	4.6987	17.2965	0.0700	7.5854	0.0532	7.6386	2.0189	0.0491	2.0681						

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	1.6959	14.7150	19.7838	0.0347		0.5920	0.5920		0.5684	0.5684						
Total	1.6959	14.7150	19.7838	0.0347		0.5920	0.5920		0.5684	0.5684						

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						

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Vendor	0.0981	3.3727	1.0279	0.0117	0.3199	3.9800e-003	0.3239	0.0921	3.8100e-003	0.0959						
Worker	2.4047	1.3260	16.2686	0.0583	7.2655	0.0432	7.3147	1.9268	0.0453	1.9721						
Total	2.5028	4.6987	17.2965	0.0700	7.5854	0.0532	7.6386	2.0189	0.0491	2.0681						

3.9 Architectural Coatings - 2025

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	15.6667					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.3758	2.8114	4.7093	7.6200e-003		0.1119	0.1119		0.1112	0.1112						
Total	16.0424	2.8114	4.7093	7.6200e-003		0.1119	0.1119		0.1112	0.1112						

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						
Vendor	0.0392	1.3491	0.4112	4.6700e-003	0.1280	1.5900e-003	0.1296	0.0368	1.5200e-003	0.0384						
Worker	1.1099	0.6120	7.5086	0.0269	3.3533	0.0227	3.3760	0.8893	0.0209	0.9102						
Total	1.1491	1.9611	7.9197	0.0316	3.4813	0.0243	3.5056	0.9262	0.0224	0.9486						

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	15.6667					0.0000	0.0000		0.0000	0.0000						
Off-Road	0.3758	2.8114	4.7093	7.6200e-003		0.1119	0.1119		0.1112	0.1112						
Total	16.0424	2.8114	4.7093	7.6200e-003		0.1119	0.1119		0.1112	0.1112						

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
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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						
Vendor	0.0392	1.3491	0.4112	4.6700e-003	0.1280	1.5900e-003	0.1296	0.0368	1.5200e-003	0.0384							
Worker	1.1099	0.6120	7.5086	0.0269	3.3533	0.0227	3.3760	0.8893	0.0209	0.9102							
Total	1.1491	1.9611	7.9197	0.0316	3.4813	0.0243	3.5056	0.9262	0.0224	0.9486							

3.10 Paving - 2025

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	0.6565	6.0192	7.2702	0.0108		0.3455	0.3455		0.3190	0.3190						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.6565	6.0192	7.2702	0.0108		0.3455	0.3455		0.3190	0.3190						

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						
Vendor	0.0392	1.3491	0.4112	4.6700e-003	0.1280	1.5900e-003	0.1296	0.0368	1.5200e-003	0.0384						
Worker	0.1850	0.1020	1.2514	4.4900e-003	0.5589	3.7900e-003	0.5627	0.1482	3.4800e-003	0.1517						
Total	0.2242	1.4511	1.6626	9.1600e-003	0.6869	5.3800e-003	0.6922	0.1851	5.0000e-003	0.1901						

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	0.6565	6.0192	7.2702	0.0108		0.3455	0.3455		0.3190	0.3190						
Paving	0.0000					0.0000	0.0000		0.0000	0.0000						
Total	0.6565	6.0192	7.2702	0.0108		0.3455	0.3455		0.3190	0.3190						

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						
Vendor	0.0392	1.3491	0.4112	4.6700e-003	0.1280	1.5900e-003	0.1296	0.0368	1.5200e-003	0.0384						
Worker	0.1850	0.1020	1.2514	4.4900e-003	0.5589	3.7900e-003	0.5627	0.1482	3.4800e-003	0.1517						
Total	0.2242	1.4511	1.6626	9.1600e-003	0.6869	5.3800e-003	0.6922	0.1851	5.0000e-003	0.1901						

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

- Increase Density
- Increase Diversity
- Improve Walkability Design
- Increase Transit Accessibility
- Improve Pedestrian Network
- Provide Traffic Calming Measures

	ROG	NOx	CO	SO2	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	3.6843	16.5182	24.0118	0.0721	5.6682	0.0620	5.7302	1.5160	0.0575	1.5735						
Unmitigated	4.5737	21.3488	45.8921	0.1812	17.0471	0.1380	17.1851	4.5595	0.1281	4.6876						

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Health Club	367.80	233.19	298.65	724,383	240,857
Hotel	961.40	963.70	700.35	2,205,862	733,449
Quality Restaurant	2,103.55	2,206.92	1687.55	2,931,094	974,589
Strip Mall	943.24	894.53	434.65	1,643,138	546,343
Total	4,375.99	4,298.34	3,121.21	7,504,477	2,495,239

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
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Health Club	16.60	8.40	6.90	16.90	64.10	19.00	52	39	9
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44

Cheval Blanc - Project Construction and Operations

Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15
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4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.554129	0.042164	0.205182	0.113554	0.013848	0.005806	0.021992	0.033191	0.002140	0.001609	0.004858	0.000715	0.000811
Health Club	0.554129	0.042164	0.205182	0.113554	0.013848	0.005806	0.021992	0.033191	0.002140	0.001609	0.004858	0.000715	0.000811
Hotel	0.554129	0.042164	0.205182	0.113554	0.013848	0.005806	0.021992	0.033191	0.002140	0.001609	0.004858	0.000715	0.000811
Quality Restaurant	0.554129	0.042164	0.205182	0.113554	0.013848	0.005806	0.021992	0.033191	0.002140	0.001609	0.004858	0.000715	0.000811
Strip Mall	0.554129	0.042164	0.205182	0.113554	0.013848	0.005806	0.021992	0.033191	0.002140	0.001609	0.004858	0.000715	0.000811

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.2743	2.4940	2.0949	0.0150		0.1895	0.1895		0.1895	0.1895						
NaturalGas Unmitigated	0.2870	2.6089	2.1915	0.0157		0.1983	0.1983		0.1983	0.1983						

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Health Club	1824.03	0.0197	0.1788	0.1502	1.0700e-003		0.0136	0.0136		0.0136	0.0136						
Hotel	8809.92	0.0950	0.8637	0.7255	5.1800e-003		0.0656	0.0656		0.0656	0.0656						
Quality Restaurant	15864.9	0.1711	1.5554	1.3065	9.3300e-003		0.1182	0.1182		0.1182	0.1182						
Strip Mall	112.221	1.2100e-003	0.0110	9.2400e-003	7.0000e-005		8.4000e-004	8.4000e-004		8.4000e-004	8.4000e-004						
Total		0.2870	2.6089	2.1915	0.0157		0.1983	0.1983		0.1983	0.1983						

Mitigated

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	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					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000						
Health Club	1.68648	0.0182	0.1653	0.1389	9.9000e-004		0.0126	0.0126		0.0126	0.0126						
Hotel	8.07809	0.0871	0.7920	0.6653	4.7500e-003		0.0602	0.0602		0.0602	0.0602						
Quality Restaurant	15.5694	0.1679	1.5264	1.2822	9.1600e-003		0.1160	0.1160		0.1160	0.1160						
Strip Mall	0.104352	1.1300e-003	0.0102	8.5900e-003	6.0000e-005		7.8000e-004	7.8000e-004		7.8000e-004	7.8000e-004						
Total		0.2744	2.4940	2.0949	0.0150		0.1896	0.1896		0.1896	0.1896						

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.9702	3.5000e-004	0.0387	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004						
Unmitigated	4.9702	3.5000e-004	0.0387	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004						

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	0.5666					0.0000	0.0000		0.0000	0.0000						
Consumer Products	4.4000					0.0000	0.0000		0.0000	0.0000						
Landscaping	3.5600e-003	3.5000e-004	0.0387	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004						
Total	4.9702	3.5000e-004	0.0387	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004						

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	0.5666				0.0000	0.0000		0.0000	0.0000						
Consumer Products	4.4000				0.0000	0.0000		0.0000	0.0000						
Landscaping	3.5600e-003	3.5000e-004	0.0387	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004					
Total	4.9702	3.5000e-004	0.0387	0.0000		1.4000e-004	1.4000e-004		1.4000e-004	1.4000e-004					

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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
Emergency Generator	1	0.5	12	300	0.73	Diesel

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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10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Equipment Type	lb/day										lb/day					
Emergency Generator - Diesel (200 - 200 HP)	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362						
Total	0.2462	0.6880	0.6277	1.1800e-003		0.0362	0.0362		0.0362	0.0362						

11.0 Vegetation

Cheval Blanc - Construction Onsite - South Coast Air Basin, Winter

Cheval Blanc - Construction Onsite
South Coast Air Basin, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	178.00	Space	1.60	71,200.00	0
Health Club	36.78	1000sqft	0.84	36,783.00	0
Hotel	115.00	Room	3.83	134,097.00	0
Quality Restaurant	25.09	1000sqft	0.58	25,094.00	0
Strip Mall	24.98	1000sqft	0.57	24,976.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	364	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SoCal Edison 2019 Sustainability Report - Interpolated for Year 2026

Land Use - Adjusted square footage of hotel to match plans

Construction Phase - See construction assumptions

Off-road Equipment - see assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - see construction assumptions

Trips and VMT - see assumptions

Demolition and Excavation would have up to 60 hours per day = 120 trips per day

Demolition -

Grading - see construction assumptions

Architectural Coating -

Vehicle Trips - see trip generation

Area Coating -

Energy Use - see GHG parameters

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation - 521 daily employee trips. Assumes 2.1 trips per employee = 248 employees. 248 employees / 1.28 acres = 194 jobs/acre

