PARK PALAZZO PROJECT

Initial Study/Mitigated Negative Declaration

Appendices

Prepared for
City of Baldwin Park

November 2020

ESA

PARK PALAZZO PROJECT

Initial Study/Mitigated Negative Declaration

Appendices

Prepared for
City of Baldwin Park

November 2020

626 Wilshire Boulevard
Suite 1100
Los Angeles, CA 90017
213 599 4300
www.esassoc.com

ESA

Bend	Oakland	San Francisco
Camarillo	Orlando	Santa Monica
Delray Beach	Pasadena	Sarasota
Destin	Petaluma	Seattle
Irvine	Portland	Sunrise
Los Angeles	Sacramento	Tampa
Miami	San Diego	

170081.00

OUR COMMITMENT TO SUSTAINABILITY | ESA helps a variety of public and private sector clients plan and prepare for climate change and emerging regulations that limit GHG emissions. ESA is a registered assessor with the California Climate Action Registry, a Climate Leader, and founding reporter for the Climate Registry. ESA is also a corporate member of the U.S. Green Building Council and the Business Council on Climate Change (BC3). Internally, ESA has adopted a Sustainability Vision and Policy Statement and a plan to reduce waste and energy within our operations. This document was produced using recycled paper.

Appendix A

Air Quality and GHG Worksheets

ESA

Park Palazzo

Air Quality and Greenhouse Gas Assessment

Title 24 Energy Savings Adjustment

Nonresidential

% savings over Title 24 (2016)	% savings over Title 24 (2013)
0%	5.0%
5%	9.8%
10%	14.5%
15%	19.3%
20%	24.0%

Residential

% savings over Title 24 (2016)	% savings over Title 24 (2013)
0%	28.0%
5%	31.6%
10%	35.2%
15%	38.8%
20%	42.4%

Project Energy Use Factors Adjustment

Nonresidential % savings over Title 24 (2013) =	5.0%
Residential % savings over Title 24 (2013) =	28.0%

	T24 Electricity	NT24 Electricity	Lighting Electricity	T24 NG	NT24 NG
Title 24 (2013 - CalEEMod Default)					
Project Nonresidential Land Uses					
Enclosed Parking with Elevator	3.92	0.19	2.63	-	-
General Office Building	4.82	4.62	3.88	10.07	0.39
Medical Office Building	4.82	4.62	3.88	10.07	0.39
Parking Lot	-	-	0.88	-	-
Strip Mall	4.20	3.23	6.43	1.16	0.49
Project Residential Land Uses					
Title 24 (2016)					
Project Nonresidential Land Uses					
Enclosed Parking with Elevator	3.72	0.19	2.50	-	-
General Office Building	4.58	4.62	3.69	9.57	0.39
Medical Office Building	4.58	4.62	3.69	9.57	0.39
Parking Lot	-	-	0.84	-	-
Strip Mall	3.99	3.23	6.11	1.10	0.49
	-	-	-	-	-
Project Residential Land Uses					
	-	-	-	-	-

Sources:

California Emissions Estimator Model (CalEEMod), version 2016.3.1.

California Energy Commission, Adoption Hearing, 2016 Building Energy Efficiency Standards, June 10, 2015. Available: http://www.energy.ca.gov/title24/2016standards/rulemaking/documents/2015-06-10_hearing/2015-06-10_Adoption_Hearing_Presentation.pdf. Accessed December 2016.

Concrete Demolition Estimate

Concrete, cubic yards	1500
Concrete, ft3	40500
Concrete, lbs/ft3	150
Concrete, lbs	6075000
Concrete, tons	3037.5

Localized Significance Thresholds

Source Receptor Area	9
Site size, acres	2
Distance to receptor, m	25

Pollutant	**Allowable Emissions, lb/day**	
	Construction	**Operation**
NOX	128	128
CO	953	953
PM10	7	2
PM2.5	5	2

Park Palazzo

South Coast AQMD Air District, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	50.57	1000sqft	0.25	50,566.00	0
Medical Office Building	8.00	1000sqft	0.00	8,000.00	0
Enclosed Parking with Elevator	22.00	Space	0.00	8,800.00	0
Parking Lot	195.00	Space	1.75	78,000.00	0
Strip Mall	1.20	1000sqft	0.00	1,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - The building footprint would be 11,055 sqft (0.25 acre), with parking lot (1.75 acre).

