

Appendix FEIR-B

Revised California Emissions Estimator Model

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4th and Hewitt Project MXD-TDM
Los Angeles-South Coast County, Winter

1.0 Project Characteristics**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	327.98	1000sqft	1.31	327,980.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	660.00	Space	0.00	254,881.00	0
Other Non-Asphalt Surfaces	11.10	1000sqft	0.25	11,098.00	0
High Turnover (Sit Down Restaurant)	8.15	1000sqft	0.00	8,150.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	691.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - 1.31 ac site. 327,980 sf office, 8,150 sf site down restaurant, 660 space parking garage 254,881 sf, 11,098 sf non-asphalt surface. User Defined Commercial

Construction Phase - 25 demo, 70 grading, 547 bldg, 70 pave and coat overlap bldg.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - add 2 backhoes, add 1 excavator

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

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Off-road Equipment -

Off-road Equipment - no prep

Trips and VMT - 10,744 soil export trips (5,372 loads), 218 demo haul trips (109 loads). 27 mil dist.

Demolition - 1,822 tons building and asphalt demo

Grading - 75,200 cy export.

Vehicle Trips - 7.2 vmt/emp trip

Water And Wastewater - Per WSA, office/rest. combined water use gal/yr 15,919,475. 139,430 outdoor. 16,320 gal/yr parking lot cleaning.

Solid Waste - Required diversion

Construction Off-road Equipment Mitigation - Rule 403 dust control

Stationary Sources - Emergency Generators and Fire Pumps - 1 diesel emergency generator. 1,840 hp. load factor 0.73, Maintenance 0.5 hour one day/month (6 hrs/year) + 1 addtl. hour, total approx. 7 hours per year.

Mobile Land Use Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	25.00
tblConstructionPhase	NumDays	2.00	0.00
tblConstructionPhase	NumDays	4.00	70.00
tblConstructionPhase	NumDays	200.00	547.00
tblConstructionPhase	NumDays	10.00	70.00
tblConstructionPhase	NumDays	10.00	70.00
tblGrading	AcresOfGrading	70.00	1.50
tblGrading	MaterialExported	0.00	75,200.00
tblLandUse	LandUseSquareFeet	264,000.00	254,881.00
tblLandUse	LandUseSquareFeet	11,100.00	11,098.00
tblLandUse	LotAcreage	7.53	1.31
tblLandUse	LotAcreage	5.94	0.00
tblLandUse	LotAcreage	0.19	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblSolidWaste	SolidWasteGenerationRate	305.02	76.26
tblSolidWaste	SolidWasteGenerationRate	96.99	24.25
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	1,840.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	0.50
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	7.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblTripsAndVMT	HaulingTripLength	20.00	27.00
tblTripsAndVMT	HaulingTripLength	20.00	27.00
tblTripsAndVMT	HaulingTripNumber	180.00	218.00
tblTripsAndVMT	HaulingTripNumber	9,400.00	10,744.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CW_TL	16.60	7.20
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	122.40	0.00
tblVehicleTrips	ST_TR	0.00	2,756.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	142.64	0.00
tblVehicleTrips	SU_TR	0.00	2,756.00
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	112.18	0.00
tblVehicleTrips	WD_TR	0.00	2,756.00
tblWater	IndoorWaterUseRate	58,293,114.67	15,919,475.00
tblWater	IndoorWaterUseRate	2,473,799.76	0.00
tblWater	OutdoorWaterUseRate	0.00	16,320.00
tblWater	OutdoorWaterUseRate	35,728,038.02	139,430.00

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblWater

OutdoorWaterUseRate

157,902.11

0.00

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	1.7877	18.6544	14.8551	0.0326	1.9109	0.8535	2.7644	0.3311	0.7978	1.1289	0.0000	3,243.2903	3,243.2903	0.6381	0.1293	3,297.7575
2023	2.3898	44.2000	21.4375	0.1485	9.9598	0.8989	10.8587	4.3696	0.8332	5.2028	0.0000	15,953.3802	15,953.3802	1.5843	2.0963	16,617.6888
2024	2.2335	15.5343	20.8006	0.0603	3.0932	0.4841	3.5773	0.8348	0.4663	1.3011	0.0000	5,983.6005	5,983.6005	0.4507	0.3323	6,093.8774
2025	48.5768	21.3991	32.4685	0.0808	3.7304	0.7268	4.4572	1.0037	0.6918	1.6956	0.0000	7,966.0965	7,966.0965	0.8784	0.3362	8,088.2500
Maximum	48.5768	44.2000	32.4685	0.1485	9.9598	0.8989	10.8587	4.3696	0.8332	5.2028	0.0000	15,953.3802	15,953.3802	1.5843	2.0963	16,617.6888

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**2.1 Overall Construction (Maximum Daily Emission)****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	1.7877	18.6544	14.8551	0.0326	1.0531	0.8535	1.9066	0.2013	0.7978	0.9990	0.0000	3,243.2903	3,243.2903	0.6381	0.1293	3,297.7575
2023	2.3898	44.2000	21.4375	0.1485	6.5683	0.8989	7.4672	2.5375	0.8332	3.3707	0.0000	15,953.3802	15,953.3802	1.5843	2.0963	16,617.6888
2024	2.2335	15.5343	20.8006	0.0603	3.0932	0.4841	3.5773	0.8348	0.4663	1.3011	0.0000	5,983.6004	5,983.6004	0.4507	0.3323	6,093.8774
2025	48.5768	21.3991	32.4685	0.0808	3.7304	0.7268	4.4572	1.0037	0.6918	1.6956	0.0000	7,966.0965	7,966.0965	0.8784	0.3362	8,088.2499
Maximum	48.5768	44.2000	32.4685	0.1485	6.5683	0.8989	7.4672	2.5375	0.8332	3.3707	0.0000	15,953.3802	15,953.3802	1.5843	2.0963	16,617.6888

	ROG	NOx	CO	SO2	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	22.73	0.00	19.62	30.00	0.00	21.03	0.00	0.00	0.00	0.00	0.00	0.00

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**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	7.6330	9.3000e-004	0.1027	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2207	0.2207	5.7000e-004		0.2350
Energy	0.1554	1.4125	1.1865	8.4700e-003		0.1074	0.1074		0.1074	0.1074		1,694.9761	1,694.9761	0.0325	0.0311	1,705.0485
Mobile	6.8875	7.0398	64.4698	0.1358	15.2080	0.1020	15.3100	4.0512	0.0947	4.1458		13,853.4038	13,853.4038	1.0305	0.6336	14,067.9671
Stationary	1.5098	6.7517	3.8496	7.2600e-003		0.2221	0.2221		0.2221	0.2221		772.3530	772.3530	0.1083		775.0601
Total	16.1856	15.2049	69.6086	0.1515	15.2080	0.4318	15.6398	4.0512	0.4245	4.4756		16,320.9535	16,320.9535	1.1719	0.6646	16,548.3107

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**2.2 Overall Operational****Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.6330	9.3000e-004	0.1027	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2207	0.2207	5.7000e-004		0.2350
Energy	0.1554	1.4125	1.1865	8.4700e-003		0.1074	0.1074		0.1074	0.1074		1,694.9761	1,694.9761	0.0325	0.0311	1,705.0485
Mobile	6.8875	7.0398	64.4698	0.1358	15.2080	0.1020	15.3100	4.0512	0.0947	4.1458		13,853.4038	13,853.4038	1.0305	0.6336	14,067.9671
Stationary	1.5098	6.7517	3.8496	7.2600e-003		0.2221	0.2221		0.2221	0.2221		772.3530	772.3530	0.1083		775.0601
Total	16.1856	15.2049	69.6086	0.1515	15.2080	0.4318	15.6398	4.0512	0.4245	4.4756		16,320.9535	16,320.9535	1.1719	0.6646	16,548.3107

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

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/5/2022	1/6/2023	5	25	
2	Site Preparation	Site Preparation	12/31/2022	12/30/2022	5	0	
3	Grading	Grading	1/9/2023	4/14/2023	5	70	
4	Building Construction	Building Construction	4/17/2023	5/20/2025	5	547	

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5	Paving	Paving	2/5/2025	5/13/2025	5	70
6	Architectural Coating	Architectural Coating	2/5/2025	5/13/2025	5	70

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 1.5****Acres of Paving: 0.25****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 504,195; Non-Residential Outdoor: 168,065; Striped Parking Area: 15,959 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	0	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	1	6.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	218.00	14.70	6.90	27.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	10,744.00	14.70	6.90	27.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	220.00	99.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	44.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 Demolition - 2022****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5596	0.0000	1.5596	0.2361	0.0000	0.2361			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829		2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241	1.5596	0.8379	2.3975	0.2361	0.7829	1.0190		2,323.4168	2,323.4168	0.5921		2,338.2191

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	0.0506	1.9964	0.4248	7.2300e-003	0.2060	0.0147	0.2207	0.0565	0.0140	0.0705		792.6290	792.6290	0.0423	0.1258	831.1656
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0482	0.0363	0.4698	1.2600e-003	0.1453	9.3000e-004	0.1462	0.0385	8.6000e-004	0.0394		127.2444	127.2444	3.7000e-003	3.4800e-003	128.3729
Total	0.0987	2.0326	0.8946	8.4900e-003	0.3513	0.0156	0.3669	0.0950	0.0149	0.1099		919.8735	919.8735	0.0460	0.1293	959.5384

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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	lb/day										lb/day					
Fugitive Dust					0.7018	0.0000	0.7018	0.1063	0.0000	0.1063			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241	0.7018	0.8379	1.5397	0.1063	0.7829	0.8891	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191

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	0.0506	1.9964	0.4248	7.2300e-003	0.2060	0.0147	0.2207	0.0565	0.0140	0.0705		792.6290	792.6290	0.0423	0.1258	831.1656
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0482	0.0363	0.4698	1.2600e-003	0.1453	9.3000e-004	0.1462	0.0385	8.6000e-004	0.0394		127.2444	127.2444	3.7000e-003	3.4800e-003	128.3729
Total	0.0987	2.0326	0.8946	8.4900e-003	0.3513	0.0156	0.3669	0.0950	0.0149	0.1099		919.8735	919.8735	0.0460	0.1293	959.5384

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 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					1.5596	0.0000	1.5596	0.2361	0.0000	0.2361			0.0000			0.0000
Off-Road	1.4725	14.3184	13.4577	0.0241		0.6766	0.6766		0.6328	0.6328		2,324.3959	2,324.3959	0.5893		2,339.1278
Total	1.4725	14.3184	13.4577	0.0241	1.5596	0.6766	2.2362	0.2361	0.6328	0.8689		2,324.3959	2,324.3959	0.5893		2,339.1278

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	0.0210	1.5448	0.3686	6.8100e-003	0.2060	9.6800e-003	0.2157	0.0565	9.2600e-003	0.0657		748.6095	748.6095	0.0414	0.1189	785.0726
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0447	0.0320	0.4318	1.2200e-003	0.1453	8.7000e-004	0.1462	0.0385	8.0000e-004	0.0393		123.1560	123.1560	3.3200e-003	3.2000e-003	124.1941
Total	0.0657	1.5768	0.8004	8.0300e-003	0.3513	0.0106	0.3619	0.0950	0.0101	0.1051		871.7654	871.7654	0.0447	0.1221	909.2667