Motor Vehicle Mitigation - 0.5 miles

Energy Mitigation -

Water Mitigation -

Waste Mitigation - LA County Waste Diversion Rate

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	132.00
tblConstructionPhase	NumDays	230.00	109.00
tblConstructionPhase	NumDays	230.00	49.00
tblConstructionPhase	NumDays	230.00	544.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	23.00
tblConstructionPhase	NumDays	20.00	32.00
tblConstructionPhase	NumDays	20.00	82.00
tblConstructionPhase	NumDays	20.00	66.00
tblEnergyUse	T24E	3.92	0.41
tblGrading	AcresOfGrading	0.00	41.00
tblGrading	MaterialExported	0.00	34,564.00
tblGrading	MaterialExported	0.00	90,356.00
tblLandUse	LandUseSquareFeet	36,780.00	36,783.00
tblLandUse	LandUseSquareFeet	166,980.00	134,097.00
tblLandUse	LandUseSquareFeet	25,090.00	25,094.00
tblLandUse	LandUseSquareFeet	24,980.00	24,976.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

Cheval Blanc - Construction Onsite

tblTripsAndVMT	WorkerTripLength	14.70	0.00
tblTripsAndVMT	WorkerTripLength	14.70	0.00
tblTripsAndVMT	WorkerTripLength	14.70	0.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblTripsAndVMT	WorkerTripNumber	25.00	136.00
tblTripsAndVMT	WorkerTripNumber	120.00	200.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblTripsAndVMT	WorkerTripNumber	25.00	136.00
tblTripsAndVMT	WorkerTripNumber	120.00	200.00
tblTripsAndVMT	WorkerTripNumber	120.00	650.00
tblTripsAndVMT	WorkerTripNumber	24.00	300.00
tblTripsAndVMT	WorkerTripNumber	10.00	50.00
tblVehicleTrips	ST_TR	20.87	6.34
tblVehicleTrips	ST_TR	8.19	8.38
tblVehicleTrips	ST_TR	94.36	87.96
tblVehicleTrips	ST_TR	42.04	35.81
tblVehicleTrips	SU_TR	26.73	8.12
tblVehicleTrips	SU_TR	5.95	6.09
tblVehicleTrips	SU_TR	72.16	67.26
tblVehicleTrips	SU_TR	20.43	17.40
tblVehicleTrips	WD_TR	32.93	10.00
tblVehicleTrips	WD_TR	8.17	8.36
tblVehicleTrips	WD_TR	89.95	83.84
tblVehicleTrips	WD_TR	44.32	37.76

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	2.9457	36.1273	28.5433	0.0711	1.3274	1.1619	2.0131	0.2014	1.0941	1.1140						
2023	4.7253	55.8036	49.8037	0.1140	1.1682	1.7308	2.4738	0.1782	1.6402	1.7193						
2024	2.3331	18.2865	22.4777	0.0382	7.7200e-003	0.6871	0.6948	3.0600e-003	0.6601	0.6632						
2025	19.1599	28.0644	35.6315	0.0590	0.0122	1.0564	1.0686	4.8500e-003	1.0051	1.0099						
Maximum	19.1599	55.8036	49.8037	0.1140	1.3274	1.7308	2.4738	0.2014	1.6402	1.7193						

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Cheval Blanc - Construction Onsite

Year	lb/day										lb/day					
2022	2.9457	36.1273	28.5433	0.0711	0.5188	1.1619	1.2134	0.0789	1.0941	1.1027						
2023	4.7253	55.8036	49.8037	0.1140	0.4592	1.7308	1.9942	0.0709	1.6402	1.6729						
2024	2.3331	18.2865	22.4777	0.0382	7.7200e-003	0.6871	0.6948	3.0600e-003	0.6601	0.6632						
2025	19.1599	28.0644	35.6315	0.0590	0.0122	1.0564	1.0686	4.8500e-003	1.0051	1.0099						
Maximum	19.1599	55.8036	49.8037	0.1140	0.5188	1.7308	1.9942	0.0789	1.6402	1.6729						
	ROG	NOx	CO	SO2	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	60.33	0.00	20.47	59.30	0.00	1.28	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	Phase 1 - Demolition	Demolition	11/1/2022	11/30/2022	5	22	
2	Phase 1 - Grading	Grading	12/1/2022	1/15/2023	5	32	
3	Phase 1 - Building Construction	Building Construction	1/16/2023	6/15/2023	5	109	
4	Phase 2 - Demolition	Demolition	5/1/2023	5/31/2023	5	23	
5	Phase 2 - Excavation	Grading	6/1/2023	9/23/2023	5	82	
6	Phase 2 - Garage Construction	Building Construction	9/24/2023	11/30/2023	5	49	
7	Phase 2 - Hotel Construction	Building Construction	12/1/2023	12/31/2025	5	544	
8	Architectural Coatings	Architectural Coating	7/1/2025	12/31/2025	5	132	
9	Paving	Paving	10/1/2025	12/31/2025	5	66	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1.6

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 331,424; Non-Residential Outdoor: 110,475; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase 1 - Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 1 - Demolition	Excavators	2	8.00	158	0.38
Phase 1 - Demolition	Paving Equipment	2	8.00	132	0.36
Phase 1 - Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Phase 1 - Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Phase 1 - Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 1 - Grading	Bore/Drill Rigs	2	8.00	221	0.50
Phase 1 - Grading	Cranes	2	8.00	231	0.29
Phase 1 - Grading	Excavators	2	8.00	158	0.38
Phase 1 - Grading	Graders	0	8.00	187	0.41
Phase 1 - Grading	Pumps	2	8.00	84	0.74
Phase 1 - Grading	Rubber Tired Dozers	0	8.00	247	0.40

Cheval Blanc - Construction Onsite

Phase 1 - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase 1 - Building Construction	Aerial Lifts	2	8.00	63	0.31
Phase 1 - Building Construction	Cranes	1	8.00	231	0.29
Phase 1 - Building Construction	Forklifts	0	8.00	89	0.20
Phase 1 - Building Construction	Generator Sets	0	8.00	84	0.74
Phase 1 - Building Construction	Pumps	2	8.00	84	0.74
Phase 1 - Building Construction	Rough Terrain Forklifts	1	8.00	100	0.40
Phase 1 - Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase 1 - Building Construction	Welders	1	8.00	46	0.45
Phase 2 - Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 2 - Demolition	Excavators	2	8.00	158	0.38
Phase 2 - Demolition	Paving Equipment	2	8.00	132	0.36
Phase 2 - Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Phase 2 - Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Phase 2 - Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 2 - Excavation	Bore/Drill Rigs	2	8.00	221	0.50
Phase 2 - Excavation	Cranes	2	8.00	231	0.29
Phase 2 - Excavation	Excavators	2	8.00	158	0.38
Phase 2 - Excavation	Graders	0	8.00	187	0.41
Phase 2 - Excavation	Pumps	2	8.00	84	0.74
Phase 2 - Excavation	Rubber Tired Dozers	0	8.00	247	0.40
Phase 2 - Excavation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase 2 - Garage Construction	Aerial Lifts	2	8.00	63	0.31
Phase 2 - Garage Construction	Cranes	1	8.00	231	0.29
Phase 2 - Garage Construction	Forklifts	0	8.00	89	0.20
Phase 2 - Garage Construction	Generator Sets	0	8.00	84	0.74
Phase 2 - Garage Construction	Pumps	2	8.00	84	0.74
Phase 2 - Garage Construction	Rough Terrain Forklifts	1	8.00	100	0.40
Phase 2 - Garage Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase 2 - Garage Construction	Welders	1	8.00	46	0.45
Phase 2 - Hotel Construction	Aerial Lifts	2	8.00	63	0.31
Phase 2 - Hotel Construction	Air Compressors	1	8.00	78	0.48
Phase 2 - Hotel Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 2 - Hotel Construction	Cranes	1	8.00	231	0.29
Phase 2 - Hotel Construction	Forklifts	2	8.00	89	0.20
Phase 2 - Hotel Construction	Generator Sets	1	8.00	84	0.74
Phase 2 - Hotel Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 2 - Hotel Construction	Welders	1	8.00	46	0.45
Architectural Coatings	Aerial Lifts	1	8.00	63	0.31
Architectural Coatings	Air Compressors	2	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Paving	Trenchers	1	8.00	78	0.50

Trips and VMT

Cheval Blanc - Construction Onsite

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
Phase 1 - Demolition	7	50.00	60.00	0.00	0.00	0.00	0.00	LD_Mix	HHDT	HHDT
Phase 1 - Grading	10	136.00	120.00	0.00	0.00	0.00	0.00	LD_Mix	HHDT	HHDT
Phase 1 - Building Construction	9	200.00	100.00	0.00	0.00	0.00	0.00	LD_Mix	HHDT	HHDT
Phase 2 - Demolition	7	50.00	60.00	0.00	0.00	0.00	0.00	LD_Mix	HHDT	HHDT
Phase 2 - Excavation	10	136.00	120.00	0.00	0.00	0.00	0.00	LD_Mix	HHDT	HHDT
Phase 2 - Garage Construction	9	200.00	100.00	0.00	0.00	0.00	0.00	LD_Mix	HHDT	HHDT
Phase 2 - Hotel Construction	10	650.00	50.00	0.00	0.00	0.00	0.00	LD_Mix	HDT_Mix	HHDT
Architectural Coatings	3	300.00	20.00	0.00	0.00	0.00	0.00	LD_Mix	HDT_Mix	HHDT
Paving	4	50.00	20.00	0.00	0.00	0.00	0.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Phase 1 - Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					1.3256	0.0000	1.3256	0.2007	0.0000	0.2007							
Off-Road	1.5751	14.5311	19.0361	0.0341		0.6831	0.6831		0.6405	0.6405							
Total	1.5751	14.5311	19.0361	0.0341	1.3256	0.6831	2.0087	0.2007	0.6405	0.8412							