Construction Phase - Project-specific anticipated construction schedule.

Off-road Equipment - Anticipated project-specific schedule.

Off-road Equipment - Anticipated project-specific equipment and schedule.

Off-road Equipment - Modified hours/day to anticipated construction schedule.

Off-road Equipment - Anticipated project-specific equipment and schedule.

Off-road Equipment - Anticipated project-specific equipment and schedule.

Off-road Equipment - Anticipated project-specific equipment and schedule. Other Construction Equipment = Jackhammer, 15hp and 0.55LF per OFFROAD2007

Off-road Equipment - Anticipated project-specific equipment and schedule. Other Construction Equipment = Jackhammer, 15hp and 0.55LF per OFFROAD2007

Off-road Equipment - Anticipated project-specific equipment and schedule.

Off-road Equipment - Anticipated project-specific equipment and schedule. Other Construction Equipment = Jackhammer, 15hp and 0.55LF per OFFROAD2007

Trips and VMT - Number of worker trips estimated to be double the anticipated number of daily workers (to account for roundtrips).

Demolition - Project-specific estimated demolition quantitity.

Grading - Project-specific estimates of acres graded and material exported.

Vehicle Trips - Weekday trip rates equal to traffic report.

Construction Off-road Equipment Mitigation -

Architectural Coating -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	43.00
tblConstructionPhase	NumDays	200.00	86.00
tblConstructionPhase	NumDays	200.00	132.00
tblConstructionPhase	NumDays	200.00	45.00
tblConstructionPhase	NumDays	20.00	43.00
tblConstructionPhase	NumDays	4.00	43.00
tblConstructionPhase	NumDays	10.00	0.00

tblConstructionPhase	NumDays	2.00	65.00
tblEnergyUse	LightingElect	1.75	2.50
tblEnergyUse	LightingElect	3.77	3.69
tblEnergyUse	LightingElect	3.77	3.69
tblEnergyUse	LightingElect	0.35	0.84
tblEnergyUse	LightingElect	6.26	6.11
tblEnergyUse	T24E	3.92	3.72
tblEnergyUse	T24E	4.60	4.58
tblEnergyUse	T24E	4.60	4.58
tblEnergyUse	T24E	4.01	3.99
tblEnergyUse	T24NG	10.02	9.57
tblEnergyUse	T24NG	10.02	9.57
tblEnergyUse	T24NG	1.15	1.10
tblGrading	AcresOfGrading	0.00	0.20
tblGrading	AcresOfGrading	0.00	2.00
tblGrading	MaterialExported	0.00	5,528.00
tblLandUse	LandUseSquareFeet	50,570.00	50,566.00
tblLandUse	LotAcreage	1.16	0.25
tblLandUse	LotAcreage	0.18	0.00
tblLandUse	LotAcreage	0.20	0.00
tblLandUse	LotAcreage	0.03	0.00
tblOffRoadEquipment	HorsePower	172.00	15.00
tblOffRoadEquipment	HorsePower	172.00	15.00
tblOffRoadEquipment	HorsePower	172.00	15.00
tblOffRoadEquipment	LoadFactor	0.42	0.55
tblOffRoadEquipment	LoadFactor	0.42	0.55
tblOffRoadEquipment	LoadFactor	0.42	0.55

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	6.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	11.00

tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	6.00	11.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	10.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	8.00	16.00

tblTripsAndVMT	WorkerTripNumber	56.00	30.00
tblTripsAndVMT	WorkerTripNumber	56.00	40.00
tblTripsAndVMT	WorkerTripNumber	13.00	6.00
tblTripsAndVMT	WorkerTripNumber	11.00	6.00
tblTripsAndVMT	WorkerTripNumber	56.00	6.00
tblVehicleTrips	WD_TR	11.03	10.84
tblVehicleTrips	WD_TR	36.13	27.50
tblVehicleTrips	WD_TR	44.32	40.00