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 Demolition - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7018	0.0000	0.7018	0.1063	0.0000	0.1063			0.0000			0.0000
Off-Road	1.4725	14.3184	13.4577	0.0241		0.6766	0.6766		0.6328	0.6328	0.0000	2,324.395 9	2,324.395 9	0.5893		2,339.127 8
Total	1.4725	14.3184	13.4577	0.0241	0.7018	0.6766	1.3784	0.1063	0.6328	0.7390	0.0000	2,324.395 9	2,324.395 9	0.5893		2,339.127 8

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	0.0210	1.5448	0.3686	6.8100e-003	0.2060	9.6800e-003	0.2157	0.0565	9.2600e-003	0.0657		748.6095	748.6095	0.0414	0.1189	785.0726
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0447	0.0320	0.4318	1.2200e-003	0.1453	8.7000e-004	0.1462	0.0385	8.0000e-004	0.0393		123.1560	123.1560	3.3200e-003	3.2000e-003	124.1941
Total	0.0657	1.5768	0.8004	8.0300e-003	0.3513	0.0106	0.3619	0.0950	0.0101	0.1051		871.7654	871.7654	0.0447	0.1221	909.2667

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Unmitigated Construction On-Site

[illegible]

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

[illegible]

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.4 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					6.1663	0.0000	6.1663	3.3311	0.0000	3.3311			0.0000			0.0000
Off-Road	1.6070	16.9728	13.0995	0.0272		0.7275	0.7275		0.6693	0.6693		2,634.573 4	2,634.573 4	0.8521		2,655.875 3
Total	1.6070	16.9728	13.0995	0.0272	6.1663	0.7275	6.8938	3.3311	0.6693	4.0004		2,634.573 4	2,634.573 4	0.8521		2,655.875 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3700	27.1902	6.4878	0.1199	3.6258	0.1703	3.7962	0.9940	0.1630	1.1570		13,176.70 37	13,176.70 37	0.7284	2.0926	13,818.51 27
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0516	0.0370	0.4983	1.4100e-003	0.1677	1.0100e-003	0.1687	0.0445	9.3000e-004	0.0454		142.1030	142.1030	3.8300e-003	3.7000e-003	143.3009
Total	0.4216	27.2271	6.9860	0.1213	3.7935	0.1713	3.9648	1.0385	0.1639	1.2024		13,318.80 68	13,318.80 68	0.7322	2.0963	13,961.81 36

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.4 Grading - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7748	0.0000	2.7748	1.4990	0.0000	1.4990			0.0000			0.0000
Off-Road	1.6070	16.9728	13.0995	0.0272		0.7275	0.7275		0.6693	0.6693	0.0000	2,634.573 4	2,634.573 4	0.8521		2,655.875 3
Total	1.6070	16.9728	13.0995	0.0272	2.7748	0.7275	3.5024	1.4990	0.6693	2.1683	0.0000	2,634.573 4	2,634.573 4	0.8521		2,655.875 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3700	27.1902	6.4878	0.1199	3.6258	0.1703	3.7962	0.9940	0.1630	1.1570		13,176.70 37	13,176.70 37	0.7284	2.0926	13,818.51 27
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0516	0.0370	0.4983	1.4100e-003	0.1677	1.0100e-003	0.1687	0.0445	9.3000e-004	0.0454		142.1030	142.1030	3.8300e-003	3.7000e-003	143.3009
Total	0.4216	27.2271	6.9860	0.1213	3.7935	0.1713	3.9648	1.0385	0.1639	1.2024		13,318.80 68	13,318.80 68	0.7322	2.0963	13,961.81 36

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 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	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.7877	2,001.7877	0.3399		2,010.2858

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1101	3.9785	1.5184	0.0185	0.6341	0.0192	0.6534	0.1826	0.0184	0.2010		1,986.1410	1,986.1410	0.0662	0.2858	2,072.9719
Worker	0.7564	0.5422	7.3081	0.0206	2.4591	0.0148	2.4739	0.6522	0.0136	0.6658		2,084.1779	2,084.1779	0.0562	0.0542	2,101.7459
Total	0.8665	4.5207	8.8265	0.0391	3.0932	0.0340	3.1272	0.8348	0.0320	0.8668		4,070.3189	4,070.3189	0.1224	0.3401	4,174.7178

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.7877	2,001.7877	0.3399		2,010.2858

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1101	3.9785	1.5184	0.0185	0.6341	0.0192	0.6534	0.1826	0.0184	0.2010		1,986.1410	1,986.1410	0.0662	0.2858	2,072.9719
Worker	0.7564	0.5422	7.3081	0.0206	2.4591	0.0148	2.4739	0.6522	0.0136	0.6658		2,084.1779	2,084.1779	0.0562	0.0542	2,101.7459
Total	0.8665	4.5207	8.8265	0.0391	3.0932	0.0340	3.1272	0.8348	0.0320	0.8668		4,070.3189	4,070.3189	0.1224	0.3401	4,174.7178

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building 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	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348		2,001.921 4	2,001.921 4	0.3334		2,010.256 3
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348		2,001.921 4	2,001.921 4	0.3334		2,010.256 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1064	3.9867	1.4865	0.0182	0.6341	0.0193	0.6535	0.1826	0.0185	0.2011		1,956.381 9	1,956.381 9	0.0664	0.2818	2,042.025 8
Worker	0.7071	0.4838	6.7969	0.0200	2.4591	0.0142	2.4732	0.6522	0.0130	0.6652		2,025.297 1	2,025.297 1	0.0509	0.0504	2,041.595 3
Total	0.8135	4.4704	8.2834	0.0382	3.0932	0.0335	3.1267	0.8348	0.0315	0.8663		3,981.679 0	3,981.679 0	0.1173	0.3323	4,083.621 1

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2024****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	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.921 4	2,001.921 4	0.3334		2,010.256 3
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.921 4	2,001.921 4	0.3334		2,010.256 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1064	3.9867	1.4865	0.0182	0.6341	0.0193	0.6535	0.1826	0.0185	0.2011		1,956.381 9	1,956.381 9	0.0664	0.2818	2,042.025 8
Worker	0.7071	0.4838	6.7969	0.0200	2.4591	0.0142	2.4732	0.6522	0.0130	0.6652		2,025.297 1	2,025.297 1	0.0509	0.0504	2,041.595 3
Total	0.8135	4.4704	8.2834	0.0382	3.0932	0.0335	3.1267	0.8348	0.0315	0.8663		3,981.679 0	3,981.679 0	0.1173	0.3323	4,083.621 1

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building 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	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785		2,002.1524	2,002.1524	0.3269		2,010.3248
Total	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785		2,002.1524	2,002.1524	0.3269		2,010.3248

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1032	3.9681	1.4596	0.0178	0.6342	0.0194	0.6536	0.1826	0.0186	0.2012		1,921.2186	1,921.2186	0.0669	0.2769	2,005.4187
Worker	0.6632	0.4343	6.3262	0.0194	2.4591	0.0135	2.4726	0.6522	0.0124	0.6646		1,956.5448	1,956.5448	0.0460	0.0471	1,971.7239
Total	0.7664	4.4024	7.7858	0.0372	3.0932	0.0329	3.1261	0.8348	0.0310	0.8657		3,877.7634	3,877.7634	0.1129	0.3240	3,977.1425

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2025****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	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785	0.0000	2,002.1524	2,002.1524	0.3269		2,010.3248
Total	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785	0.0000	2,002.1524	2,002.1524	0.3269		2,010.3248

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1032	3.9681	1.4596	0.0178	0.6342	0.0194	0.6536	0.1826	0.0186	0.2012		1,921.2186	1,921.2186	0.0669	0.2769	2,005.4187
Worker	0.6632	0.4343	6.3262	0.0194	2.4591	0.0135	2.4726	0.6522	0.0124	0.6646		1,956.5448	1,956.5448	0.0460	0.0471	1,971.7239
Total	0.7664	4.4024	7.7858	0.0372	3.0932	0.0329	3.1261	0.8348	0.0310	0.8657		3,877.7634	3,877.7634	0.1129	0.3240	3,977.1425

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.6 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	0.5732	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276		1,297.809 6	1,297.809 6	0.4114		1,308.095 1
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5732	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276		1,297.809 6	1,297.809 6	0.4114		1,308.095 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0392	0.0257	0.3738	1.1400e-003	0.1453	8.0000e-004	0.1461	0.0385	7.3000e-004	0.0393		115.6140	115.6140	2.7200e-003	2.7800e-003	116.5110
Total	0.0392	0.0257	0.3738	1.1400e-003	0.1453	8.0000e-004	0.1461	0.0385	7.3000e-004	0.0393		115.6140	115.6140	2.7200e-003	2.7800e-003	116.5110

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.6 Paving - 2025****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	0.5732	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276	0.0000	1,297.809 6	1,297.809 6	0.4114		1,308.095 1
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5732	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276	0.0000	1,297.809 6	1,297.809 6	0.4114		1,308.095 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0392	0.0257	0.3738	1.1400e-003	0.1453	8.0000e-004	0.1461	0.0385	7.3000e-004	0.0393		115.6140	115.6140	2.7200e-003	2.7800e-003	116.5110
Total	0.0392	0.0257	0.3738	1.1400e-003	0.1453	8.0000e-004	0.1461	0.0385	7.3000e-004	0.0393		115.6140	115.6140	2.7200e-003	2.7800e-003	116.5110

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.7 Architectural Coating - 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	45.5699					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	45.7408	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1326	0.0869	1.2653	3.8700e-003	0.4918	2.7000e-003	0.4945	0.1304	2.4800e-003	0.1329		391.3090	391.3090	9.2000e-003	9.4200e-003	394.3448
Total	0.1326	0.0869	1.2653	3.8700e-003	0.4918	2.7000e-003	0.4945	0.1304	2.4800e-003	0.1329		391.3090	391.3090	9.2000e-003	9.4200e-003	394.3448

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.7 Architectural Coating - 2025****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	45.5699					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	45.7408	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1326	0.0869	1.2653	3.8700e-003	0.4918	2.7000e-003	0.4945	0.1304	2.4800e-003	0.1329		391.3090	391.3090	9.2000e-003	9.4200e-003	394.3448
Total	0.1326	0.0869	1.2653	3.8700e-003	0.4918	2.7000e-003	0.4945	0.1304	2.4800e-003	0.1329		391.3090	391.3090	9.2000e-003	9.4200e-003	394.3448

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	6.8875	7.0398	64.4698	0.1358	15.2080	0.1020	15.3100	4.0512	0.0947	4.1458		13,853.40 38	13,853.40 38	1.0305	0.6336	14,067.96 71
Unmitigated	6.8875	7.0398	64.4698	0.1358	15.2080	0.1020	15.3100	4.0512	0.0947	4.1458		13,853.40 38	13,853.40 38	1.0305	0.6336	14,067.96 71

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
User Defined Commercial	2,756.00	2,756.00	2756.00	7,222,925	7,222,925
Total	2,756.00	2,756.00	2,756.00	7,222,925	7,222,925