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							
Vendor	0.0981	5.1751	0.8568	5.3300e-003	1.2700e-003	2.3500e-003	3.6100e-003	4.6000e-004	2.2400e-003	2.7000e-003							
Worker	0.0431	0.0121	0.1885	1.1000e-004	4.9000e-004	3.1000e-004	8.0000e-004	2.0000e-004	2.8000e-004	4.8000e-004							
Total	0.1412	5.1872	1.0454	5.4400e-003	1.7600e-003	2.6600e-003	4.4100e-003	6.6000e-004	2.5200e-003	3.1800e-003							

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					

Cheval Blanc - Construction Onsite

Fugitive Dust					0.5170	0.0000	0.5170	0.0783	0.0000	0.0783						
Off-Road	1.5751	14.5311	19.0361	0.0341		0.6831	0.6831		0.6405	0.6405						
Total	1.5751	14.5311	19.0361	0.0341	0.5170	0.6831	1.2001	0.0783	0.6405	0.7188						

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						
Vendor	0.0981	5.1751	0.8568	5.3300e-003	1.2700e-003	2.3500e-003	3.6100e-003	4.6000e-004	2.2400e-003	2.7000e-003						
Worker	0.0431	0.0121	0.1885	1.1000e-004	4.9000e-004	3.1000e-004	8.0000e-004	2.0000e-004	2.8000e-004	4.8000e-004						
Total	0.1412	5.1872	1.0454	5.4400e-003	1.7600e-003	2.6600e-003	4.4100e-003	6.6000e-004	2.5200e-003	3.1800e-003						

3.3 Phase 1 - Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1222	0.0000	0.1222	0.0185	0.0000	0.0185						
Off-Road	2.6323	25.7443	26.3168	0.0601		1.1564	1.1564		1.0888	1.0888						
Total	2.6323	25.7443	26.3168	0.0601	0.1222	1.1564	1.2785	0.0185	1.0888	1.1073						

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						
Vendor	0.1963	10.3502	1.7137	0.0107	2.5300e-003	4.6900e-003	7.2300e-003	9.2000e-004	4.4900e-003	5.4100e-003						
Worker	0.1172	0.0328	0.5128	3.0000e-004	1.3400e-003	8.4000e-004	2.1800e-003	5.3000e-004	7.7000e-004	1.3000e-003						
Total	0.3135	10.3830	2.2264	0.0110	3.8700e-003	5.5300e-003	9.4100e-003	1.4500e-003	5.2600e-003	6.7100e-003						

Mitigated Construction On-Site

Cheval Blanc - Construction Onsite

	ROG	NOx	CO	SO2	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					0.0476	0.0000	0.0476	7.2100e-003	0.0000	7.2100e-003							
Off-Road	2.6323	25.7443	26.3168	0.0601		1.1564	1.1564		1.0888	1.0888							
Total	2.6323	25.7443	26.3168	0.0601	0.0476	1.1564	1.2040	7.2100e-003	1.0888	1.0960							

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							
Vendor	0.1963	10.3502	1.7137	0.0107	2.5300e-003	4.6900e-003	7.2300e-003	9.2000e-004	4.4900e-003	5.4100e-003							
Worker	0.1172	0.0328	0.5128	3.0000e-004	1.3400e-003	8.4000e-004	2.1800e-003	5.3000e-004	7.7000e-004	1.3000e-003							
Total	0.3135	10.3830	2.2264	0.0110	3.8700e-003	5.5300e-003	9.4100e-003	1.4500e-003	5.2600e-003	6.7100e-003							

3.3 Phase 1 - Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Fugitive Dust					0.1222	0.0000	0.1222	0.0185	0.0000	0.0185							
Off-Road	2.4688	23.3845	26.1633	0.0602		1.0237	1.0237		0.9634	0.9634							
Total	2.4688	23.3845	26.1633	0.0602	0.1222	1.0237	1.1458	0.0185	0.9634	0.9819							

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							
Vendor	0.1368	8.7645	1.4159	0.0101	2.5300e-003	3.2600e-003	5.7900e-003	9.2000e-004	3.1200e-003	4.0400e-003							
Worker	0.1079	0.0291	0.4646	2.8000e-004	1.3400e-003	8.2000e-004	2.1700e-003	5.3000e-004	7.6000e-004	1.2900e-003							
Total	0.2447	8.7936	1.8804	0.0104	3.8700e-003	4.0800e-003	7.9600e-003	1.4500e-003	3.8800e-003	5.3300e-003							

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					0.0476	0.0000	0.0476	7.2100e-003	0.0000	7.2100e-003							
Off-Road	2.4688	23.3845	26.1633	0.0602		1.0237	1.0237		0.9634	0.9634							
Total	2.4688	23.3845	26.1633	0.0602	0.0476	1.0237	1.0713	7.2100e-003	0.9634	0.9706							

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							
Vendor	0.1368	8.7645	1.4159	0.0101	2.5300e-003	3.2600e-003	5.7900e-003	9.2000e-004	3.1200e-003	4.0400e-003							
Worker	0.1079	0.0291	0.4646	2.8000e-004	1.3400e-003	8.2000e-004	2.1700e-003	5.3000e-004	7.6000e-004	1.2900e-003							
Total	0.2447	8.7936	1.8804	0.0104	3.8700e-003	4.0800e-003	7.9600e-003	1.4500e-003	3.8800e-003	5.3300e-003							

3.4 Phase 1 - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.7392	16.2790	19.8969	0.0345		0.6992	0.6992		0.6692	0.6692							
Total	1.7392	16.2790	19.8969	0.0345		0.6992	0.6992		0.6692	0.6692							

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							
Vendor	0.1140	7.3038	1.1799	8.4400e-003	2.1100e-003	2.7200e-003	4.8300e-003	7.7000e-004	2.6000e-003	3.3700e-003							
Worker	0.1587	0.0428	0.6832	4.2000e-004	1.9700e-003	1.2100e-003	3.1800e-003	7.8000e-004	1.1100e-003	1.9000e-003							

Cheval Blanc - Construction Onsite

Total	0.2727	7.3466	1.8631	8.8600e-003	4.0800e-003	3.9300e-003	8.0100e-003	1.5500e-003	3.7100e-003	5.2700e-003						
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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	1.7392	16.2790	19.8969	0.0345		0.6992	0.6992		0.6692	0.6692						
Total	1.7392	16.2790	19.8969	0.0345		0.6992	0.6992		0.6692	0.6692						

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						
Vendor	0.1140	7.3038	1.1799	8.4400e-003	2.1100e-003	2.7200e-003	4.8300e-003	7.7000e-004	2.6000e-003	3.3700e-003						
Worker	0.1587	0.0428	0.6832	4.2000e-004	1.9700e-003	1.2100e-003	3.1800e-003	7.8000e-004	1.1100e-003	1.9000e-003						
Total	0.2727	7.3466	1.8631	8.8600e-003	4.0800e-003	3.9300e-003	8.0100e-003	1.5500e-003	3.7100e-003	5.2700e-003						

3.5 Phase 2 - Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.1624	0.0000	1.1624	0.1760	0.0000	0.1760						
Off-Road	1.4744	13.0777	19.0275	0.0341		0.6005	0.6005		0.5627	0.5627						
Total	1.4744	13.0777	19.0275	0.0341	1.1624	0.6005	1.7629	0.1760	0.5627	0.7387						

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						

Cheval Blanc - Construction Onsite

Vendor	0.0684	4.3823	0.7079	5.0600e-003	1.2700e-003	1.6300e-003	2.9000e-003	4.6000e-004	1.5600e-003	2.0200e-003						
Worker	0.0397	0.0107	0.1708	1.0000e-004	4.9000e-004	3.0000e-004	8.0000e-004	2.0000e-004	2.8000e-004	4.7000e-004						
Total	0.1081	4.3930	0.8787	5.1600e-003	1.7600e-003	1.9300e-003	3.7000e-003	6.6000e-004	1.8400e-003	2.4900e-003						

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					0.4533	0.0000	0.4533	0.0686	0.0000	0.0686						
Off-Road	1.4744	13.0777	19.0275	0.0341		0.6005	0.6005		0.5627	0.5627						
Total	1.4744	13.0777	19.0275	0.0341	0.4533	0.6005	1.0538	0.0686	0.5627	0.6314						

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						
Vendor	0.0684	4.3823	0.7079	5.0600e-003	1.2700e-003	1.6300e-003	2.9000e-003	4.6000e-004	1.5600e-003	2.0200e-003						
Worker	0.0397	0.0107	0.1708	1.0000e-004	4.9000e-004	3.0000e-004	8.0000e-004	2.0000e-004	2.8000e-004	4.7000e-004						
Total	0.1081	4.3930	0.8787	5.1600e-003	1.7600e-003	1.9300e-003	3.7000e-003	6.6000e-004	1.8400e-003	2.4900e-003						

3.6 Phase 2 - Excavation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.6549	0.0000	0.6549	0.0761	0.0000	0.0761						
Off-Road	2.4688	23.3845	26.1633	0.0602		1.0237	1.0237		0.9634	0.9634						
Total	2.4688	23.3845	26.1633	0.0602	0.6549	1.0237	1.6785	0.0761	0.9634	1.0395						