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					
2018	0.1943	1.6494	1.2235	2.3200e-003	0.0503	0.0976	0.1480	9.5100e-003	0.0940	0.1035	0.0000	205.8864	205.8864	0.0309	0.0000	206.6599
2019	0.8377	4.3519	3.7952	7.1300e-003	0.0684	0.2581	0.3265	0.0186	0.2528	0.2713	0.0000	623.9466	623.9466	0.0742	0.0000	625.8027
2020	0.0166	0.1362	0.1258	2.7000e-004	2.5000e-003	7.1700e-003	9.6600e-003	7.0000e-004	7.1600e-003	7.8600e-003	0.0000	23.6191	23.6191	1.7200e-003	0.0000	23.6620
Maximum	**0.8377**	**4.3519**	**3.7952**	**7.1300e-003**	**0.0684**	**0.2581**	**0.3265**	**0.0186**	**0.2528**	**0.2713**	**0.0000**	**623.9466**	**623.9466**	**0.0742**	**0.0000**	**625.8027**

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					
2018	0.1943	1.6494	1.2235	2.3200e-003	0.0296	0.0976	0.1272	6.4000e-003	0.0940	0.1004	0.0000	205.8862	205.8862	0.0309	0.0000	206.6597
2019	0.8377	4.3519	3.7952	7.1300e-003	0.0684	0.2581	0.3265	0.0186	0.2528	0.2713	0.0000	623.9460	623.9460	0.0742	0.0000	625.8021
2020	0.0166	0.1362	0.1258	2.7000e-004	2.5000e-003	7.1700e-003	9.6600e-003	7.0000e-004	7.1600e-003	7.8600e-003	0.0000	23.6191	23.6191	1.7200e-003	0.0000	23.6620
Maximum	**0.8377**	**4.3519**	**3.7952**	**7.1300e-003**	**0.0684**	**0.2581**	**0.3265**	**0.0186**	**0.2528**	**0.2713**	**0.0000**	**623.9460**	**623.9460**	**0.0742**	**0.0000**	**625.8021**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**17.10**	**0.00**	**4.28**	**10.81**	**0.00**	**0.81**	**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	**8-1-2018**	**10-31-2018**	1.2355	1.2355
2	**11-1-2018**	**1-31-2019**	0.7660	0.7660
3	**2-1-2019**	**4-30-2019**	1.0271	1.0271
4	**5-1-2019**	**7-31-2019**	1.8840	1.8840
5	**8-1-2019**	**10-31-2019**	1.5722	1.5722
6	**11-1-2019**	**1-31-2020**	0.6847	0.6847
		Highest	1.8840	1.8840

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2508	3.0000e-005	3.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.8700e-003	6.8700e-003	2.0000e-005	0.0000	7.3300e-003
Energy	3.1600e-003	0.0287	0.0241	1.7000e-004		2.1800e-003	2.1800e-003		2.1800e-003	2.1800e-003	0.0000	315.7077	315.7077	0.0123	3.0000e-003	316.9110
Mobile	0.2042	1.1240	2.6535	8.9900e-003	0.7096	9.1700e-003	0.7187	0.1902	8.6100e-003	0.1988	0.0000	829.2596	829.2596	0.0432	0.0000	830.3401
Waste						0.0000	0.0000		0.0000	0.0000	27.3409	0.0000	27.3409	1.6158	0.0000	67.7358
Water						0.0000	0.0000		0.0000	0.0000	3.1982	62.1927	65.3909	0.3311	8.2900e-003	76.1367
Total	**0.4582**	**1.1528**	**2.6812**	**9.1600e-003**	**0.7096**	**0.0114**	**0.7209**	**0.1902**	**0.0108**	**0.2010**	**30.5390**	**1,207.1670**	**1,237.7060**	**2.0024**	**0.0113**	**1,291.1310**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2508	3.0000e-005	3.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.8700e-003	6.8700e-003	2.0000e-005	0.0000	7.3300e-003
Energy	3.1600e-003	0.0287	0.0241	1.7000e-004		2.1800e-003	2.1800e-003		2.1800e-003	2.1800e-003	0.0000	315.7077	315.7077	0.0123	3.0000e-003	316.9110
Mobile	0.2042	1.1240	2.6535	8.9900e-003	0.7096	9.1700e-003	0.7187	0.1902	8.6100e-003	0.1988	0.0000	829.2596	829.2596	0.0432	0.0000	830.3401
Waste						0.0000	0.0000		0.0000	0.0000	27.3409	0.0000	27.3409	1.6158	0.0000	67.7358
Water						0.0000	0.0000		0.0000	0.0000	3.1982	62.1927	65.3909	0.3311	8.2900e-003	76.1367
Total	**0.4582**	**1.1528**	**2.6812**	**9.1600e-003**	**0.7096**	**0.0114**	**0.7209**	**0.1902**	**0.0108**	**0.2010**	**30.5390**	**1,207.1670**	**1,237.7060**	**2.0024**	**0.0113**	**1,291.1310**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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	8/1/2018	9/30/2018	5	43	
2	Site Preparation	Site Preparation	9/1/2018	11/30/2018	5	65	
3	Grading/Excavation	Grading	11/1/2018	12/31/2018	5	43	
4	Drainage/Utilities/Trenching	Trenching	1/1/2019	2/28/2019	5	43	
5	Foundations/Concrete Pour	Building Construction	2/1/2019	5/31/2019	5	86	
6	Building Construction	Building Construction	5/1/2019	10/31/2019	5	132	
7	Paving	Paving	10/1/2019	11/30/2018	5	0	
8	Architectural Coating	Architectural Coating	11/1/2019	12/31/2019	5	43	
9	Finishes	Building Construction	12/1/2019	1/31/2020	5	45	