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
User Defined Commercial	7.20	0.00	0.00	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.540171	0.064547	0.189075	0.126673	0.023412	0.006384	0.010926	0.008089	0.000929	0.000597	0.025155	0.000706	0.003335
General Office Building	0.540171	0.064547	0.189075	0.126673	0.023412	0.006384	0.010926	0.008089	0.000929	0.000597	0.025155	0.000706	0.003335
High Turnover (Sit Down Restaurant)	0.540171	0.064547	0.189075	0.126673	0.023412	0.006384	0.010926	0.008089	0.000929	0.000597	0.025155	0.000706	0.003335
Other Non-Asphalt Surfaces	0.540171	0.064547	0.189075	0.126673	0.023412	0.006384	0.010926	0.008089	0.000929	0.000597	0.025155	0.000706	0.003335
User Defined Commercial	0.540171	0.064547	0.189075	0.126673	0.023412	0.006384	0.010926	0.008089	0.000929	0.000597	0.025155	0.000706	0.003335

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1554	1.4125	1.1865	8.4700e-003		0.1074	0.1074		0.1074	0.1074		1,694.9761	1,694.9761	0.0325	0.0311	1,705.0485
NaturalGas Unmitigated	0.1554	1.4125	1.1865	8.4700e-003		0.1074	0.1074		0.1074	0.1074		1,694.9761	1,694.9761	0.0325	0.0311	1,705.0485

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		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	9264.31	0.0999	0.9083	0.7629	5.4500e-003		0.0690	0.0690		0.0690	0.0690		1,089.9190	1,089.9190	0.0209	0.0200	1,096.3959
High Turnover (Sit Down Restaurant)	5142.98	0.0555	0.5042	0.4235	3.0300e-003		0.0383	0.0383		0.0383	0.0383		605.0571	605.0571	0.0116	0.0111	608.6526
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1554	1.4125	1.1865	8.4800e-003		0.1074	0.1074		0.1074	0.1074		1,694.9761	1,694.9761	0.0325	0.0311	1,705.0485

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.2 Energy by Land Use - NaturalGas****Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	9.26431	0.0999	0.9083	0.7629	5.4500e-003		0.0690	0.0690		0.0690	0.0690		1,089.9190	1,089.9190	0.0209	0.0200	1,096.3959
High Turnover (Sit Down Restaurant)	5.14298	0.0555	0.5042	0.4235	3.0300e-003		0.0383	0.0383		0.0383	0.0383		605.0571	605.0571	0.0116	0.0111	608.6526
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1554	1.4125	1.1865	8.4800e-003		0.1074	0.1074		0.1074	0.1074		1,694.9761	1,694.9761	0.0325	0.0311	1,705.0485

6.0 Area Detail**6.1 Mitigation Measures Area**

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.6330	9.3000e-004	0.1027	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2207	0.2207	5.7000e-004		0.2350
Unmitigated	7.6330	9.3000e-004	0.1027	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2207	0.2207	5.7000e-004		0.2350

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	0.8739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.7496					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.4500e-003	9.3000e-004	0.1027	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2207	0.2207	5.7000e-004		0.2350
Total	7.6330	9.3000e-004	0.1027	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2207	0.2207	5.7000e-004		0.2350

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.2 Area by SubCategory****Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.7496					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.4500e-003	9.3000e-004	0.1027	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2207	0.2207	5.7000e-004		0.2350
Total	7.6330	9.3000e-004	0.1027	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2207	0.2207	5.7000e-004		0.2350

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment**Fire Pumps and Emergency Generators**

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	7	1840	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 (750 - 9999 HP)	1.5098	6.7517	3.8496	7.2600e-003		0.2221	0.2221		0.2221	0.2221		772.3530	772.3530	0.1083		775.0601
Total	1.5098	6.7517	3.8496	7.2600e-003		0.2221	0.2221		0.2221	0.2221		772.3530	772.3530	0.1083		775.0601

11.0 Vegetation

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4th and Hewitt Project MXD-TDM
Los Angeles-South Coast County, Summer

1.0 Project Characteristics**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	327.98	1000sqft	1.31	327,980.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	660.00	Space	0.00	254,881.00	0
Other Non-Asphalt Surfaces	11.10	1000sqft	0.25	11,098.00	0
High Turnover (Sit Down Restaurant)	8.15	1000sqft	0.00	8,150.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	691.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - 1.31 ac site. 327,980 sf office, 8,150 sf site down restaurant, 660 space parking garage 254,881 sf, 11,098 sf non-asphalt surface. User Defined Commercial

Construction Phase - 25 demo, 70 grading, 547 bldg, 70 pave and coat overlap bldg.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - add 2 backhoes, add 1 excavator

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment -

Off-road Equipment - no prep

Trips and VMT - 10,744 soil export trips (5,372 loads), 218 demo haul trips (109 loads). 27 mil dist.

Demolition - 1,822 tons building and asphalt demo

Grading - 75,200 cy export.

Vehicle Trips - 7.2 vmt/emp trip

Water And Wastewater - Per WSA, office/rest. combined water use gal/yr 15,919,475. 139,430 outdoor. 16,320 gal/yr parking lot cleaning.

Solid Waste - Required diversion

Construction Off-road Equipment Mitigation - Rule 403 dust control

Stationary Sources - Emergency Generators and Fire Pumps - 1 diesel emergency generator. 1,840 hp. load factor 0.73, Maintenance 0.5 hour one day/month (6 hrs/year) + 1 addtl. hour, total approx. 7 hours per year.

Mobile Land Use Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	25.00
tblConstructionPhase	NumDays	2.00	0.00
tblConstructionPhase	NumDays	4.00	70.00
tblConstructionPhase	NumDays	200.00	547.00
tblConstructionPhase	NumDays	10.00	70.00
tblConstructionPhase	NumDays	10.00	70.00
tblGrading	AcresOfGrading	70.00	1.50
tblGrading	MaterialExported	0.00	75,200.00
tblLandUse	LandUseSquareFeet	264,000.00	254,881.00
tblLandUse	LandUseSquareFeet	11,100.00	11,098.00
tblLandUse	LotAcreage	7.53	1.31
tblLandUse	LotAcreage	5.94	0.00
tblLandUse	LotAcreage	0.19	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblSolidWaste	SolidWasteGenerationRate	305.02	76.26
tblSolidWaste	SolidWasteGenerationRate	96.99	24.25
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	1,840.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	0.50
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	7.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblTripsAndVMT	HaulingTripLength	20.00	27.00
tblTripsAndVMT	HaulingTripLength	20.00	27.00
tblTripsAndVMT	HaulingTripNumber	180.00	218.00
tblTripsAndVMT	HaulingTripNumber	9,400.00	10,744.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CW_TL	16.60	7.20
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	122.40	0.00
tblVehicleTrips	ST_TR	0.00	2,756.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	142.64	0.00
tblVehicleTrips	SU_TR	0.00	2,756.00
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	112.18	0.00
tblVehicleTrips	WD_TR	0.00	2,756.00
tblWater	IndoorWaterUseRate	58,293,114.67	15,919,475.00
tblWater	IndoorWaterUseRate	2,473,799.76	0.00
tblWater	OutdoorWaterUseRate	0.00	16,320.00
tblWater	OutdoorWaterUseRate	35,728,038.02	139,430.00

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblWater

OutdoorWaterUseRate

157,902.11

0.00

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	1.7855	18.5738	14.8911	0.0327	1.9109	0.8535	2.7643	0.3311	0.7978	1.1289	0.0000	3,250.2195	3,250.2195	0.6381	0.1290	3,304.6110
2023	2.3413	43.0776	22.0340	0.1485	9.9598	0.8986	10.8583	4.3696	0.8329	5.2025	0.0000	15,950.8944	15,950.8944	1.5854	2.0944	16,614.6499
2024	2.1864	15.3096	21.3461	0.0613	3.0932	0.4840	3.5772	0.8348	0.4662	1.3010	0.0000	6,092.7462	6,092.7462	0.4503	0.3283	6,201.8381
2025	48.5180	21.1692	33.1095	0.0821	3.7304	0.7267	4.4571	1.0037	0.6917	1.6955	0.0000	8,099.2646	8,099.2646	0.8778	0.3318	8,220.0717
Maximum	48.5180	43.0776	33.1095	0.1485	9.9598	0.8986	10.8583	4.3696	0.8329	5.2025	0.0000	15,950.8944	15,950.8944	1.5854	2.0944	16,614.6499

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**2.1 Overall Construction (Maximum Daily Emission)****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	1.7855	18.5738	14.8911	0.0327	1.0531	0.8535	1.9066	0.2013	0.7978	0.9990	0.0000	3,250.2195	3,250.2195	0.6381	0.1290	3,304.6110
2023	2.3413	43.0776	22.0340	0.1485	6.5683	0.8986	7.4669	2.5375	0.8329	3.3704	0.0000	15,950.8944	15,950.8944	1.5854	2.0944	16,614.6499
2024	2.1864	15.3096	21.3461	0.0613	3.0932	0.4840	3.5772	0.8348	0.4662	1.3010	0.0000	6,092.7462	6,092.7462	0.4503	0.3283	6,201.8381
2025	48.5180	21.1692	33.1095	0.0821	3.7304	0.7267	4.4571	1.0037	0.6917	1.6955	0.0000	8,099.2646	8,099.2646	0.8778	0.3318	8,220.0717
Maximum	48.5180	43.0776	33.1095	0.1485	6.5683	0.8986	7.4669	2.5375	0.8329	3.3704	0.0000	15,950.8944	15,950.8944	1.5854	2.0944	16,614.6499

	ROG	NOx	CO	SO2	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	22.73	0.00	19.62	30.00	0.00	21.03	0.00	0.00	0.00	0.00	0.00	0.00

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**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	7.6330	9.3000e-004	0.1027	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2207	0.2207	5.7000e-004		0.2350
Energy	0.1554	1.4125	1.1865	8.4700e-003		0.1074	0.1074		0.1074	0.1074		1,694.9761	1,694.9761	0.0325	0.0311	1,705.0485
Mobile	7.0405	6.5220	65.2079	0.1418	15.2080	0.1019	15.3099	4.0512	0.0946	4.1458		14,455.9008	14,455.9008	0.9969	0.6068	14,661.6370
Stationary	1.5098	6.7517	3.8496	7.2600e-003		0.2221	0.2221		0.2221	0.2221		772.3530	772.3530	0.1083		775.0601
Total	16.3386	14.6870	70.3467	0.1575	15.2080	0.4317	15.6397	4.0512	0.4244	4.4756		16,923.4505	16,923.4505	1.1382	0.6378	17,141.9806

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**2.2 Overall Operational****Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	7.6330	9.3000e-004	0.1027	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2207	0.2207	5.7000e-004		0.2350
Energy	0.1554	1.4125	1.1865	8.4700e-003		0.1074	0.1074		0.1074	0.1074		1,694.9761	1,694.9761	0.0325	0.0311	1,705.0485
Mobile	7.0405	6.5220	65.2079	0.1418	15.2080	0.1019	15.3099	4.0512	0.0946	4.1458		14,455.9008	14,455.9008	0.9969	0.6068	14,661.6370
Stationary	1.5098	6.7517	3.8496	7.2600e-003		0.2221	0.2221		0.2221	0.2221		772.3530	772.3530	0.1083		775.0601
Total	16.3386	14.6870	70.3467	0.1575	15.2080	0.4317	15.6397	4.0512	0.4244	4.4756		16,923.4505	16,923.4505	1.1382	0.6378	17,141.9806

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

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/5/2022	1/6/2023	5	25	
2	Site Preparation	Site Preparation	12/31/2022	12/30/2022	5	0	
3	Grading	Grading	1/9/2023	4/14/2023	5	70	
4	Building Construction	Building Construction	4/17/2023	5/20/2025	5	547	