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
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Cheval Blanc - Construction Onsite

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						
Vendor	0.1368	8.7645	1.4159	0.0101	2.5300e-003	3.2600e-003	5.7900e-003	9.2000e-004	3.1200e-003	4.0400e-003						
Worker	0.1079	0.0291	0.4646	2.8000e-004	1.3400e-003	8.2000e-004	2.1700e-003	5.3000e-004	7.6000e-004	1.2900e-003						
Total	0.2447	8.7936	1.8804	0.0104	3.8700e-003	4.0800e-003	7.9600e-003	1.4500e-003	3.8800e-003	5.3300e-003						

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					0.2554	0.0000	0.2554	0.0297	0.0000	0.0297						
Off-Road	2.4688	23.3845	26.1633	0.0602		1.0237	1.0237		0.9634	0.9634						
Total	2.4688	23.3845	26.1633	0.0602	0.2554	1.0237	1.2791	0.0297	0.9634	0.9930						

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						
Vendor	0.1368	8.7645	1.4159	0.0101	2.5300e-003	3.2600e-003	5.7900e-003	9.2000e-004	3.1200e-003	4.0400e-003						
Worker	0.1079	0.0291	0.4646	2.8000e-004	1.3400e-003	8.2000e-004	2.1700e-003	5.3000e-004	7.6000e-004	1.2900e-003						
Total	0.2447	8.7936	1.8804	0.0104	3.8700e-003	4.0800e-003	7.9600e-003	1.4500e-003	3.8800e-003	5.3300e-003						

3.7 Phase 2 - Garage Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7392	16.2790	19.8969	0.0345		0.6992	0.6992		0.6692	0.6692						
Total	1.7392	16.2790	19.8969	0.0345		0.6992	0.6992		0.6692	0.6692						

Unmitigated Construction Off-Site

Cheval Blanc - Construction Onsite

	ROG	NOx	CO	SO2	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						
Vendor	0.1140	7.3038	1.1799	8.4400e-003	2.1100e-003	2.7200e-003	4.8300e-003	7.7000e-004	2.6000e-003	3.3700e-003						
Worker	0.1587	0.0428	0.6832	4.2000e-004	1.9700e-003	1.2100e-003	3.1800e-003	7.8000e-004	1.1100e-003	1.9000e-003						
Total	0.2727	7.3466	1.8631	8.8600e-003	4.0800e-003	3.9300e-003	8.0100e-003	1.5500e-003	3.7100e-003	5.2700e-003						

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	1.7392	16.2790	19.8969	0.0345		0.6992	0.6992		0.6692	0.6692						
Total	1.7392	16.2790	19.8969	0.0345		0.6992	0.6992		0.6692	0.6692						

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						
Vendor	0.1140	7.3038	1.1799	8.4400e-003	2.1100e-003	2.7200e-003	4.8300e-003	7.7000e-004	2.6000e-003	3.3700e-003						
Worker	0.1587	0.0428	0.6832	4.2000e-004	1.9700e-003	1.2100e-003	3.1800e-003	7.8000e-004	1.1100e-003	1.9000e-003						
Total	0.2727	7.3466	1.8631	8.8600e-003	4.0800e-003	3.9300e-003	8.0100e-003	1.5500e-003	3.7100e-003	5.2700e-003						

3.8 Phase 2 - Hotel Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9267	16.7947	19.9588	0.0347		0.7783	0.7783		0.7485	0.7485						
Total	1.9267	16.7947	19.9588	0.0347		0.7783	0.7783		0.7485	0.7485						

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						
Vendor	0.0507	2.4349	0.6145	2.2700e-003	1.3100e-003	7.4000e-004	2.0600e-003	5.2000e-004	7.1000e-004	1.2300e-003						
Worker	0.5157	0.1392	2.2203	1.3600e-003	6.4100e-003	3.9400e-003	0.0104	2.5400e-003	3.6200e-003	6.1600e-003						
Total	0.5664	2.5741	2.8348	3.6300e-003	7.7200e-003	4.6800e-003	0.0124	3.0600e-003	4.3300e-003	7.3900e-003						

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	1.9267	16.7947	19.9588	0.0347		0.7783	0.7783		0.7485	0.7485						
Total	1.9267	16.7947	19.9588	0.0347		0.7783	0.7783		0.7485	0.7485						

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						
Vendor	0.0507	2.4349	0.6145	2.2700e-003	1.3100e-003	7.4000e-004	2.0600e-003	5.2000e-004	7.1000e-004	1.2300e-003						
Worker	0.5157	0.1392	2.2203	1.3600e-003	6.4100e-003	3.9400e-003	0.0104	2.5400e-003	3.6200e-003	6.1600e-003						
Total	0.5664	2.5741	2.8348	3.6300e-003	7.7200e-003	4.6800e-003	0.0124	3.0600e-003	4.3300e-003	7.3900e-003						

3.8 Phase 2 - Hotel Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.8081	15.7368	19.8656	0.0347		0.6825	0.6825		0.6559	0.6559						

Cheval Blanc - Construction Onsite

Total	1.8081	15.7368	19.8656	0.0347		0.6825	0.6825		0.6559	0.6559							
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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						
Vendor	0.0483	2.4255	0.5837	2.2500e-003	1.3100e-003	6.7000e-004	1.9800e-003	5.2000e-004	6.4000e-004	1.1600e-003						
Worker	0.4768	0.1242	2.0284	1.3100e-003	6.4100e-003	3.8800e-003	0.0103	2.5400e-003	3.5700e-003	6.1100e-003						
Total	0.5250	2.5497	2.6121	3.5600e-003	7.7200e-003	4.5500e-003	0.0123	3.0600e-003	4.2100e-003	7.2700e-003						

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	1.8081	15.7368	19.8656	0.0347		0.6825	0.6825		0.6559	0.6559						
Total	1.8081	15.7368	19.8656	0.0347		0.6825	0.6825		0.6559	0.6559						

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						
Vendor	0.0483	2.4255	0.5837	2.2500e-003	1.3100e-003	6.7000e-004	1.9800e-003	5.2000e-004	6.4000e-004	1.1600e-003						
Worker	0.4768	0.1242	2.0284	1.3100e-003	6.4100e-003	3.8800e-003	0.0103	2.5400e-003	3.5700e-003	6.1100e-003						
Total	0.5250	2.5497	2.6121	3.5600e-003	7.7200e-003	4.5500e-003	0.0123	3.0600e-003	4.2100e-003	7.2700e-003						

3.8 Phase 2 - Hotel Construction - 2025

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
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Cheval Blanc - Construction Onsite

Category	lb/day										lb/day					
Off-Road	1.6959	14.7150	19.7838	0.0347		0.5920	0.5920		0.5684	0.5684						
Total	1.6959	14.7150	19.7838	0.0347		0.5920	0.5920		0.5684	0.5684						

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						
Vendor	0.0463	2.4152	0.5599	2.2200e-003	1.3100e-003	6.1000e-004	1.9200e-003	5.2000e-004	5.8000e-004	1.1000e-003						
Worker	0.4431	0.1114	1.8593	1.2600e-003	6.4100e-003	3.8400e-003	0.0103	2.5400e-003	3.5300e-003	6.0800e-003						
Total	0.4894	2.5266	2.4191	3.4800e-003	7.7200e-003	4.4500e-003	0.0122	3.0600e-003	4.1100e-003	7.1800e-003						

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	1.6959	14.7150	19.7838	0.0347		0.5920	0.5920		0.5684	0.5684						
Total	1.6959	14.7150	19.7838	0.0347		0.5920	0.5920		0.5684	0.5684						

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						
Vendor	0.0463	2.4152	0.5599	2.2200e-003	1.3100e-003	6.1000e-004	1.9200e-003	5.2000e-004	5.8000e-004	1.1000e-003						
Worker	0.4431	0.1114	1.8593	1.2600e-003	6.4100e-003	3.8400e-003	0.0103	2.5400e-003	3.5300e-003	6.0800e-003						
Total	0.4894	2.5266	2.4191	3.4800e-003	7.7200e-003	4.4500e-003	0.0122	3.0600e-003	4.1100e-003	7.1800e-003						

3.9 Architectural Coatings - 2025

Unmitigated Construction On-Site

Cheval Blanc - Construction Onsite

	ROG	NOx	CO	SO2	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	15.6667						0.0000	0.0000		0.0000						
Off-Road	0.3758	2.8114	4.7093	7.6200e-003			0.1119	0.1119		0.1112	0.1112					
Total	16.0424	2.8114	4.7093	7.6200e-003			0.1119	0.1119		0.1112	0.1112					

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						
Vendor	0.0185	0.9661	0.2240	8.9000e-004	5.3000e-004	2.4000e-004	7.7000e-004	2.1000e-004	2.3000e-004	4.4000e-004						
Worker	0.2045	0.0514	0.8581	5.8000e-004	2.9600e-003	1.7700e-003	4.7300e-003	1.1700e-003	1.6300e-003	2.8000e-003						
Total	0.2230	1.0175	1.0821	1.4700e-003	3.4900e-003	2.0100e-003	5.5000e-003	1.3800e-003	1.8600e-003	3.2400e-003						

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	15.6667						0.0000	0.0000		0.0000						
Off-Road	0.3758	2.8114	4.7093	7.6200e-003			0.1119	0.1119		0.1112	0.1112					
Total	16.0424	2.8114	4.7093	7.6200e-003			0.1119	0.1119		0.1112	0.1112					