Acres of Grading (Site Preparation Phase): 2

Acres of Grading (Grading Phase): 0

Acres of Paving: 1.75

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 89,649; Non-Residential Outdoor: 29,883; Striped Parking Area: 5,208 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	11.00	81	0.73
Demolition	Rubber Tired Dozers	1	11.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	11.00	97	0.37
Site Preparation	Air Compressors	2	11.00	78	0.48
Site Preparation	Cement and Mortar Mixers	1	11.00	9	0.56
Site Preparation	Concrete/Industrial Saws	1	11.00	81	0.73
Site Preparation	Graders	0	0.00	187	0.41

Site Preparation	Other Construction Equipment	1	11.00	15	0.55
Site Preparation	Plate Compactors	1	11.00	8	0.43
Site Preparation	Scrapers	0	0.00	367	0.48
Site Preparation	Signal Boards	1	11.00	6	0.82
Site Preparation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Grading/Excavation	Air Compressors	2	11.00	78	0.48
Grading/Excavation	Graders	0	0.00	187	0.41
Grading/Excavation	Other Construction Equipment	1	11.00	15	0.55
Grading/Excavation	Plate Compactors	1	11.00	8	0.43
Grading/Excavation	Rubber Tired Dozers	0	0.00	247	0.40
Grading/Excavation	Signal Boards	1	11.00	6	0.82
Grading/Excavation	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Drainage/Utilities/Trenching	Cranes	1	11.00	231	0.29
Drainage/Utilities/Trenching	Plate Compactors	1	11.00	8	0.43
Drainage/Utilities/Trenching	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Foundations/Concrete Pour	Air Compressors	3	11.00	78	0.48
Foundations/Concrete Pour	Cement and Mortar Mixers	1	11.00	9	0.56
Foundations/Concrete Pour	Concrete/Industrial Saws	1	11.00	81	0.73
Foundations/Concrete Pour	Cranes	0	0.00	231	0.29
Foundations/Concrete Pour	Forklifts	1	11.00	89	0.20
Foundations/Concrete Pour	Generator Sets	0	0.00	84	0.74
Foundations/Concrete Pour	Other Construction Equipment	1	11.00	15	0.55
Foundations/Concrete Pour	Plate Compactors	1	11.00	8	0.43
Foundations/Concrete Pour	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Foundations/Concrete Pour	Welders	0	0.00	46	0.45
Building Construction	Air Compressors	7	11.00	78	0.48
Building Construction	Cement and Mortar Mixers	1	11.00	9	0.56