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5	Paving	Paving	2/5/2025	5/13/2025	5	70
6	Architectural Coating	Architectural Coating	2/5/2025	5/13/2025	5	70

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 1.5****Acres of Paving: 0.25****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 504,195; Non-Residential Outdoor: 168,065; Striped Parking Area: 15,959 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	0	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	1	6.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	218.00	14.70	6.90	27.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	10,744.00	14.70	6.90	27.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	220.00	99.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	44.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 Demolition - 2022****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5596	0.0000	1.5596	0.2361	0.0000	0.2361			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829		2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241	1.5596	0.8379	2.3975	0.2361	0.7829	1.0190		2,323.4168	2,323.4168	0.5921		2,338.2191

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	0.0516	1.9193	0.4189	7.2300e-003	0.2060	0.0147	0.2206	0.0565	0.0140	0.0705		792.4552	792.4552	0.0423	0.1257	830.9835
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0450	0.0328	0.5117	1.3300e-003	0.1453	9.3000e-004	0.1462	0.0385	8.6000e-004	0.0394		134.3475	134.3475	3.6600e-003	3.2500e-003	135.4083
Total	0.0965	1.9521	0.9306	8.5600e-003	0.3513	0.0156	0.3669	0.0950	0.0149	0.1099		926.8027	926.8027	0.0460	0.1290	966.3919

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 Demolition - 2022****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7018	0.0000	0.7018	0.1063	0.0000	0.1063			0.0000			0.0000
Off-Road	1.6889	16.6217	13.9605	0.0241		0.8379	0.8379		0.7829	0.7829	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191
Total	1.6889	16.6217	13.9605	0.0241	0.7018	0.8379	1.5397	0.1063	0.7829	0.8891	0.0000	2,323.4168	2,323.4168	0.5921		2,338.2191

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	0.0516	1.9193	0.4189	7.2300e-003	0.2060	0.0147	0.2206	0.0565	0.0140	0.0705		792.4552	792.4552	0.0423	0.1257	830.9835
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0450	0.0328	0.5117	1.3300e-003	0.1453	9.3000e-004	0.1462	0.0385	8.6000e-004	0.0394		134.3475	134.3475	3.6600e-003	3.2500e-003	135.4083
Total	0.0965	1.9521	0.9306	8.5600e-003	0.3513	0.0156	0.3669	0.0950	0.0149	0.1099		926.8027	926.8027	0.0460	0.1290	966.3919

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 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					1.5596	0.0000	1.5596	0.2361	0.0000	0.2361			0.0000			0.0000
Off-Road	1.4725	14.3184	13.4577	0.0241		0.6766	0.6766		0.6328	0.6328		2,324.3959	2,324.3959	0.5893		2,339.1278
Total	1.4725	14.3184	13.4577	0.0241	1.5596	0.6766	2.2362	0.2361	0.6328	0.8689		2,324.3959	2,324.3959	0.5893		2,339.1278

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	0.0222	1.4812	0.3645	6.8100e-003	0.2060	9.6600e-003	0.2157	0.0565	9.2400e-003	0.0657		748.0189	748.0189	0.0415	0.1188	784.4547
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0290	0.4698	1.2900e-003	0.1453	8.7000e-004	0.1462	0.0385	8.0000e-004	0.0393		130.0098	130.0098	3.2800e-003	3.0000e-003	130.9859
Total	0.0638	1.5102	0.8343	8.1000e-003	0.3513	0.0105	0.3618	0.0950	0.0100	0.1051		878.0287	878.0287	0.0447	0.1218	915.4406

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 Demolition - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.7018	0.0000	0.7018	0.1063	0.0000	0.1063			0.0000			0.0000
Off-Road	1.4725	14.3184	13.4577	0.0241		0.6766	0.6766		0.6328	0.6328	0.0000	2,324.3959	2,324.3959	0.5893		2,339.1278
Total	1.4725	14.3184	13.4577	0.0241	0.7018	0.6766	1.3784	0.1063	0.6328	0.7390	0.0000	2,324.3959	2,324.3959	0.5893		2,339.1278

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	0.0222	1.4812	0.3645	6.8100e-003	0.2060	9.6600e-003	0.2157	0.0565	9.2400e-003	0.0657		748.0189	748.0189	0.0415	0.1188	784.4547
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0416	0.0290	0.4698	1.2900e-003	0.1453	8.7000e-004	0.1462	0.0385	8.0000e-004	0.0393		130.0098	130.0098	3.2800e-003	3.0000e-003	130.9859
Total	0.0638	1.5102	0.8343	8.1000e-003	0.3513	0.0105	0.3618	0.0950	0.0100	0.1051		878.0287	878.0287	0.0447	0.1218	915.4406

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Unmitigated Construction On-Site

[illegible]

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

[illegible]

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.4 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					6.1663	0.0000	6.1663	3.3311	0.0000	3.3311			0.0000			0.0000
Off-Road	1.6070	16.9728	13.0995	0.0272		0.7275	0.7275		0.6693	0.6693		2,634.573 4	2,634.573 4	0.8521		2,655.875 3
Total	1.6070	16.9728	13.0995	0.0272	6.1663	0.7275	6.8938	3.3311	0.6693	4.0004		2,634.573 4	2,634.573 4	0.8521		2,655.875 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3915	26.0713	6.4161	0.1198	3.6258	0.1700	3.7958	0.9940	0.1626	1.1566		13,166.30 97	13,166.30 97	0.7296	2.0909	13,807.63 72
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0480	0.0335	0.5421	1.4800e-003	0.1677	1.0100e-003	0.1687	0.0445	9.3000e-004	0.0454		150.0113	150.0113	3.7800e-003	3.4600e-003	151.1375
Total	0.4395	26.1048	6.9582	0.1213	3.7935	0.1710	3.9645	1.0385	0.1636	1.2020		13,316.32 10	13,316.32 10	0.7334	2.0944	13,958.77 47

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.4 Grading - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.7748	0.0000	2.7748	1.4990	0.0000	1.4990			0.0000			0.0000
Off-Road	1.6070	16.9728	13.0995	0.0272		0.7275	0.7275		0.6693	0.6693	0.0000	2,634.573 4	2,634.573 4	0.8521		2,655.875 3
Total	1.6070	16.9728	13.0995	0.0272	2.7748	0.7275	3.5024	1.4990	0.6693	2.1683	0.0000	2,634.573 4	2,634.573 4	0.8521		2,655.875 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.3915	26.0713	6.4161	0.1198	3.6258	0.1700	3.7958	0.9940	0.1626	1.1566		13,166.30 97	13,166.30 97	0.7296	2.0909	13,807.63 72
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0480	0.0335	0.5421	1.4800e-003	0.1677	1.0100e-003	0.1687	0.0445	9.3000e-004	0.0454		150.0113	150.0113	3.7800e-003	3.4600e-003	151.1375
Total	0.4395	26.1048	6.9582	0.1213	3.7935	0.1710	3.9645	1.0385	0.1636	1.2020		13,316.32 10	13,316.32 10	0.7334	2.0944	13,958.77 47

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 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	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.787 7	2,001.787 7	0.3399		2,010.285 8
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968		2,001.787 7	2,001.787 7	0.3399		2,010.285 8

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1140	3.8000	1.4721	0.0184	0.6341	0.0191	0.6532	0.1826	0.0183	0.2009		1,982.796 5	1,982.796 5	0.0665	0.2851	2,069.408 0
Worker	0.7041	0.4908	7.9508	0.0218	2.4591	0.0148	2.4739	0.6522	0.0136	0.6658		2,200.165 8	2,200.165 8	0.0555	0.0508	2,216.683 6
Total	0.8180	4.2908	9.4229	0.0402	3.0932	0.0339	3.1271	0.8348	0.0319	0.8666		4,182.962 3	4,182.962 3	0.1219	0.3358	4,286.091 6

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.787 7	2,001.787 7	0.3399		2,010.285 8
Total	1.5233	11.7104	12.6111	0.0221		0.5145	0.5145		0.4968	0.4968	0.0000	2,001.787 7	2,001.787 7	0.3399		2,010.285 8

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1140	3.8000	1.4721	0.0184	0.6341	0.0191	0.6532	0.1826	0.0183	0.2009		1,982.796 5	1,982.796 5	0.0665	0.2851	2,069.408 0
Worker	0.7041	0.4908	7.9508	0.0218	2.4591	0.0148	2.4739	0.6522	0.0136	0.6658		2,200.165 8	2,200.165 8	0.0555	0.0508	2,216.683 6
Total	0.8180	4.2908	9.4229	0.0402	3.0932	0.0339	3.1271	0.8348	0.0319	0.8666		4,182.962 3	4,182.962 3	0.1219	0.3358	4,286.091 6

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building 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	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348		2,001.921 4	2,001.921 4	0.3334		2,010.256 3
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348		2,001.921 4	2,001.921 4	0.3334		2,010.256 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1105	3.8077	1.4408	0.0181	0.6341	0.0192	0.6534	0.1826	0.0184	0.2010		1,953.018 6	1,953.018 6	0.0667	0.2811	2,038.449 7
Worker	0.6559	0.4381	7.3881	0.0212	2.4591	0.0142	2.4732	0.6522	0.0130	0.6652		2,137.806 2	2,137.806 2	0.0502	0.0472	2,153.132 2
Total	0.7664	4.2458	8.8289	0.0393	3.0932	0.0334	3.1266	0.8348	0.0314	0.8662		4,090.824 8	4,090.824 8	0.1169	0.3283	4,191.581 9

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2024****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	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.921 4	2,001.921 4	0.3334		2,010.256 3
Total	1.4200	11.0639	12.5172	0.0221		0.4506	0.4506		0.4348	0.4348	0.0000	2,001.921 4	2,001.921 4	0.3334		2,010.256 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1105	3.8077	1.4408	0.0181	0.6341	0.0192	0.6534	0.1826	0.0184	0.2010		1,953.018 6	1,953.018 6	0.0667	0.2811	2,038.449 7
Worker	0.6559	0.4381	7.3881	0.0212	2.4591	0.0142	2.4732	0.6522	0.0130	0.6652		2,137.806 2	2,137.806 2	0.0502	0.0472	2,153.132 2
Total	0.7664	4.2458	8.8289	0.0393	3.0932	0.0334	3.1266	0.8348	0.0314	0.8662		4,090.824 8	4,090.824 8	0.1169	0.3283	4,191.581 9

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building 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	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785		2,002.1524	2,002.1524	0.3269		2,010.3248
Total	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785		2,002.1524	2,002.1524	0.3269		2,010.3248

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1074	3.7897	1.4143	0.0178	0.6342	0.0193	0.6534	0.1826	0.0185	0.2011		1,917.8566	1,917.8566	0.0672	0.2762	2,001.8497
Worker	0.6132	0.3934	6.8713	0.0204	2.4591	0.0135	2.4726	0.6522	0.0124	0.6646		2,064.9803	2,064.9803	0.0453	0.0441	2,079.2543
Total	0.7205	4.1831	8.2856	0.0382	3.0932	0.0328	3.1260	0.8348	0.0309	0.8656		3,982.8368	3,982.8368	0.1124	0.3203	4,081.1041