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						
Vendor	0.0185	0.9661	0.2240	8.9000e-004	5.3000e-004	2.4000e-004	7.7000e-004	2.1000e-004	2.3000e-004	4.4000e-004						
Worker	0.2045	0.0514	0.8581	5.8000e-004	2.9600e-003	1.7700e-003	4.7300e-003	1.1700e-003	1.6300e-003	2.8000e-003						
Total	0.2230	1.0175	1.0821	1.4700e-003	3.4900e-003	2.0100e-003	5.5000e-003	1.3800e-003	1.8600e-003	3.2400e-003						

3.10 Paving - 2025

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	0.6565	6.0192	7.2702	0.0108		0.3455	0.3455		0.3190	0.3190							
Paving	0.0000					0.0000	0.0000		0.0000	0.0000							
Total	0.6565	6.0192	7.2702	0.0108		0.3455	0.3455		0.3190	0.3190							

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							
Vendor	0.0185	0.9661	0.2240	8.9000e-004	5.3000e-004	2.4000e-004	7.7000e-004	2.1000e-004	2.3000e-004	4.4000e-004							
Worker	0.0341	8.5700e-003	0.1430	1.0000e-004	4.9000e-004	3.0000e-004	7.9000e-004	2.0000e-004	2.7000e-004	4.7000e-004							
Total	0.0526	0.9747	0.3670	9.9000e-004	1.0200e-003	5.4000e-004	1.5600e-003	4.1000e-004	5.0000e-004	9.1000e-004							

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	0.6565	6.0192	7.2702	0.0108		0.3455	0.3455		0.3190	0.3190							
Paving	0.0000					0.0000	0.0000		0.0000	0.0000							
Total	0.6565	6.0192	7.2702	0.0108		0.3455	0.3455		0.3190	0.3190							

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							
Vendor	0.0185	0.9661	0.2240	8.9000e-004	5.3000e-004	2.4000e-004	7.7000e-004	2.1000e-004	2.3000e-004	4.4000e-004							

Cheval Blanc - Construction Onsite

Worker	0.0341	8.5700e-003	0.1430	1.0000e-004	4.9000e-004	3.0000e-004	7.9000e-004	2.0000e-004	2.7000e-004	4.7000e-004						
Total	0.0526	0.9747	0.3670	9.9000e-004	1.0200e-003	5.4000e-004	1.5600e-003	4.1000e-004	5.0000e-004	9.1000e-004						

Step 1. Determine Allowable Increase using 98th percentile NO2 and Max NO2 data

[Central LA NO2 Monitoring Data](#)

SRA	City	Design Value	98th percentile, ppb		
		2017-2019	2017	2018	2019
2	Northwest LA	45	46	46	43

SRA	City	Design Value	Max Hourly, ppb		
		2006-2008	2017	2018	2019
2	Northwest LA	120	56	65	49

Allowable Increase (ppb)
Threshold (ppb)
 100 55

Allowable Increase (ppb)
Threshold (ppb)
 180 60

Max Hourly vs. 98th Percentile Ratio (Allowable Increase)	92%
--	------------

Step 2. Use ratio in Step 1 to determine LST lookup value. Extrapolate/Interpolate LST look-up value for project area

Cheval Blanc

Draft EIR

Appendix B-2-Greenhouse Gas Emissions Worksheets and Modeling Output Files

- Appendix B-2: Greenhouse Gas Worksheets and Modeling Output Files
 - Appendix B-2.1: GHG Summary of Emissions
 - Appendix B-2.2: CalEEMod Outputs
 - Baseline (Existing Year)
 - Baseline (Buildout Year)
 - Project Operations without Project Design Features
 - Project Construction and Operations with Project Design Features

Cheval Blanc
Greenhouse Gas Emissions Summary

CalEEMod Outputs

Cheval Blanc

Construction Emissions - Annual

CalEEMod Output - Annual Construction

Year	CO2e
2022	385
2023	1,889
2024	1,276
2025	1,539
30-year Amortized	170

Operational Emissions - Annual

Category	Baseline (Existing Year) CO2e	Baseline (Buildout Year) - With PDFs CO2e	Buildout (Buildout Year) No PDFs CO2e	Buildout (Buildout Year) - With PDFs CO2e	Project (Buildout Year) CO2e	Project (Buildout Year) - With PDFs CO2e	Reduction (tons)	Reduction (%)
Area	0	0	0	0	0	0	0	0%
Energy	86	68	991	954	922	886	(37)	-4%
Mobile	408	359	2,911	1,172	2,552	813	(1,739)	-68%
Stationary			1	1	1	1	0	0%
Waste	6	6	65	65	58	58	0	0%
Water	10	8	46	46	38	38	0	0%
Operations Total	511	442	4,013	2,238	3,572	1,796	(1,775)	-50%
Construction Amortized			170	170	170	170	0	0%
			4,183	2,408	3,741	1,966	(1,775)	-47%

Cheval Blanc - Existing Uses (Existing Year) - South Coast Air Basin, Annual

Cheval Blanc - Existing Uses (Existing Year)
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Strip Mall	30.25	1000sqft	0.69	30,246.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11			Operational Year	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	465	CH4 Intensity (lb/MWhr)	0.029	N2O Intensity (lb/MWhr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SoCal Edison 2019 Sustainability Report - Interpolated for Year 2021

Land Use - Existing Active Uses. Does not include vacant uses.

Construction Phase - See construction assumptions

Off-road Equipment -

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - see construction assumptions

Demolition -

Grading - see construction assumptions

Architectural Coating -

Vehicle Trips - See trip generation calculations

Vehicle Emission Factors -

Vehicle Emission Factors -

Area Coating -

Energy Use -

Mobile Land Use Mitigation - Metro D line approximately 0.5 miles

Energy Mitigation -

Water Mitigation -

Waste Mitigation - Beverly Hills Waste Diversion Rate

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	30,250.00	30,246.00

Cheval Blanc
Existing Operations - Annual

tblProjectCharacteristics	CO2IntensityFactor	702.44	465
tblTripsAndVMT	HaulingTripNumber	135.00	0.00
tblTripsAndVMT	HaulingTripNumber	124.00	0.00
tblVehicleTrips	ST_TR	42.04	35.81
tblVehicleTrips	SU_TR	20.43	17.40
tblVehicleTrips	WD_TR	44.32	37.76

2.0 Emissions Summary

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																8.0000e-004
Energy																89.2514
Mobile																881.3439
Waste																15.9722
Water																12.4726
Total																999.0409

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																8.0000e-004
Energy																86.4927
Mobile																408.1417
Waste																6.3889
Water																9.9781
Total																511.0022

	ROG	NOx	CO	SO2	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	48.85

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

- Improve Walkability Design
- Increase Transit Accessibility
- Provide Traffic Calming Measures

	ROG	NOx	CO	SO2	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																	408.1417
Unmitigated																	881.3439

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Strip Mall	1,142.24	1,083.25	526.35	1,989,789	812,989
Total	1,142.24	1,083.25	526.35	1,989,789	812,989

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Strip Mall	0.551391	0.043400	0.201050	0.120272	0.016162	0.005864	0.021029	0.030512	0.002059	0.001866	0.004766	0.000706	0.000924

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	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																	84.0167
Electricity Unmitigated																	86.5887
Natural Gas Mitigated																	2.4760

Cheval Blanc
Existing Operations - Annual

Natural Gas Unmitigated	2.6628
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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	tons/yr										MT/yr						
Strip Mall	49603.4																	2.6628
Total																		2.6628

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	tons/yr										MT/yr						
Strip Mall	46125.1																	2.4760
Total																		2.4760

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	408321				86.5887
Total					86.5887

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	396192				84.0167
Total					84.0167

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Mitigated																	8.0000e-004
Unmitigated																	8.0000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Landscaping																	8.0000e-004
Total																	8.0000e-004

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Landscaping																	8.0000e-004
Total																	8.0000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				9.9781
Unmitigated				12.4726

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Strip Mall	2.24069 / 1.37333				12.4726
Total					12.4726

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Strip Mall	1.79256 / 1.09866				9.9781
Total					9.9781

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			

Cheval Blanc
Existing Operations - Annual

Mitigated			6.3889
Unmitigated			15.9722

8.2 Waste by Land Use

Unmitigated

Land Use	Waste Disposed tons	Total CO2	CH4	N2O	CO2e MT/yr
Strip Mall	31.76				15.9722
Total					15.9722

Mitigated

Land Use	Waste Disposed tons	Total CO2	CH4	N2O	CO2e MT/yr
Strip Mall	12.704				6.3889
Total					6.3889

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

Cheval Blanc - Existing Uses (Buildout Year) - South Coast Air Basin, Annual

Cheval Blanc - Existing Uses (Buildout Year)
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Strip Mall	30.25	1000sqft	0.69	30,246.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	364	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SoCal Edison 2019 Sustainability Report - Interpolated for Year 2026

Land Use - Existing Active Uses. Does not include vacant uses.