Building Construction	Concrete/Industrial Saws	1	11.00	81	0.73
Building Construction	Cranes	1	11.00	231	0.29
Building Construction	Forklifts	1	11.00	89	0.20
Building Construction	Generator Sets	0	0.00	84	0.74
Building Construction	Plate Compactors	1	11.00	8	0.43
Building Construction	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Building Construction	Welders	0	0.00	46	0.45
Paving	Pavers	0	0.00	130	0.42
Paving	Paving Equipment	1	11.00	132	0.36
Paving	Plate Compactors	1	11.00	8	0.43
Paving	Pumps	1	11.00	84	0.74
Paving	Rollers	0	0.00	80	0.38
Paving	Surfacing Equipment	1	11.00	263	0.30
Paving	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Architectural Coating	Air Compressors	1	11.00	78	0.48
Finishes	Air Compressors	3	11.00	78	0.48
Finishes	Cranes	0	0.00	231	0.29
Finishes	Forklifts	0	0.00	89	0.20
Finishes	Generator Sets	0	0.00	84	0.74
Finishes	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Finishes	Welders	0	0.00	46	0.45

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	10.00	0.00	300.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading/Excavation	6	8.00	0.00	691.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Drainage/Utilities/Trenching	3	16.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations/Concrete Pour	9	30.00	24.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	12	40.00	24.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	6.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	6.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finishes	3	6.00	24.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0325	0.0000	0.0325	4.9200e-003	0.0000	4.9200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0734	0.7203	0.4467	7.1000e-004		0.0425	0.0425		0.0397	0.0397	0.0000	64.1278	64.1278	0.0163	0.0000	64.5340
Total	**0.0734**	**0.7203**	**0.4467**	**7.1000e-004**	**0.0325**	**0.0425**	**0.0750**	**4.9200e-003**	**0.0397**	**0.0446**	**0.0000**	**64.1278**	**64.1278**	**0.0163**	**0.0000**	**64.5340**

3.2 Demolition - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3200e-003	0.0477	8.8700e-003	1.2000e-004	2.5800e-003	1.8000e-004	2.7600e-003	7.1000e-004	1.7000e-004	8.8000e-004	0.0000	11.5711	11.5711	8.1000e-004	0.0000	11.5915
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	1.1400e-003	9.3000e-004	0.0100	3.0000e-005	2.3600e-003	2.0000e-005	2.3800e-003	6.3000e-004	2.0000e-005	6.4000e-004	0.0000	2.2629	2.2629	8.0000e-005	0.0000	2.2648
Total	**2.4600e-003**	**0.0486**	**0.0189**	**1.5000e-004**	**4.9400e-003**	**2.0000e-004**	**5.1400e-003**	**1.3400e-003**	**1.9000e-004**	**1.5200e-003**	**0.0000**	**13.8340**	**13.8340**	**8.9000e-004**	**0.0000**	**13.8563**

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					0.0127	0.0000	0.0127	1.9200e-003	0.0000	1.9200e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0734	0.7203	0.4467	7.1000e-004		0.0425	0.0425		0.0397	0.0397	0.0000	64.1278	64.1278	0.0163	0.0000	64.5339
Total	**0.0734**	**0.7203**	**0.4467**	**7.1000e-004**	**0.0127**	**0.0425**	**0.0551**	**1.9200e-003**	**0.0397**	**0.0416**	**0.0000**	**64.1278**	**64.1278**	**0.0163**	**0.0000**	**64.5339**

3.2 Demolition - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.3200e-003	0.0477	8.8700e-003	1.2000e-004	2.5800e-003	1.8000e-004	2.7600e-003	7.1000e-004	1.7000e-004	8.8000e-004	0.0000	11.5711	11.5711	8.1000e-004	0.0000	11.5915
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	1.1400e-003	9.3000e-004	0.0100	3.0000e-005	2.3600e-003	2.0000e-005	2.3800e-003	6.3000e-004	2.0000e-005	6.4000e-004	0.0000	2.2629	2.2629	8.0000e-005	0.0000	2.2648
Total	**2.4600e-003**	**0.0486**	**0.0189**	**1.5000e-004**	**4.9400e-003**	**2.0000e-004**	**5.1400e-003**	**1.3400e-003**	**1.9000e-004**	**1.5200e-003**	**0.0000**	**13.8340**	**13.8340**	**8.9000e-004**	**0.0000**	**13.8563**

3.3 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0600e-003	0.0000	1.0600e-003	1.1000e-004	0.0000	1.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0734	0.4920	0.4601	7.5000e-004		0.0345	0.0345		0.0343	0.0343	0.0000	63.1358	63.1358	6.3200e-003	0.0000	63.2939
Total	**0.0734**	**0.4920**	**0.4601**	**7.5000e-004**	**1.0600e-003**	**0.0345**	**0.0356**	**1.1000e-004**	**0.0343**	**0.0344**	**0.0000**	**63.1358**	**63.1358**	**6.3200e-003**	**0.0000**	**63.2939**