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2025****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	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785	0.0000	2,002.152 4	2,002.152 4	0.3269		2,010.324 8
Total	1.3246	10.4128	12.4393	0.0221		0.3925	0.3925		0.3785	0.3785	0.0000	2,002.152 4	2,002.152 4	0.3269		2,010.324 8

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.1074	3.7897	1.4143	0.0178	0.6342	0.0193	0.6534	0.1826	0.0185	0.2011		1,917.856 6	1,917.856 6	0.0672	0.2762	2,001.849 7
Worker	0.6132	0.3934	6.8713	0.0204	2.4591	0.0135	2.4726	0.6522	0.0124	0.6646		2,064.980 3	2,064.980 3	0.0453	0.0441	2,079.254 3
Total	0.7205	4.1831	8.2856	0.0382	3.0932	0.0328	3.1260	0.8348	0.0309	0.8656		3,982.836 8	3,982.836 8	0.1124	0.3203	4,081.104 1

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.6 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	0.5732	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276		1,297.809 6	1,297.809 6	0.4114		1,308.095 1
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5732	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276		1,297.809 6	1,297.809 6	0.4114		1,308.095 1

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0362	0.0233	0.4060	1.2100e-003	0.1453	8.0000e-004	0.1461	0.0385	7.3000e-004	0.0393		122.0216	122.0216	2.6700e-003	2.6100e-003	122.8650
Total	0.0362	0.0233	0.4060	1.2100e-003	0.1453	8.0000e-004	0.1461	0.0385	7.3000e-004	0.0393		122.0216	122.0216	2.6700e-003	2.6100e-003	122.8650

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.6 Paving - 2025****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	0.5732	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276	0.0000	1,297.809 6	1,297.809 6	0.4114		1,308.095 1
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.5732	5.3259	8.7951	0.0136		0.2465	0.2465		0.2276	0.2276	0.0000	1,297.809 6	1,297.809 6	0.4114		1,308.095 1

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0362	0.0233	0.4060	1.2100e-003	0.1453	8.0000e-004	0.1461	0.0385	7.3000e-004	0.0393		122.0216	122.0216	2.6700e-003	2.6100e-003	122.8650
Total	0.0362	0.0233	0.4060	1.2100e-003	0.1453	8.0000e-004	0.1461	0.0385	7.3000e-004	0.0393		122.0216	122.0216	2.6700e-003	2.6100e-003	122.8650

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.7 Architectural Coating - 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	45.5699					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	45.7408	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1226	0.0787	1.3743	4.0900e-003	0.4918	2.7000e-003	0.4945	0.1304	2.4800e-003	0.1329		412.9961	412.9961	9.0500e-003	8.8200e-003	415.8509
Total	0.1226	0.0787	1.3743	4.0900e-003	0.4918	2.7000e-003	0.4945	0.1304	2.4800e-003	0.1329		412.9961	412.9961	9.0500e-003	8.8200e-003	415.8509

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.7 Architectural Coating - 2025****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	45.5699					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	45.7408	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1226	0.0787	1.3743	4.0900e-003	0.4918	2.7000e-003	0.4945	0.1304	2.4800e-003	0.1329		412.9961	412.9961	9.0500e-003	8.8200e-003	415.8509
Total	0.1226	0.0787	1.3743	4.0900e-003	0.4918	2.7000e-003	0.4945	0.1304	2.4800e-003	0.1329		412.9961	412.9961	9.0500e-003	8.8200e-003	415.8509

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.0405	6.5220	65.2079	0.1418	15.2080	0.1019	15.3099	4.0512	0.0946	4.1458		14,455.90 08	14,455.90 08	0.9969	0.6068	14,661.63 70
Unmitigated	7.0405	6.5220	65.2079	0.1418	15.2080	0.1019	15.3099	4.0512	0.0946	4.1458		14,455.90 08	14,455.90 08	0.9969	0.6068	14,661.63 70

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
User Defined Commercial	2,756.00	2,756.00	2756.00	7,222,925	7,222,925
Total	2,756.00	2,756.00	2,756.00	7,222,925	7,222,925

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
User Defined Commercial	7.20	0.00	0.00	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.540171	0.064547	0.189075	0.126673	0.023412	0.006384	0.010926	0.008089	0.000929	0.000597	0.025155	0.000706	0.003335
General Office Building	0.540171	0.064547	0.189075	0.126673	0.023412	0.006384	0.010926	0.008089	0.000929	0.000597	0.025155	0.000706	0.003335
High Turnover (Sit Down Restaurant)	0.540171	0.064547	0.189075	0.126673	0.023412	0.006384	0.010926	0.008089	0.000929	0.000597	0.025155	0.000706	0.003335
Other Non-Asphalt Surfaces	0.540171	0.064547	0.189075	0.126673	0.023412	0.006384	0.010926	0.008089	0.000929	0.000597	0.025155	0.000706	0.003335
User Defined Commercial	0.540171	0.064547	0.189075	0.126673	0.023412	0.006384	0.010926	0.008089	0.000929	0.000597	0.025155	0.000706	0.003335

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.1554	1.4125	1.1865	8.4700e-003		0.1074	0.1074		0.1074	0.1074		1,694.9761	1,694.9761	0.0325	0.0311	1,705.0485
NaturalGas Unmitigated	0.1554	1.4125	1.1865	8.4700e-003		0.1074	0.1074		0.1074	0.1074		1,694.9761	1,694.9761	0.0325	0.0311	1,705.0485

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		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	9264.31	0.0999	0.9083	0.7629	5.4500e-003		0.0690	0.0690		0.0690	0.0690		1,089.9190	1,089.9190	0.0209	0.0200	1,096.3959
High Turnover (Sit Down Restaurant)	5142.98	0.0555	0.5042	0.4235	3.0300e-003		0.0383	0.0383		0.0383	0.0383		605.0571	605.0571	0.0116	0.0111	608.6526
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1554	1.4125	1.1865	8.4800e-003		0.1074	0.1074		0.1074	0.1074		1,694.9761	1,694.9761	0.0325	0.0311	1,705.0485

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.2 Energy by Land Use - NaturalGas****Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	9.26431	0.0999	0.9083	0.7629	5.4500e-003		0.0690	0.0690		0.0690	0.0690		1,089.9190	1,089.9190	0.0209	0.0200	1,096.3959
High Turnover (Sit Down Restaurant)	5.14298	0.0555	0.5042	0.4235	3.0300e-003		0.0383	0.0383		0.0383	0.0383		605.0571	605.0571	0.0116	0.0111	608.6526
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.1554	1.4125	1.1865	8.4800e-003		0.1074	0.1074		0.1074	0.1074		1,694.9761	1,694.9761	0.0325	0.0311	1,705.0485

6.0 Area Detail**6.1 Mitigation Measures Area**

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	7.6330	9.3000e-004	0.1027	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2207	0.2207	5.7000e-004		0.2350
Unmitigated	7.6330	9.3000e-004	0.1027	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2207	0.2207	5.7000e-004		0.2350

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	0.8739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.7496					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.4500e-003	9.3000e-004	0.1027	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2207	0.2207	5.7000e-004		0.2350
Total	7.6330	9.3000e-004	0.1027	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2207	0.2207	5.7000e-004		0.2350

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.2 Area by SubCategory****Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.8739					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.7496					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	9.4500e-003	9.3000e-004	0.1027	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2207	0.2207	5.7000e-004		0.2350
Total	7.6330	9.3000e-004	0.1027	1.0000e-005		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004		0.2207	0.2207	5.7000e-004		0.2350

7.0 Water Detail**7.1 Mitigation Measures Water****8.0 Waste Detail****8.1 Mitigation Measures Waste****9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment**Fire Pumps and Emergency Generators**

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	0.5	7	1840	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 (750 - 9999 HP)	1.5098	6.7517	3.8496	7.2600e-003		0.2221	0.2221		0.2221	0.2221		772.3530	772.3530	0.1083		775.0601
Total	1.5098	6.7517	3.8496	7.2600e-003		0.2221	0.2221		0.2221	0.2221		772.3530	772.3530	0.1083		775.0601

11.0 Vegetation

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**4th and Hewitt Project MXD-TDM
Los Angeles-South Coast County, Annual****1.0 Project Characteristics****1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	327.98	1000sqft	1.31	327,980.00	0
User Defined Commercial	1.00	User Defined Unit	0.00	0.00	0
Enclosed Parking with Elevator	660.00	Space	0.00	254,881.00	0
Other Non-Asphalt Surfaces	11.10	1000sqft	0.25	11,098.00	0
High Turnover (Sit Down Restaurant)	8.15	1000sqft	0.00	8,150.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	33
Climate Zone	11			Operational Year	2025
Utility Company	Los Angeles Department of Water & Power				
CO2 Intensity (lb/MWhr)	691.98	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - 1.31 ac site. 327,980 sf office, 8,150 sf site down restaurant, 660 space parking garage 254,881 sf, 11,098 sf non-asphalt surface. User Defined Commercial

Construction Phase - 25 demo, 70 grading, 547 bldg, 70 pave and coat overlap bldg.

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - add 2 backhoes, add 1 excavator

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment -

Off-road Equipment - no prep

Trips and VMT - 10,744 soil export trips (5,372 loads), 218 demo haul trips (109 loads). 27 mil dist.

Demolition - 1,822 tons building and asphalt demo

Grading - 75,200 cy export.

Vehicle Trips - 7.2 vmt/emp trip

Water And Wastewater - Per WSA, office/rest. combined water use gal/yr 15,919,475. 139,430 outdoor. 16,320 gal/yr parking lot cleaning.

Solid Waste - Required diversion

Construction Off-road Equipment Mitigation - Rule 403 dust control

Stationary Sources - Emergency Generators and Fire Pumps - 1 diesel emergency generator. 1,840 hp. load factor 0.73, Maintenance 0.5 hour one day/month (6 hrs/year) + 1 addtl. hour, total approx. 7 hours per year.