Construction Phase - See construction assumptions

Off-road Equipment -

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - see construction assumptions

Demolition -

Grading - see construction assumptions

Architectural Coating -

Vehicle Trips - See trip generation calculations

Area Coating -

Energy Use -

Mobile Land Use Mitigation - Metro D line approximately 0.5 miles

Energy Mitigation -

Water Mitigation -

Waste Mitigation - Beverly Hills Waste Diversion Rate

Table Name	Column Name	Default Value	New Value
tblLandUse	LandUseSquareFeet	30,250.00	30,246.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	364
tblTripsAndVMT	HaulingTripNumber	135.00	0.00

Cheval Blanc
Existing Operations (Buildout Year) - Annual

tblTripsAndVMT	HaulingTripNumber	124.00	0.00
tblVehicleTrips	ST_TR	42.04	35.81
tblVehicleTrips	SU_TR	20.43	17.40
tblVehicleTrips	WD_TR	44.32	37.76

2.0 Emissions Summary

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																8.0000e-004
Energy																70.5451
Mobile																767.0635
Waste																15.9722
Water																10.4370
Total																864.0185

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																8.0000e-004
Energy																68.3420
Mobile																358.6238
Waste																6.3889
Water																8.3496
Total																441.7050

	ROG	NOx	CO	SO2	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	48.88

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Cheval Blanc
Existing Operations (Buildout Year) - Annual

- Improve Walkability Design
- Increase Transit Accessibility
- Provide Traffic Calming Measures

	ROG	NOx	CO	SO2	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																	358.6238
Unmitigated																	767.0635

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Strip Mall	1,142.24	1,083.25	526.35	1,989,789	812,989
Total	1,142.24	1,083.25	526.35	1,989,789	812,989

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Strip Mall	0.554129	0.042164	0.205182	0.113554	0.013848	0.005806	0.021992	0.033191	0.002140	0.001609	0.004858	0.000715	0.000811

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	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																	65.8660
Electricity Unmitigated																	67.8824
NaturalGas Mitigated																	2.4760
NaturalGas Unmitigated																	2.6628

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						
Strip Mall	49603.4																	2.6628
Total																		2.6628

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						
Strip Mall	48125.1																	2.4760
Total																		2.4760

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	408321				67.8824
Total					67.8824

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Strip Mall	396192				65.8660
Total					65.8660

Cheval Blanc
Existing Operations (Buildout Year) - Annual

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Mitigated																	8.0000e-004
Unmitigated																	8.0000e-004

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Landscaping																	8.0000e-004
Total																	8.0000e-004

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Landscaping																	8.0000e-004
Total																	8.0000e-004

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				8.3496
Unmitigated				10.4370

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Strip Mall	2.24069 / 1.37333				10.4370
Total					10.4370

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Strip Mall	1.79256 / 1.09866				8.3496
Total					8.3496

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			

Cheval Blanc
Existing Operations (Buildout Year) - Annual

Mitigated			6.3889
Unmitigated			15.9722

8.2 Waste by Land Use

Unmitigated

Land Use	Waste Disposed tons	Total CO2 MT/yr	CH4	N2O	CO2e
Strip Mall	31.76				15.9722
Total					15.9722

Mitigated

Land Use	Waste Disposed tons	Total CO2 MT/yr	CH4	N2O	CO2e
Strip Mall	12.704				6.3889
Total					6.3889

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
----------------	--------	-----------	------------	-------------	-------------	-----------

Boilers

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

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Cheval Blanc - Operations (Without PDFs) - South Coast Air Basin, Annual

Cheval Blanc - Operations (Without PDFs)
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	178.00	Space	1.60	71,200.00	0
Health Club	36.78	1000sqft	0.84	36,783.00	0
Hotel	115.00	Room	3.83	134,097.00	0
Quality Restaurant	25.09	1000sqft	0.58	25,094.00	0
Strip Mall	24.98	1000sqft	0.57	24,976.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	364	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SoCal Edison 2019 Sustainability Report - Interpolated for Year 2026

Land Use - Adjusted square footage of hotel to match plans

Construction Phase - See construction assumptions

Off-road Equipment - see assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - see construction assumptions

Trips and VMT - see assumptions

Demolition and Excavation would have up to 60 hauls per day = 120 trips per day

Demolition -

Grading - see construction assumptions

Architectural Coating -

Vehicle Trips - see trip generation

Area Coating -

Energy Use - see GHG parameters

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation - 521 daily employee trips. Assumes 2.1 trips per employee = 248 employees. 248 employees / 1.28 acres = 194 jobs/acre

Energy Mitigation -

Cheval Blanc
Project Operations (No PDFs) - Annual

Water Mitigation -

Waste Mitigation - Beverly Hills Waste Diversion Rate

Stationary Sources - Emergency Generators and Fire Pumps -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	132.00
tblConstructionPhase	NumDays	230.00	109.00
tblConstructionPhase	NumDays	230.00	49.00
tblConstructionPhase	NumDays	230.00	544.00
tblConstructionPhase	NumDays	20.00	22.00
tblConstructionPhase	NumDays	20.00	23.00
tblConstructionPhase	NumDays	20.00	32.00
tblConstructionPhase	NumDays	20.00	82.00
tblConstructionPhase	NumDays	20.00	66.00
tblEnergyUse	T24E	3.92	0.41
tblGrading	AcresOfGrading	0.00	41.00
tblGrading	MaterialExported	0.00	34,564.00
tblGrading	MaterialExported	0.00	90,356.00
tblLandUse	LandUseSquareFeet	36,780.00	36,783.00
tblLandUse	LandUseSquareFeet	166,980.00	134,097.00
tblLandUse	LandUseSquareFeet	25,090.00	25,094.00
tblLandUse	LandUseSquareFeet	24,980.00	24,976.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00

Cheval Blanc
Project Operations (No PDFs) - Annual

tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	364
tblTripsAndVMT	HaulingTripNumber	135.00	0.00
tblTripsAndVMT	HaulingTripNumber	4,321.00	0.00
tblTripsAndVMT	HaulingTripNumber	124.00	0.00
tblTripsAndVMT	HaulingTripNumber	11,295.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	40.00
tblTripsAndVMT	VendorTripLength	6.90	40.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	120.00
tblTripsAndVMT	VendorTripNumber	48.00	100.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	120.00
tblTripsAndVMT	VendorTripNumber	48.00	100.00
tblTripsAndVMT	VendorTripNumber	48.00	50.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblTripsAndVMT	WorkerTripNumber	25.00	136.00
tblTripsAndVMT	WorkerTripNumber	120.00	200.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblTripsAndVMT	WorkerTripNumber	25.00	136.00
tblTripsAndVMT	WorkerTripNumber	120.00	200.00
tblTripsAndVMT	WorkerTripNumber	120.00	650.00
tblTripsAndVMT	WorkerTripNumber	24.00	300.00
tblTripsAndVMT	WorkerTripNumber	10.00	50.00
tblVehicleTrips	ST_TR	20.87	6.34
tblVehicleTrips	ST_TR	8.19	8.38
tblVehicleTrips	ST_TR	94.36	87.96
tblVehicleTrips	ST_TR	42.04	35.81
tblVehicleTrips	SU_TR	26.73	8.12
tblVehicleTrips	SU_TR	5.95	6.09
tblVehicleTrips	SU_TR	72.16	67.26
tblVehicleTrips	SU_TR	20.43	17.40
tblVehicleTrips	WD_TR	32.93	10.00
tblVehicleTrips	WD_TR	8.17	8.36
tblVehicleTrips	WD_TR	89.95	83.84
tblVehicleTrips	WD_TR	44.32	37.76

2.0 Emissions Summary

Cheval Blanc
Project Operations (No PDFs) - Annual

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																0.0100
Energy																1,026.2797
Mobile																2,910.6152
Stationary																1.3757
Waste																161.7985
Water																57.3849
Total																4,157.4640

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																0.0100
Energy																990.7070
Mobile																2,910.6152
Stationary																1.3757
Waste																64.7194
Water																45.9079
Total																4,013.3353

	ROG	NOx	CO	SO2	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	3.47

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Cheval Blanc
Project Operations (No PDFs) - Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Mitigated																	2,910.6152
Unmitigated																	2,910.6152

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated Annual VMT	Mitigated Annual VMT
	Weekday	Saturday	Sunday		
Enclosed Parking with Elevator	0.00	0.00	0.00		
Health Club	367.80	233.19	298.65	724,383	724,383
Hotel	961.40	963.70	700.35	2,205,862	2,205,862
Quality Restaurant	2,103.55	2,206.92	1687.55	2,931,094	2,931,094
Strip Mall	943.24	894.53	434.65	1,643,138	1,643,138
Total	4,375.99	4,298.34	3,121.21	7,504,477	7,504,477

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Health Club	16.60	8.40	6.90	16.90	64.10	19.00	52	39	9
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.554129	0.042164	0.205182	0.113554	0.013848	0.005806	0.021992	0.033191	0.002140	0.001609	0.004858	0.000715	0.000811
Health Club	0.554129	0.042164	0.205182	0.113554	0.013848	0.005806	0.021992	0.033191	0.002140	0.001609	0.004858	0.000715	0.000811
Hotel	0.554129	0.042164	0.205182	0.113554	0.013848	0.005806	0.021992	0.033191	0.002140	0.001609	0.004858	0.000715	0.000811
Quality Restaurant	0.554129	0.042164	0.205182	0.113554	0.013848	0.005806	0.021992	0.033191	0.002140	0.001609	0.004858	0.000715	0.000811
Strip Mall	0.554129	0.042164	0.205182	0.113554	0.013848	0.005806	0.021992	0.033191	0.002140	0.001609	0.004858	0.000715	0.000811

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

	ROG	NOx	CO	SO2	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																	492.2801
Electricity Unmitigated																	504.8744

Cheval Blanc
Project Operations (No PDFs) - Annual

Natural Gas Mitigated																		498.4270
Natural Gas Unmitigated																		521.4053

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	tons/yr										MT/yr						
Enclosed Parking with Elevator	0																	0.0000
Health Club	665772																	35.7393
Hotel	3.21562e+006																	172.6176
Quality Restaurant	5.79069e+006																	310.8497
Strip Mall	40960.6																	2.1988
Total																		521.4053