3.3 Site Preparation - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7300e-003	1.4100e-003	0.0152	4.0000e-005	3.5700e-003	3.0000e-005	3.5900e-003	9.5000e-004	3.0000e-005	9.7000e-004	0.0000	3.4206	3.4206	1.2000e-004	0.0000	3.4236
Total	**1.7300e-003**	**1.4100e-003**	**0.0152**	**4.0000e-005**	**3.5700e-003**	**3.0000e-005**	**3.5900e-003**	**9.5000e-004**	**3.0000e-005**	**9.7000e-004**	**0.0000**	**3.4206**	**3.4206**	**1.2000e-004**	**0.0000**	**3.4236**

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					4.1000e-004	0.0000	4.1000e-004	4.0000e-005	0.0000	4.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0734	0.4920	0.4601	7.5000e-004		0.0345	0.0345		0.0343	0.0343	0.0000	63.1357	63.1357	6.3200e-003	0.0000	63.2938
Total	**0.0734**	**0.4920**	**0.4601**	**7.5000e-004**	**4.1000e-004**	**0.0345**	**0.0349**	**4.0000e-005**	**0.0343**	**0.0343**	**0.0000**	**63.1357**	**63.1357**	**6.3200e-003**	**0.0000**	**63.2938**

3.3 Site Preparation - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7300e-003	1.4100e-003	0.0152	4.0000e-005	3.5700e-003	3.0000e-005	3.5900e-003	9.5000e-004	3.0000e-005	9.7000e-004	0.0000	3.4206	3.4206	1.2000e-004	0.0000	3.4236
Total	**1.7300e-003**	**1.4100e-003**	**0.0152**	**4.0000e-005**	**3.5700e-003**	**3.0000e-005**	**3.5900e-003**	**9.5000e-004**	**3.0000e-005**	**9.7000e-004**	**0.0000**	**3.4206**	**3.4206**	**1.2000e-004**	**0.0000**	**3.4236**

3.4 Grading/Excavation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.2000e-004	0.0000	4.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0393	0.2766	0.2542	3.8000e-004		0.0200	0.0200		0.0194	0.0194	0.0000	32.9057	32.9057	5.4200e-003	0.0000	33.0413
Total	**0.0393**	**0.2766**	**0.2542**	**3.8000e-004**	**4.2000e-004**	**0.0200**	**0.0204**	**6.0000e-005**	**0.0194**	**0.0195**	**0.0000**	**32.9057**	**32.9057**	**5.4200e-003**	**0.0000**	**33.0413**

3.4 Grading/Excavation - 2018

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.0300e-003	0.1098	0.0204	2.7000e-004	5.9400e-003	4.1000e-004	6.3500e-003	1.6300e-003	3.9000e-004	2.0300e-003	0.0000	26.6521	26.6521	1.8700e-003	0.0000	26.6990
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.1000e-004	7.5000e-004	8.0300e-003	2.0000e-005	1.8900e-003	2.0000e-005	1.9000e-003	5.0000e-004	1.0000e-005	5.2000e-004	0.0000	1.8103	1.8103	6.0000e-005	0.0000	1.8119
Total	**3.9400e-003**	**0.1106**	**0.0285**	**2.9000e-004**	**7.8300e-003**	**4.3000e-004**	**8.2500e-003**	**2.1300e-003**	**4.0000e-004**	**2.5500e-003**	**0.0000**	**28.4624**	**28.4624**	**1.9300e-003**	**0.0000**	**28.5108**

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					1.6000e-004	0.0000	1.6000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0393	0.2766	0.2542	3.8000e-004		0.0200	0.0200		0.0194	0.0194	0.0000	32.9057	32.9057	5.4200e-003	0.0000	33.0413
Total	**0.0393**	**0.2766**	**0.2542**	**3.8000e-004**	**1.6000e-004**	**0.0200**	**0.0202**	**2.0000e-005**	**0.0194**	**0.0194**	**0.0000**	**32.9057**	**32.9057**	**5.4200e-003**	**0.0000**	**33.0413**