Mobile Land Use Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	25.00
tblConstructionPhase	NumDays	2.00	0.00
tblConstructionPhase	NumDays	4.00	70.00
tblConstructionPhase	NumDays	200.00	547.00
tblConstructionPhase	NumDays	10.00	70.00
tblConstructionPhase	NumDays	10.00	70.00
tblGrading	AcresOfGrading	70.00	1.50
tblGrading	MaterialExported	0.00	75,200.00
tblLandUse	LandUseSquareFeet	264,000.00	254,881.00
tblLandUse	LandUseSquareFeet	11,100.00	11,098.00
tblLandUse	LotAcreage	7.53	1.31
tblLandUse	LotAcreage	5.94	0.00
tblLandUse	LotAcreage	0.19	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	3.00

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblSolidWaste	SolidWasteGenerationRate	305.02	76.26
tblSolidWaste	SolidWasteGenerationRate	96.99	24.25
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	1,840.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	0.50
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	7.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblTripsAndVMT	HaulingTripLength	20.00	27.00
tblTripsAndVMT	HaulingTripLength	20.00	27.00
tblTripsAndVMT	HaulingTripNumber	180.00	218.00
tblTripsAndVMT	HaulingTripNumber	9,400.00	10,744.00
tblVehicleTrips	CC_TL	8.40	0.00
tblVehicleTrips	CNW_TL	6.90	0.00
tblVehicleTrips	CW_TL	16.60	7.20
tblVehicleTrips	CW_TTP	0.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	122.40	0.00
tblVehicleTrips	ST_TR	0.00	2,756.00
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	142.64	0.00
tblVehicleTrips	SU_TR	0.00	2,756.00
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	112.18	0.00
tblVehicleTrips	WD_TR	0.00	2,756.00
tblWater	IndoorWaterUseRate	58,293,114.67	15,919,475.00
tblWater	IndoorWaterUseRate	2,473,799.76	0.00
tblWater	OutdoorWaterUseRate	0.00	16,320.00
tblWater	OutdoorWaterUseRate	35,728,038.02	139,430.00

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblWater

OutdoorWaterUseRate

157,902.11

0.00

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	0.0179	0.1868	0.1486	3.3000e-004	0.0190	8.5300e-003	0.0276	3.3000e-003	7.9800e-003	0.0113	0.0000	29.4390	29.4390	5.7900e-003	1.1700e-003	29.9332
2023	0.2909	3.1010	2.7356	0.0110	0.6318	0.0839	0.7157	0.2291	0.0797	0.3088	0.0000	1,025.6556	1,025.6556	0.0906	0.0954	1,056.3471
2024	0.2855	2.0378	2.7443	7.9300e-003	0.3976	0.0634	0.4610	0.1075	0.0611	0.1686	0.0000	714.4510	714.4510	0.0536	0.0395	727.5740
2025	1.7285	0.9723	1.4480	3.7300e-003	0.1736	0.0318	0.2054	0.0468	0.0304	0.0772	0.0000	334.4170	334.4170	0.0339	0.0151	339.7667
Maximum	1.7285	3.1010	2.7443	0.0110	0.6318	0.0839	0.7157	0.2291	0.0797	0.3088	0.0000	1,025.6556	1,025.6556	0.0906	0.0954	1,056.3471

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**2.1 Overall Construction****Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0179	0.1868	0.1486	3.3000e-004	0.0105	8.5300e-003	0.0190	2.0000e-003	7.9800e-003	9.9700e-003	0.0000	29.4390	29.4390	5.7900e-003	1.1700e-003	29.9332
2023	0.2909	3.1010	2.7356	0.0110	0.5109	0.0839	0.5948	0.1646	0.0797	0.2443	0.0000	1,025.6553	1,025.6553	0.0906	0.0954	1,056.3468
2024	0.2855	2.0378	2.7443	7.9300e-003	0.3976	0.0634	0.4610	0.1075	0.0611	0.1686	0.0000	714.4508	714.4508	0.0536	0.0395	727.5737
2025	1.7285	0.9723	1.4480	3.7300e-003	0.1736	0.0318	0.2054	0.0468	0.0304	0.0772	0.0000	334.4169	334.4169	0.0339	0.0151	339.7666
Maximum	1.7285	3.1010	2.7443	0.0110	0.5109	0.0839	0.5948	0.1646	0.0797	0.2443	0.0000	1,025.6553	1,025.6553	0.0906	0.0954	1,056.3468

	ROG	NOx	CO	SO2	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	10.59	0.00	9.18	17.00	0.00	11.62	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	12-5-2022	3-4-2023	1.1425	1.1425
2	3-5-2023	6-4-2023	0.9924	0.9924
3	6-5-2023	9-4-2023	0.6027	0.6027
4	9-5-2023	12-4-2023	0.6026	0.6026
5	12-5-2023	3-4-2024	0.5857	0.5857
6	3-5-2024	6-4-2024	0.5775	0.5775
7	6-5-2024	9-4-2024	0.5749	0.5749
8	9-5-2024	12-4-2024	0.5749	0.5749

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

9	12-5-2024	3-4-2025	1.0824	1.0824
10	3-5-2025	6-4-2025	1.7866	1.7866
		Highest	1.7866	1.7866

2.2 Overall Operational
Unmitigated Operational

	CO	NOx	CO ₂	SO ₂	Fugitive PM ₁₀	Exhaust PM ₁₀	Total PM ₁₀	Fugitive PM _{2.5}	Exhaust PM _{2.5}	Total PM _{2.5}	Bio- CO ₂	NBio- CO ₂	Total CO ₂	CH ₄	N ₂ O	CO _{2e}
Category	tons/yr										MT/yr					
Area	1.3925	1.2000e-004	0.0128	0.0000	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	5.0000e-005	0.0000	0.0250	0.0250	7.0000e-005	0.0000	0.0267
Energy	0.0284	0.2578	0.2165	1.5500e-003	0.0196	0.0196	0.0196	0.0196	0.0196	0.0196	0.0000	2.113.334	2.113.334	0.0928	0.0157	2.120.344
Mobile	1.2302	1.2966	11.8107	0.0250	0.0185	2.7324	0.7241	0.0172	0.7413	0.0000	2.311.199	2.311.199	0.1691	0.1051	2.346.744	1
Stationary	0.0106	0.0473	0.0270	5.0000e-005	1.5500e-003	1.5500e-003	1.5500e-003	1.5500e-003	1.5500e-003	1.5500e-003	0.0000	4.9047	4.9047	6.9000e-004	0.0000	4.9219
Waste					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	20.4026	0.0000	1.2058	0.0000	50.5466	
Water					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	5.0505	65.6059	70.6564	0.5219	0.0126	87.4661
Total	2.6616	1.6018	12.0670	0.0266	2.7139	0.0397	2.7536	0.7241	0.0384	0.7625	25.4531	4,495.069	4,520.522	1.9903	0.1335	4,610.049

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.3925	1.2000e-004	0.0128	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0250	0.0250	7.0000e-005	0.0000	0.0267
Energy	0.0284	0.2578	0.2165	1.5500e-003		0.0196	0.0196		0.0196	0.0196	0.0000	2,113.3345	2,113.3345	0.0928	0.0157	2,120.3441
Mobile	1.2302	1.2966	11.8107	0.0250	2.7139	0.0185	2.7324	0.7241	0.0172	0.7413	0.0000	2,311.1994	2,311.1994	0.1691	0.1051	2,346.7441
Stationary	0.0106	0.0473	0.0270	5.0000e-005		1.5500e-003	1.5500e-003		1.5500e-003	1.5500e-003	0.0000	4.9047	4.9047	6.9000e-004	0.0000	4.9219
Waste						0.0000	0.0000		0.0000	0.0000	20.4026	0.0000	20.4026	1.2058	0.0000	50.5466
Water						0.0000	0.0000		0.0000	0.0000	5.0505	65.6059	70.6564	0.5219	0.0126	87.4661
Total	2.6616	1.6018	12.0670	0.0266	2.7139	0.0397	2.7536	0.7241	0.0384	0.7625	25.4531	4,495.0695	4,520.5226	1.9903	0.1335	4,610.0494

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	12/5/2022	1/6/2023	5	25	
2	Site Preparation	Site Preparation	12/31/2022	12/30/2022	5	0	

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3	Grading	Grading	1/9/2023	4/14/2023	5	70
4	Building Construction	Building Construction	4/17/2023	5/20/2025	5	547
5	Paving	Paving	2/5/2025	5/13/2025	5	70
6	Architectural Coating	Architectural Coating	2/5/2025	5/13/2025	5	70

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 1.5****Acres of Paving: 0.25****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 504,195; Non-Residential Outdoor: 168,065; Striped Parking Area: 15,959 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	1	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Site Preparation	Graders	0	8.00	187	0.41
Site Preparation	Rubber Tired Dozers	0	7.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	0	8.00	97	0.37
Grading	Excavators	1	6.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Cranes	1	6.00	231	0.29
Building Construction	Forklifts	1	6.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	1	6.00	97	0.37
Building Construction	Welders	3	8.00	46	0.45
Paving	Cement and Mortar Mixers	1	6.00	9	0.56

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	5	13.00	0.00	218.00	14.70	6.90	27.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	0	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	10,744.00	14.70	6.90	27.00	LD_Mix	HDT_Mix	HHDT
Building Construction	7	220.00	99.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	44.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 Demolition - 2022****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0156	0.0000	0.0156	2.3600e-003	0.0000	2.3600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0169	0.1662	0.1396	2.4000e-004		8.3800e-003	8.3800e-003		7.8300e-003	7.8300e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2120
Total	0.0169	0.1662	0.1396	2.4000e-004	0.0156	8.3800e-003	0.0240	2.3600e-003	7.8300e-003	0.0102	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2120

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	5.1000e-004	0.0202	4.2100e-003	7.0000e-005	2.0200e-003	1.5000e-004	2.1700e-003	5.6000e-004	1.4000e-004	7.0000e-004	0.0000	7.1897	7.1897	3.8000e-004	1.1400e-003	7.5393
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5000e-004	3.7000e-004	4.8200e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1716	1.1716	3.0000e-005	3.0000e-005	1.1820
Total	9.6000e-004	0.0206	9.0300e-003	8.0000e-005	3.4400e-003	1.6000e-004	3.6000e-003	9.4000e-004	1.5000e-004	1.0900e-003	0.0000	8.3613	8.3613	4.1000e-004	1.1700e-003	8.7213

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 Demolition - 2022****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					7.0200e-003	0.0000	7.0200e-003	1.0600e-003	0.0000	1.0600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0169	0.1662	0.1396	2.4000e-004		8.3800e-003	8.3800e-003		7.8300e-003	7.8300e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2119
Total	0.0169	0.1662	0.1396	2.4000e-004	7.0200e-003	8.3800e-003	0.0154	1.0600e-003	7.8300e-003	8.8900e-003	0.0000	21.0777	21.0777	5.3700e-003	0.0000	21.2119

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	5.1000e-004	0.0202	4.2100e-003	7.0000e-005	2.0200e-003	1.5000e-004	2.1700e-003	5.6000e-004	1.4000e-004	7.0000e-004	0.0000	7.1897	7.1897	3.8000e-004	1.1400e-003	7.5393
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.5000e-004	3.7000e-004	4.8200e-003	1.0000e-005	1.4200e-003	1.0000e-005	1.4300e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.1716	1.1716	3.0000e-005	3.0000e-005	1.1820
Total	9.6000e-004	0.0206	9.0300e-003	8.0000e-005	3.4400e-003	1.6000e-004	3.6000e-003	9.4000e-004	1.5000e-004	1.0900e-003	0.0000	8.3613	8.3613	4.1000e-004	1.1700e-003	8.7213

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 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	tons/yr										MT/yr					
Fugitive Dust					3.9000e-003	0.0000	3.9000e-003	5.9000e-004	0.0000	5.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6800e-003	0.0358	0.0336	6.0000e-005		1.6900e-003	1.6900e-003		1.5800e-003	1.5800e-003	0.0000	5.2716	5.2716	1.3400e-003	0.0000	5.3051
Total	3.6800e-003	0.0358	0.0336	6.0000e-005	3.9000e-003	1.6900e-003	5.5900e-003	5.9000e-004	1.5800e-003	2.1700e-003	0.0000	5.2716	5.2716	1.3400e-003	0.0000	5.3051

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	5.0000e-005	3.9000e-003	9.2000e-004	2.0000e-005	5.1000e-004	2.0000e-005	5.3000e-004	1.4000e-004	2.0000e-005	1.6000e-004	0.0000	1.6970	1.6970	9.0000e-005	2.7000e-004	1.7797
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	8.0000e-005	1.1100e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.2835	0.2835	1.0000e-005	1.0000e-005	0.2859
Total	1.5000e-004	3.9800e-003	2.0300e-003	2.0000e-005	8.7000e-004	2.0000e-005	8.9000e-004	2.3000e-004	2.0000e-005	2.6000e-004	0.0000	1.9805	1.9805	1.0000e-004	2.8000e-004	2.0656