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	tons/yr										MT/yr						
Enclosed Parking with Elevator	0																	0.0000
Health Club	615564																	33.0440
Hotel	2.9485e+006																	158.2784
Quality Restaurant	5.68284e+006																	305.0600
Strip Mall	38088.4																	2.0446
Total																		498.4270

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	167320				27.8165
Health Club	408291				67.8774
Hotel	1.01645e+006				168.9819
Quality Restaurant	1.10765e+006				184.1439

Cheval Blanc
Project Operations (No PDFs) - Annual

Strip Mall	337176				56.0547
Total					504.8744

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	164401				27.3312
Health Club	400015				66.5015
Hotel	982253				163.2971
Quality Restaurant	1.0873e+06				180.7606
Strip Mall	327161				54.3896
Total					492.2801

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated																0.0100
Unmitigated																0.0100

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating																0.0000
Consumer Products																0.0000
Landscaping																0.0100
Total																0.0100

Cheval Blanc
Project Operations (No PDFs) - Annual

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Landscaping																	0.0100
Total																	0.0100

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				45.9079
Unmitigated				57.3849

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0				0.0000
Health Club	2.17528 / 1.33324				10.1323
Hotel	2.91718 / 0.324131				10.8843
Quality Restaurant	7.61566 / 0.486106				27.7497
Strip Mall	1.85033 / 1.13407				8.6187
Total					57.3849

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0				0.0000
Health Club	1.74023 / 1.06659				8.1058
Hotel	2.33374 / 0.259305				8.7074
Quality Restaurant	6.09253 / 0.388885				22.1997
Strip Mall	1.48027 / 0.907259				6.8949
Total					45.9079

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated				64.7194
Unmitigated				161.7985

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0				0.0000
Health Club	209.65				105.4333
Hotel	62.96				31.6627
Quality Restaurant	22.89				11.5114
Strip Mall	26.23				13.1911
Total					161.7985

Mitigated

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Project Operations (No PDFs) - Annual

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0				0.0000
Health Club	83.86				42.1733
Hotel	25.184				12.6651
Quality Restaurant	9.156				4.6046
Strip Mall	10.492				5.2764
Total					64.7194

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
Emergency Generator	1	0.5	12	300	0.73	Diesel

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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10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Equipment Type	tons/yr										MT/yr						
Emergency Generator - Diesel (200 - 200 HP)																	1.3757
Total																	1.3757

11.0 Vegetation

Cheval Blanc - Construction and Operations - South Coast Air Basin, Annual

Cheval Blanc - Construction and Operations
South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	178.00	Space	1.60	71,200.00	0
Health Club	36.78	1000sqft	0.84	36,783.00	0
Hotel	115.00	Room	3.83	134,097.00	0
Quality Restaurant	25.09	1000sqft	0.58	25,094.00	0
Strip Mall	24.98	1000sqft	0.57	24,976.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	31
Climate Zone	11			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	364	CH4 Intensity (lb/MW hr)	0.029	N2O Intensity (lb/MW hr)	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - SoCal Edison 2019 Sustainability Report - Interpolated for Year 2026

Land Use - Adjusted square footage of hotel to match plans

Construction Phase - See construction assumptions

Off-road Equipment - see assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment - see construction assumptions

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - see construction assumptions

Trips and VMT - see assumptions

Demolition and Excavation would have up to 60 hauls per day = 120 trips per day

Demolition -

Grading - see construction assumptions

Architectural Coating -

Vehicle Trips - see trip generation

Area Coating -

Energy Use - see GHG parameters

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation - 521 daily employee trips. Assumes 2.1 trips per employee = 248 employees. 248 employees / 1.28 acres = 194 jobs/acre

Metro D line approximately 0.5 miles

Energy Mitigation -

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tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CO2IntensityFactor	702.44	364
tblTripsAndVMT	HaulingTripNumber	135.00	0.00
tblTripsAndVMT	HaulingTripNumber	4,321.00	0.00
tblTripsAndVMT	HaulingTripNumber	124.00	0.00
tblTripsAndVMT	HaulingTripNumber	11,295.00	0.00
tblTripsAndVMT	VendorTripLength	6.90	40.00
tblTripsAndVMT	VendorTripLength	6.90	40.00
tblTripsAndVMT	VendorTripLength	6.90	40.00
tblTripsAndVMT	VendorTripLength	6.90	40.00
tblTripsAndVMT	VendorTripNumber	0.00	60.00
tblTripsAndVMT	VendorTripNumber	0.00	120.00
tblTripsAndVMT	VendorTripNumber	48.00	100.00
tblTripsAndVMT	VendorTripNumber	0.00	60.00
tblTripsAndVMT	VendorTripNumber	0.00	120.00
tblTripsAndVMT	VendorTripNumber	48.00	100.00
tblTripsAndVMT	VendorTripNumber	48.00	50.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorTripNumber	0.00	20.00
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	HHDT
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblTripsAndVMT	WorkerTripNumber	25.00	136.00
tblTripsAndVMT	WorkerTripNumber	120.00	200.00
tblTripsAndVMT	WorkerTripNumber	18.00	50.00
tblTripsAndVMT	WorkerTripNumber	25.00	136.00
tblTripsAndVMT	WorkerTripNumber	120.00	200.00
tblTripsAndVMT	WorkerTripNumber	120.00	650.00
tblTripsAndVMT	WorkerTripNumber	24.00	300.00
tblTripsAndVMT	WorkerTripNumber	10.00	50.00
tblVehicleTrips	ST_TR	20.87	6.34
tblVehicleTrips	ST_TR	8.19	8.38
tblVehicleTrips	ST_TR	94.36	87.96
tblVehicleTrips	ST_TR	42.04	35.81
tblVehicleTrips	SU_TR	26.73	8.12
tblVehicleTrips	SU_TR	5.95	6.09
tblVehicleTrips	SU_TR	72.16	67.26
tblVehicleTrips	SU_TR	20.43	17.40
tblVehicleTrips	WD_TR	32.93	10.00
tblVehicleTrips	WD_TR	8.17	8.36
tblVehicleTrips	WD_TR	89.95	83.84

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tblVehicleTrips	WD_TR	44.32	37.76
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2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Year	tons/yr										MT/yr						
2022																	385.4055
2023																	1,888.8328
2024																	1,275.5570
2025																	1,538.5494
Maximum																	1,888.8328

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Year	tons/yr										MT/yr						
2022																	385.4054
2023																	1,888.8322
2024																	1,275.5566
2025																	1,538.5489
Maximum																	1,888.8322

	ROG	NOx	CO	SO2	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

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
			Highest	

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Area																	0.0100

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Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 331,424; Non-Residential Outdoor: 110,475; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Phase 1 - Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 1 - Demolition	Excavators	2	8.00	158	0.38
Phase 1 - Demolition	Paving Equipment	2	8.00	132	0.36
Phase 1 - Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Phase 1 - Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Phase 1 - Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 1 - Grading	Bore/Drill Rigs	2	8.00	221	0.50
Phase 1 - Grading	Cranes	2	8.00	231	0.29
Phase 1 - Grading	Excavators	2	8.00	158	0.38
Phase 1 - Grading	Graders	0	8.00	187	0.41
Phase 1 - Grading	Pumps	2	8.00	84	0.74
Phase 1 - Grading	Rubber Tired Dozers	0	8.00	247	0.40
Phase 1 - Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase 1 - Building Construction	Aerial Lifts	2	8.00	63	0.31
Phase 1 - Building Construction	Cranes	1	8.00	231	0.29
Phase 1 - Building Construction	Forklifts	0	8.00	89	0.20
Phase 1 - Building Construction	Generator Sets	0	8.00	84	0.74
Phase 1 - Building Construction	Pumps	2	8.00	84	0.74
Phase 1 - Building Construction	Rough Terrain Forklifts	1	8.00	100	0.40
Phase 1 - Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase 1 - Building Construction	Welders	1	8.00	46	0.45
Phase 2 - Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 2 - Demolition	Excavators	2	8.00	158	0.38
Phase 2 - Demolition	Paving Equipment	2	8.00	132	0.36
Phase 2 - Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Phase 2 - Demolition	Rubber Tired Loaders	1	8.00	203	0.36
Phase 2 - Demolition	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 2 - Excavation	Bore/Drill Rigs	2	8.00	221	0.50
Phase 2 - Excavation	Cranes	2	8.00	231	0.29
Phase 2 - Excavation	Excavators	2	8.00	158	0.38
Phase 2 - Excavation	Graders	0	8.00	187	0.41
Phase 2 - Excavation	Pumps	2	8.00	84	0.74
Phase 2 - Excavation	Rubber Tired Dozers	0	8.00	247	0.40
Phase 2 - Excavation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase 2 - Garage Construction	Aerial Lifts	2	8.00	63	0.31
Phase 2 - Garage Construction	Cranes	1	8.00	231	0.29
Phase 2 - Garage Construction	Forklifts	0	8.00	89	0.20
Phase 2 - Garage Construction	Generator Sets	0	8.00	84	0.74
Phase 2 - Garage Construction	Pumps	2	8.00	84	0.74
Phase 2 - Garage Construction	Rough Terrain Forklifts	1	8.00	100	0.40
Phase 2 - Garage Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Phase 2 - Garage Construction	Welders	1	8.00	46	0.45
Phase 2 - Hotel Construction	Aerial Lifts	2	8.00	63	0.31
Phase 2 - Hotel Construction	Air Compressors	1	8.00	78	0.48

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Phase 2 - Hotel Construction	Concrete/Industrial Saws	1	8.00	81	0.73
Phase 2 - Hotel Construction	Cranes	1	8.00	231	0.29
Phase 2 - Hotel Construction	Forklifts	2	8.00	89	0.20
Phase 2 - Hotel Construction	Generator Sets	1	8.00	84	0.74
Phase 2 - Hotel Construction	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Phase 2 - Hotel Construction	Welders	1	8.00	46	0.45
Architectural Coatings	Aerial Lifts	1	8.00	63	0.31
Architectural Coatings	Air Compressors	2	6.00	78	0.48
Paving	Cement and Mortar Mixers	1	8.00	9	0.56
Paving	Pavers	0	8.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	8.00	80	0.38
Paving	Trenchers	1	8.00	78	0.50

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
Phase 1 - Demolition	7	50.00	60.00	0.00	14.70	40.00	20.00	LD_Mix	HHDT	HHDT
Phase 1 - Grading	10	136.00	120.00	0.00	14.70	40.00	20.00	LD_Mix	HHDT	HHDT
Phase 1 - Building Construction	9	200.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Phase 2 - Demolition	7	50.00	60.00	0.00	14.70	40.00	20.00	LD_Mix	HHDT	HHDT
Phase 2 - Excavation	10	136.00	120.00	0.00	14.70	40.00	20.00	LD_Mix	HHDT	HHDT
Phase 2 - Garage Construction	9	200.00	100.00	0.00	14.70	6.90	20.00	LD_Mix	HHDT	HHDT
Phase 2 - Hotel Construction	10	650.00	50.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coatings	3	300.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	4	50.00	20.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Phase 1 - Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust																0.0000
Off-Road																33.0420
Total																33.0420

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
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Category	tons/yr										MT/yr						
Hauling																	0.0000
Vendor																	91.7616
Worker																	5.0763
Total																	96.8379

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
Off-Road																	33.0419
Total																	33.0419

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
Vendor																	91.7616
Worker																	5.0763
Total																	96.8379

3.3 Phase 1 - Grading - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Fugitive Dust																	0.0000
Off-Road																	58.1949
Total																	58.1949

Unmitigated Construction Off-Site

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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						
Hauling																	0.0000
Vendor																	183.5231
Worker																	13.8076
Total																	197.3307

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
Off-Road																	58.1948
Total																	58.1948

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
Vendor																	183.5231
Worker																	13.8076
Total																	197.3307

3.3 Phase 1 - Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Fugitive Dust																	0.0000
Off-Road																	26.4721
Total																	26.4721

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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
Vendor																	80.0390
Worker																	6.0421
Total																	86.0810

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
Off-Road																	26.4721
Total																	26.4721

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
Vendor																	80.0390
Worker																	6.0421
Total																	86.0810

3.4 Phase 1 - Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	162.7259

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Total																	162.7259
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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
Vendor																	166.3193
Worker																	96.8510
Total																	263.1703

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																	162.7257
Total																	162.7257

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
Vendor																	166.3193
Worker																	96.8510
Total																	263.1703

3.5 Phase 2 - Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr						
Fugitive Dust																	0.0000
Off-Road																	34.5474
Total																	34.5474

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
Vendor																	92.0448
Worker																	5.1091
Total																	97.1539

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
Off-Road																	34.5474
Total																	34.5474

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
Vendor																	92.0448
Worker																	5.1091
Total																	97.1539

3.6 Phase 2 - Excavation - 2023

Unmitigated Construction On-Site

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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						
Fugitive Dust																	0.0000
Off-Road																	217.0715
Total																	217.0715

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
Vendor																	656.3194
Worker																	49.5451
Total																	705.8644

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
Off-Road																	217.0713
Total																	217.0713

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
Vendor																	656.3194
Worker																	49.5451
Total																	705.8644

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3.7 Phase 2 - Garage Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	73.1520
Total																	73.1520

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
Vendor																	74.7674
Worker																	43.5385
Total																	118.3059

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																	73.1519
Total																	73.1519

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
Vendor																	74.7674

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Worker																		43.5385
Total																		118.3059

3.8 Phase 2 - Hotel Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	31.3831
Total																	31.3831

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
Vendor																	12.2621
Worker																	60.6430
Total																	72.9051

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																	31.3831
Total																	31.3831

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					

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Hauling																		0.0000
Vendor																		12.2621
Worker																		60.6430
Total																		72.9051

3.8 Phase 2 - Hotel Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Off-Road																	391.5449
Total																	391.5449

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
Vendor																	152.4338
Worker																	731.5783
Total																	884.0121

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																	391.5445
Total																	391.5445

Mitigated Construction Off-Site

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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						
Hauling																	0.0000
Vendor																	152.4338
Worker																	731.5783
Total																	884.0121

3.8 Phase 2 - Hotel Construction - 2025

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																	390.0684
Total																	390.0684

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
Vendor																	151.0160
Worker																	700.0805
Total																	851.0965

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																	390.0680
Total																	390.0680

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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
Vendor																151.0160
Worker																700.0805
Total																851.0965

3.9 Architectural Coatings - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating																0.0000
Off-Road																43.5644
Total																43.5644

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
Vendor																30.5504
Worker																163.4140
Total																193.9644

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating																0.0000
Off-Road																43.5643

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Total																	43.5643
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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
Vendor																	30.5504
Worker																	163.4140
Total																	193.9644

3.10 Paving - 2025

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																	30.9628
Paving																	0.0000
Total																	30.9628

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
Vendor																	15.2752
Worker																	13.6178
Total																	28.8930

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						

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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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Health Club	16.60	8.40	6.90	16.90	64.10	19.00	52	39	9
Hotel	16.60	8.40	6.90	19.40	61.60	19.00	58	38	4
Quality Restaurant	16.60	8.40	6.90	12.00	69.00	19.00	38	18	44
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.554129	0.042164	0.205182	0.113554	0.013848	0.005806	0.021992	0.033191	0.002140	0.001609	0.004858	0.000715	0.000811
Health Club	0.554129	0.042164	0.205182	0.113554	0.013848	0.005806	0.021992	0.033191	0.002140	0.001609	0.004858	0.000715	0.000811
Hotel	0.554129	0.042164	0.205182	0.113554	0.013848	0.005806	0.021992	0.033191	0.002140	0.001609	0.004858	0.000715	0.000811
Quality Restaurant	0.554129	0.042164	0.205182	0.113554	0.013848	0.005806	0.021992	0.033191	0.002140	0.001609	0.004858	0.000715	0.000811
Strip Mall	0.554129	0.042164	0.205182	0.113554	0.013848	0.005806	0.021992	0.033191	0.002140	0.001609	0.004858	0.000715	0.000811

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

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
	tons/yr										MT/yr					
Electricity Mitigated																455.7292
Electricity Unmitigated																504.8744
NaturalGas Mitigated																498.4270
NaturalGas Unmitigated																521.4053

5.2 Energy by Land Use - NaturalGas

Unmitigated

Land Use	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
	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking with Elevator	0																0.0000
Health Club	665772																35.7393
Hotel	3.21562e+006																172.6176

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Quality Restaurant	5.79069e+006																		310.8497
Strip Mall	40950.6																		2.1988
Total																			521.4053

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	tons/yr										MT/yr						
Enclosed Parking with Elevator	0																	0.0000
Health Club	615564																	33.0440
Hotel	2.9485e+006																	158.2784
Quality Restaurant	5.68284e+006																	305.0600
Strip Mall	38088.4																	2.0446
Total																		498.4270

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	167320				27.8165
Health Club	408291				67.8774
Hotel	1.01645e+006				168.9819
Quality Restaurant	1.10765e+006				184.1439
Strip Mall	337176				56.0547
Total					504.8744

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	133251				22.1526
Health Club	371508				61.7623
Hotel	910512				151.3703

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Quality Restaurant	1.03793e+006				172.5525
Strip Mall	288073				47.8915
Total					455.7292

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	tons/yr										MT/yr						
Mitigated																	0.0100
Unmitigated																	0.0100

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Landscaping																	0.0100
Total																	0.0100

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
SubCategory	tons/yr										MT/yr						
Architectural Coating																	0.0000
Consumer Products																	0.0000
Landscaping																	0.0100
Total																	0.0100

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated				45.9079
Unmitigated				57.3849

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0				0.0000
Health Club	2.17528 / 1.33324				10.1323
Hotel	2.91718 / 0.324131				10.8843
Quality Restaurant	7.61566 / 0.486106				27.7497
Strip Mall	1.55033 / 1.13407				8.6187
Total					57.3849

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0				0.0000
Health Club	1.74023 / 1.06659				8.1058
Hotel	2.33374 / 0.259305				8.7074
Quality Restaurant	6.09253 / 0.388885				22.1997
Strip Mall	1.48027 / 0.907259				6.8949
Total					45.9079

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated				64.7194
Unmitigated				161.7985

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0				0.0000
Health Club	209.65				105.4333
Hotel	62.96				31.6627
Quality Restaurant	22.89				11.5114
Strip Mall	26.23				13.1911
Total					161.7985

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0				0.0000
Health Club	83.86				42.1733
Hotel	25.184				12.6651
Quality Restaurant	9.156				4.6046
Strip Mall	10.492				5.2764
Total					64.7194

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

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator		0.5	12	300	0.73	Diesel

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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10.1 Stationary Sources

Unmitigated/Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Equipment Type	tons/yr										MT/yr						
Emergency Generator - Diesel (900,000 HP)																	1.3757
Total																	1.3757

11.0 Vegetation