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 Demolition - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.7500e-003	0.0000	1.7500e-003	2.7000e-004	0.0000	2.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.6800e-003	0.0358	0.0336	6.0000e-005		1.6900e-003	1.6900e-003		1.5800e-003	1.5800e-003	0.0000	5.2716	5.2716	1.3400e-003	0.0000	5.3051
Total	3.6800e-003	0.0358	0.0336	6.0000e-005	1.7500e-003	1.6900e-003	3.4400e-003	2.7000e-004	1.5800e-003	1.8500e-003	0.0000	5.2716	5.2716	1.3400e-003	0.0000	5.3051

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	5.0000e-005	3.9000e-003	9.2000e-004	2.0000e-005	5.1000e-004	2.0000e-005	5.3000e-004	1.4000e-004	2.0000e-005	1.6000e-004	0.0000	1.6970	1.6970	9.0000e-005	2.7000e-004	1.7797
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.0000e-004	8.0000e-005	1.1100e-003	0.0000	3.6000e-004	0.0000	3.6000e-004	9.0000e-005	0.0000	1.0000e-004	0.0000	0.2835	0.2835	1.0000e-005	1.0000e-005	0.2859
Total	1.5000e-004	3.9800e-003	2.0300e-003	2.0000e-005	8.7000e-004	2.0000e-005	8.9000e-004	2.3000e-004	2.0000e-005	2.6000e-004	0.0000	1.9805	1.9805	1.0000e-004	2.8000e-004	2.0656

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Unmitigated Construction On-Site

[illegible]

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction On-Site

[illegible]

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.4 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					0.2158	0.0000	0.2158	0.1166	0.0000	0.1166	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0562	0.5941	0.4585	9.5000e-004		0.0255	0.0255		0.0234	0.0234	0.0000	83.6516	83.6516	0.0271	0.0000	84.3279
Total	0.0562	0.5941	0.4585	9.5000e-004	0.2158	0.0255	0.2413	0.1166	0.0234	0.1400	0.0000	83.6516	83.6516	0.0271	0.0000	84.3279

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	0.0134	0.9623	0.2255	4.1900e-003	0.1247	5.9500e-003	0.1307	0.0343	5.7000e-003	0.0400	0.0000	418.1881	418.1881	0.0232	0.0664	438.5582
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6700e-003	1.3200e-003	0.0179	5.0000e-005	5.7500e-003	4.0000e-005	5.7900e-003	1.5300e-003	3.0000e-005	1.5600e-003	0.0000	4.5793	4.5793	1.2000e-004	1.2000e-004	4.6179
Total	0.0151	0.9636	0.2434	4.2400e-003	0.1305	5.9900e-003	0.1365	0.0358	5.7300e-003	0.0415	0.0000	422.7674	422.7674	0.0233	0.0665	443.1761

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.4 Grading - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0971	0.0000	0.0971	0.0525	0.0000	0.0525	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0562	0.5941	0.4585	9.5000e-004		0.0255	0.0255		0.0234	0.0234	0.0000	83.6515	83.6515	0.0271	0.0000	84.3278
Total	0.0562	0.5941	0.4585	9.5000e-004	0.0971	0.0255	0.1226	0.0525	0.0234	0.0759	0.0000	83.6515	83.6515	0.0271	0.0000	84.3278

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	0.0134	0.9623	0.2255	4.1900e-003	0.1247	5.9500e-003	0.1307	0.0343	5.7000e-003	0.0400	0.0000	418.1881	418.1881	0.0232	0.0664	438.5582
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6700e-003	1.3200e-003	0.0179	5.0000e-005	5.7500e-003	4.0000e-005	5.7900e-003	1.5300e-003	3.0000e-005	1.5600e-003	0.0000	4.5793	4.5793	1.2000e-004	1.2000e-004	4.6179
Total	0.0151	0.9636	0.2434	4.2400e-003	0.1305	5.9900e-003	0.1365	0.0358	5.7300e-003	0.0415	0.0000	422.7674	422.7674	0.0233	0.0665	443.1761

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1409	1.0832	1.1665	2.0400e-003		0.0476	0.0476		0.0460	0.0460	0.0000	167.9792	167.9792	0.0285	0.0000	168.6923
Total	0.1409	1.0832	1.1665	2.0400e-003		0.0476	0.0476		0.0460	0.0460	0.0000	167.9792	167.9792	0.0285	0.0000	168.6923

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0103	0.3691	0.1381	1.7100e-003	0.0577	1.7700e-003	0.0595	0.0167	1.6900e-003	0.0184	0.0000	166.5037	166.5037	5.5700e-003	0.0240	173.7836
Worker	0.0646	0.0513	0.6933	1.9400e-003	0.2230	1.3700e-003	0.2244	0.0592	1.2600e-003	0.0605	0.0000	177.5016	177.5016	4.7200e-003	4.6200e-003	178.9965
Total	0.0749	0.4203	0.8315	3.6500e-003	0.2807	3.1400e-003	0.2839	0.0759	2.9500e-003	0.0788	0.0000	344.0053	344.0053	0.0103	0.0286	352.7801

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1409	1.0832	1.1665	2.0400e-003		0.0476	0.0476		0.0460	0.0460	0.0000	167.9790	167.9790	0.0285	0.0000	168.6921
Total	0.1409	1.0832	1.1665	2.0400e-003		0.0476	0.0476		0.0460	0.0460	0.0000	167.9790	167.9790	0.0285	0.0000	168.6921

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0103	0.3691	0.1381	1.7100e-003	0.0577	1.7700e-003	0.0595	0.0167	1.6900e-003	0.0184	0.0000	166.5037	166.5037	5.5700e-003	0.0240	173.7836
Worker	0.0646	0.0513	0.6933	1.9400e-003	0.2230	1.3700e-003	0.2244	0.0592	1.2600e-003	0.0605	0.0000	177.5016	177.5016	4.7200e-003	4.6200e-003	178.9965
Total	0.0749	0.4203	0.8315	3.6500e-003	0.2807	3.1400e-003	0.2839	0.0759	2.9500e-003	0.0788	0.0000	344.0053	344.0053	0.0103	0.0286	352.7801

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building 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	0.1860	1.4494	1.6398	2.8900e-003		0.0590	0.0590		0.0570	0.0570	0.0000	237.9108	237.9108	0.0396	0.0000	238.9013
Total	0.1860	1.4494	1.6398	2.8900e-003		0.0590	0.0590		0.0570	0.0570	0.0000	237.9108	237.9108	0.0396	0.0000	238.9013

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0142	0.5237	0.1915	2.3800e-003	0.0817	2.5300e-003	0.0843	0.0236	2.4200e-003	0.0260	0.0000	232.2674	232.2674	7.9100e-003	0.0335	242.4360
Worker	0.0853	0.0648	0.9131	2.6600e-003	0.3158	1.8600e-003	0.3177	0.0839	1.7100e-003	0.0856	0.0000	244.2729	244.2729	6.0500e-003	6.0800e-003	246.2368
Total	0.0995	0.5885	1.1046	5.0400e-003	0.3976	4.3900e-003	0.4019	0.1075	4.1300e-003	0.1116	0.0000	476.5403	476.5403	0.0140	0.0395	488.6727

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2024****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1860	1.4494	1.6398	2.8900e-003		0.0590	0.0590		0.0570	0.0570	0.0000	237.9105	237.9105	0.0396	0.0000	238.9010
Total	0.1860	1.4494	1.6398	2.8900e-003		0.0590	0.0590		0.0570	0.0570	0.0000	237.9105	237.9105	0.0396	0.0000	238.9010

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0142	0.5237	0.1915	2.3800e-003	0.0817	2.5300e-003	0.0843	0.0236	2.4200e-003	0.0260	0.0000	232.2674	232.2674	7.9100e-003	0.0335	242.4360
Worker	0.0853	0.0648	0.9131	2.6600e-003	0.3158	1.8600e-003	0.3177	0.0839	1.7100e-003	0.0856	0.0000	244.2729	244.2729	6.0500e-003	6.0800e-003	246.2368
Total	0.0995	0.5885	1.1046	5.0400e-003	0.3976	4.3900e-003	0.4019	0.1075	4.1300e-003	0.1116	0.0000	476.5403	476.5403	0.0140	0.0395	488.6727

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building 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	0.0662	0.5206	0.6220	1.1000e-003		0.0196	0.0196		0.0189	0.0189	0.0000	90.8161	90.8161	0.0148	0.0000	91.1868
Total	0.0662	0.5206	0.6220	1.1000e-003		0.0196	0.0196		0.0189	0.0189	0.0000	90.8161	90.8161	0.0148	0.0000	91.1868

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.2600e-003	0.1989	0.0718	8.9000e-004	0.0312	9.7000e-004	0.0322	9.0000e-003	9.2000e-004	9.9300e-003	0.0000	87.0567	87.0567	3.0400e-003	0.0126	90.8723
Worker	0.0305	0.0222	0.3243	9.8000e-004	0.1205	6.7000e-004	0.1212	0.0320	6.2000e-004	0.0326	0.0000	90.0658	90.0658	2.0900e-003	2.1700e-003	90.7638
Total	0.0357	0.2211	0.3961	1.8700e-003	0.1517	1.6400e-003	0.1534	0.0410	1.5400e-003	0.0426	0.0000	177.1225	177.1225	5.1300e-003	0.0147	181.6362

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 Building Construction - 2025****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0662	0.5206	0.6220	1.1000e-003		0.0196	0.0196		0.0189	0.0189	0.0000	90.8160	90.8160	0.0148	0.0000	91.1867
Total	0.0662	0.5206	0.6220	1.1000e-003		0.0196	0.0196		0.0189	0.0189	0.0000	90.8160	90.8160	0.0148	0.0000	91.1867

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.2600e-003	0.1989	0.0718	8.9000e-004	0.0312	9.7000e-004	0.0322	9.0000e-003	9.2000e-004	9.9300e-003	0.0000	87.0567	87.0567	3.0400e-003	0.0126	90.8723
Worker	0.0305	0.0222	0.3243	9.8000e-004	0.1205	6.7000e-004	0.1212	0.0320	6.2000e-004	0.0326	0.0000	90.0658	90.0658	2.0900e-003	2.1700e-003	90.7638
Total	0.0357	0.2211	0.3961	1.8700e-003	0.1517	1.6400e-003	0.1534	0.0410	1.5400e-003	0.0426	0.0000	177.1225	177.1225	5.1300e-003	0.0147	181.6362

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.6 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	0.0201	0.1864	0.3078	4.7000e-004		8.6300e-003	8.6300e-003		7.9700e-003	7.9700e-003	0.0000	41.2074	41.2074	0.0131	0.0000	41.5339
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0201	0.1864	0.3078	4.7000e-004		8.6300e-003	8.6300e-003		7.9700e-003	7.9700e-003	0.0000	41.2074	41.2074	0.0131	0.0000	41.5339

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2600e-003	9.2000e-004	0.0134	4.0000e-005	4.9900e-003	3.0000e-005	5.0100e-003	1.3200e-003	3.0000e-005	1.3500e-003	0.0000	3.7255	3.7255	9.0000e-005	9.0000e-005	3.7543
Total	1.2600e-003	9.2000e-004	0.0134	4.0000e-005	4.9900e-003	3.0000e-005	5.0100e-003	1.3200e-003	3.0000e-005	1.3500e-003	0.0000	3.7255	3.7255	9.0000e-005	9.0000e-005	3.7543

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.6 Paving - 2025****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0201	0.1864	0.3078	4.7000e-004		8.6300e-003	8.6300e-003		7.9700e-003	7.9700e-003	0.0000	41.2073	41.2073	0.0131	0.0000	41.5339
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0201	0.1864	0.3078	4.7000e-004		8.6300e-003	8.6300e-003		7.9700e-003	7.9700e-003	0.0000	41.2073	41.2073	0.0131	0.0000	41.5339

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2600e-003	9.2000e-004	0.0134	4.0000e-005	4.9900e-003	3.0000e-005	5.0100e-003	1.3200e-003	3.0000e-005	1.3500e-003	0.0000	3.7255	3.7255	9.0000e-005	9.0000e-005	3.7543
Total	1.2600e-003	9.2000e-004	0.0134	4.0000e-005	4.9900e-003	3.0000e-005	5.0100e-003	1.3200e-003	3.0000e-005	1.3500e-003	0.0000	3.7255	3.7255	9.0000e-005	9.0000e-005	3.7543

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.7 Architectural Coating - 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	1.5950					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.9800e-003	0.0401	0.0633	1.0000e-004		1.8000e-003	1.8000e-003		1.8000e-003	1.8000e-003	0.0000	8.9364	8.9364	4.9000e-004	0.0000	8.9486
Total	1.6009	0.0401	0.0633	1.0000e-004		1.8000e-003	1.8000e-003		1.8000e-003	1.8000e-003	0.0000	8.9364	8.9364	4.9000e-004	0.0000	8.9486

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2700e-003	3.1100e-003	0.0454	1.4000e-004	0.0169	9.0000e-005	0.0170	4.4800e-003	9.0000e-005	4.5700e-003	0.0000	12.6092	12.6092	2.9000e-004	3.0000e-004	12.7069
Total	4.2700e-003	3.1100e-003	0.0454	1.4000e-004	0.0169	9.0000e-005	0.0170	4.4800e-003	9.0000e-005	4.5700e-003	0.0000	12.6092	12.6092	2.9000e-004	3.0000e-004	12.7069

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.7 Architectural Coating - 2025****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.5950					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.9800e-003	0.0401	0.0633	1.0000e-004		1.8000e-003	1.8000e-003		1.8000e-003	1.8000e-003	0.0000	8.9364	8.9364	4.9000e-004	0.0000	8.9486
Total	1.6009	0.0401	0.0633	1.0000e-004		1.8000e-003	1.8000e-003		1.8000e-003	1.8000e-003	0.0000	8.9364	8.9364	4.9000e-004	0.0000	8.9486

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2700e-003	3.1100e-003	0.0454	1.4000e-004	0.0169	9.0000e-005	0.0170	4.4800e-003	9.0000e-005	4.5700e-003	0.0000	12.6092	12.6092	2.9000e-004	3.0000e-004	12.7069
Total	4.2700e-003	3.1100e-003	0.0454	1.4000e-004	0.0169	9.0000e-005	0.0170	4.4800e-003	9.0000e-005	4.5700e-003	0.0000	12.6092	12.6092	2.9000e-004	3.0000e-004	12.7069

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.2302	1.2966	11.8107	0.0250	2.7139	0.0185	2.7324	0.7241	0.0172	0.7413	0.0000	2,311.199 4	2,311.199 4	0.1691	0.1051	2,346.744 1
Unmitigated	1.2302	1.2966	11.8107	0.0250	2.7139	0.0185	2.7324	0.7241	0.0172	0.7413	0.0000	2,311.199 4	2,311.199 4	0.1691	0.1051	2,346.744 1

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Enclosed Parking with Elevator	0.00	0.00	0.00		
General Office Building	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	0.00	0.00	0.00		
Other Non-Asphalt Surfaces	0.00	0.00	0.00		
User Defined Commercial	2,756.00	2,756.00	2,756.00	7,222,925	7,222,925
Total	2,756.00	2,756.00	2,756.00	7,222,925	7,222,925

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Enclosed Parking with Elevator	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
High Turnover (Sit Down	16.60	8.40	6.90	8.50	72.50	19.00	37	20	43
Other Non-Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
User Defined Commercial	7.20	0.00	0.00	100.00	0.00	0.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.540171	0.064547	0.189075	0.126673	0.023412	0.006384	0.010926	0.008089	0.000929	0.000597	0.025155	0.000706	0.003335
General Office Building	0.540171	0.064547	0.189075	0.126673	0.023412	0.006384	0.010926	0.008089	0.000929	0.000597	0.025155	0.000706	0.003335
High Turnover (Sit Down Restaurant)	0.540171	0.064547	0.189075	0.126673	0.023412	0.006384	0.010926	0.008089	0.000929	0.000597	0.025155	0.000706	0.003335
Other Non-Asphalt Surfaces	0.540171	0.064547	0.189075	0.126673	0.023412	0.006384	0.010926	0.008089	0.000929	0.000597	0.025155	0.000706	0.003335
User Defined Commercial	0.540171	0.064547	0.189075	0.126673	0.023412	0.006384	0.010926	0.008089	0.000929	0.000597	0.025155	0.000706	0.003335

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,832.712 2	1,832.712 2	0.0874	0.0106	1,838.054 2
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,832.712 2	1,832.712 2	0.0874	0.0106	1,838.054 2
NaturalGas Mitigated	0.0284	0.2578	0.2165	1.5500e-003		0.0196	0.0196		0.0196	0.0196	0.0000	280.6223	280.6223	5.3800e-003	5.1400e-003	282.2899
NaturalGas Unmitigated	0.0284	0.2578	0.2165	1.5500e-003		0.0196	0.0196		0.0196	0.0196	0.0000	280.6223	280.6223	5.3800e-003	5.1400e-003	282.2899

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.2 Energy by Land Use - NaturalGas****Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	3.38147e+006	0.0182	0.1658	0.1392	9.9000e-004		0.0126	0.0126		0.0126	0.0126	0.0000	180.4483	180.4483	3.4600e-003	3.3100e-003	181.5206
High Turnover (Sit Down Restaurant)	1.87719e+006	0.0101	0.0920	0.0773	5.5000e-004		6.9900e-003	6.9900e-003		6.9900e-003	6.9900e-003	0.0000	100.1740	100.1740	1.9200e-003	1.8400e-003	100.7693
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0284	0.2578	0.2165	1.5400e-003		0.0196	0.0196		0.0196	0.0196	0.0000	280.6223	280.6223	5.3800e-003	5.1500e-003	282.2899

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.2 Energy by Land Use - NaturalGas****Mitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	3.38147e+006	0.0182	0.1658	0.1392	9.9000e-004		0.0126	0.0126		0.0126	0.0126	0.0000	180.4483	180.4483	3.4600e-003	3.3100e-003	181.5206
High Turnover (Sit Down Restaurant)	1.87719e+006	0.0101	0.0920	0.0773	5.5000e-004		6.9900e-003	6.9900e-003		6.9900e-003	6.9900e-003	0.0000	100.1740	100.1740	1.9200e-003	1.8400e-003	100.7693
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0284	0.2578	0.2165	1.5400e-003		0.0196	0.0196		0.0196	0.0196	0.0000	280.6223	280.6223	5.3800e-003	5.1500e-003	282.2899

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**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	1.38655e+006	435.2068	0.0208	2.5200e-003	436.4753
General Office Building	4.09975e+006	1,286.8166	0.0614	7.4400e-003	1,290.5675
High Turnover (Sit Down Restaurant)	352650	110.6888	5.2800e-003	6.4000e-004	111.0115
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		1,832.7122	0.0874	0.0106	1,838.0542

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.3 Energy by Land Use - Electricity****Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Enclosed Parking with Elevator	1.38655e+006	435.2068	0.0208	2.5200e-003	436.4753
General Office Building	4.09975e+006	1,286.8166	0.0614	7.4400e-003	1,290.5675
High Turnover (Sit Down Restaurant)	352650	110.6888	5.2800e-003	6.4000e-004	111.0115
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		1,832.7122	0.0874	0.0106	1,838.0542

6.0 Area Detail**6.1 Mitigation Measures Area**

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.3925	1.2000e-004	0.0128	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0250	0.0250	7.0000e-005	0.0000	0.0267
Unmitigated	1.3925	1.2000e-004	0.0128	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0250	0.0250	7.0000e-005	0.0000	0.0267

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	0.1595					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.2318					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1800e-003	1.2000e-004	0.0128	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0250	0.0250	7.0000e-005	0.0000	0.0267
Total	1.3925	1.2000e-004	0.0128	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0250	0.0250	7.0000e-005	0.0000	0.0267

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.2 Area by SubCategory****Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1595					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.2318					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.1800e-003	1.2000e-004	0.0128	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0250	0.0250	7.0000e-005	0.0000	0.0267
Total	1.3925	1.2000e-004	0.0128	0.0000		5.0000e-005	5.0000e-005		5.0000e-005	5.0000e-005	0.0000	0.0250	0.0250	7.0000e-005	0.0000	0.0267

7.0 Water Detail**7.1 Mitigation Measures Water**

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	70.6564	0.5219	0.0126	87.4661
Unmitigated	70.6564	0.5219	0.0126	87.4661

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 / 0.01632	0.0569	0.0000	0.0000	0.0571
General Office Building	15.9195 / 0.13943	70.5995	0.5219	0.0126	87.4090
High Turnover (Sit Down Restaurant)	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		70.6564	0.5219	0.0126	87.4661

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**7.2 Water by Land Use****Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0.01632	0.0569	0.0000	0.0000	0.0571
General Office Building	15.9195 / 0.13943	70.5995	0.5219	0.0126	87.4090
High Turnover (Sit Down Restaurant)	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Non-Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		70.6564	0.5219	0.0126	87.4661

8.0 Waste Detail**8.1 Mitigation Measures Waste**

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	20.4026	1.2058	0.0000	50.5466
Unmitigated	20.4026	1.2058	0.0000	50.5466

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	0.0000	0.0000	0.0000
General Office Building	76.26	15.4801	0.9149	0.0000	38.3513
High Turnover (Sit Down Restaurant)	24.25	4.9225	0.2909	0.0000	12.1954
Other Non-Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		20.4026	1.2058	0.0000	50.5466

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**8.2 Waste by Land Use****Mitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
General Office Building	76.26	15.4801	0.9149	0.0000	38.3513
High Turnover (Sit Down Restaurant)	24.25	4.9225	0.2909	0.0000	12.1954
Other Non- Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
User Defined Commercial	0	0.0000	0.0000	0.0000	0.0000
Total		20.4026	1.2058	0.0000	50.5466

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	7	1840	0.73	Diesel

Boilers

4th and Hewitt Project MXD-TDM - Los Angeles-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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 (750 - 9999 HP)	0.0106	0.0473	0.0270	5.0000e-005		1.5500e-003	1.5500e-003		1.5500e-003	1.5500e-003	0.0000	4.9047	4.9047	6.9000e-004	0.0000	4.9219
Total	0.0106	0.0473	0.0270	5.0000e-005		1.5500e-003	1.5500e-003		1.5500e-003	1.5500e-003	0.0000	4.9047	4.9047	6.9000e-004	0.0000	4.9219

11.0 Vegetation