3.4 Grading/Excavation - 2018

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.0300e-003	0.1098	0.0204	2.7000e-004	5.9400e-003	4.1000e-004	6.3500e-003	1.6300e-003	3.9000e-004	2.0300e-003	0.0000	26.6521	26.6521	1.8700e-003	0.0000	26.6990
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.1000e-004	7.5000e-004	8.0300e-003	2.0000e-005	1.8900e-003	2.0000e-005	1.9000e-003	5.0000e-004	1.0000e-005	5.2000e-004	0.0000	1.8103	1.8103	6.0000e-005	0.0000	1.8119
Total	**3.9400e-003**	**0.1106**	**0.0285**	**2.9000e-004**	**7.8300e-003**	**4.3000e-004**	**8.2500e-003**	**2.1300e-003**	**4.0000e-004**	**2.5500e-003**	**0.0000**	**28.4624**	**28.4624**	**1.9300e-003**	**0.0000**	**28.5108**

3.5 Drainage/Utilities/Trenching - 2019

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	0.0230	0.2541	0.1421	2.8000e-004		0.0124	0.0124		0.0115	0.0115	0.0000	24.4916	24.4916	7.5500e-003	0.0000	24.6805
Total	**0.0230**	**0.2541**	**0.1421**	**2.8000e-004**		**0.0124**	**0.0124**		**0.0115**	**0.0115**	**0.0000**	**24.4916**	**24.4916**	**7.5500e-003**	**0.0000**	**24.6805**

3.5 Drainage/Utilities/Trenching - 2019

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	1.6600e-003	1.3200e-003	0.0143	4.0000e-005	3.7700e-003	3.0000e-005	3.8000e-003	1.0000e-003	3.0000e-005	1.0300e-003	0.0000	3.5064	3.5064	1.1000e-004	0.0000	3.5091
Total	**1.6600e-003**	**1.3200e-003**	**0.0143**	**4.0000e-005**	**3.7700e-003**	**3.0000e-005**	**3.8000e-003**	**1.0000e-003**	**3.0000e-005**	**1.0300e-003**	**0.0000**	**3.5064**	**3.5064**	**1.1000e-004**	**0.0000**	**3.5091**

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	0.0230	0.2541	0.1421	2.8000e-004		0.0124	0.0124		0.0115	0.0115	0.0000	24.4916	24.4916	7.5500e-003	0.0000	24.6804
Total	**0.0230**	**0.2541**	**0.1421**	**2.8000e-004**		**0.0124**	**0.0124**		**0.0115**	**0.0115**	**0.0000**	**24.4916**	**24.4916**	**7.5500e-003**	**0.0000**	**24.6804**

3.5 Drainage/Utilities/Trenching - 2019

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	1.6600e-003	1.3200e-003	0.0143	4.0000e-005	3.7700e-003	3.0000e-005	3.8000e-003	1.0000e-003	3.0000e-005	1.0300e-003	0.0000	3.5064	3.5064	1.1000e-004	0.0000	3.5091
Total	**1.6600e-003**	**1.3200e-003**	**0.0143**	**4.0000e-005**	**3.7700e-003**	**3.0000e-005**	**3.8000e-003**	**1.0000e-003**	**3.0000e-005**	**1.0300e-003**	**0.0000**	**3.5064**	**3.5064**	**1.1000e-004**	**0.0000**	**3.5091**

3.6 Foundations/Concrete Pour - 2019

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	0.1293	0.9503	0.9395	1.4600e-003		0.0650	0.0650		0.0634	0.0634	0.0000	125.5569	125.5569	0.0169	0.0000	125.9801
Total	**0.1293**	**0.9503**	**0.9395**	**1.4600e-003**		**0.0650**	**0.0650**		**0.0634**	**0.0634**	**0.0000**	**125.5569**	**125.5569**	**0.0169**	**0.0000**	**125.9801**

3.6 Foundations/Concrete Pour - 2019

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0500e-003	0.1203	0.0302	2.6000e-004	6.5100e-003	7.9000e-004	7.2900e-003	1.8800e-003	7.5000e-004	2.6300e-003	0.0000	25.5493	25.5493	1.7700e-003	0.0000	25.5935
Worker	6.2300e-003	4.9500e-003	0.0538	1.5000e-004	0.0142	1.1000e-004	0.0143	3.7600e-003	1.0000e-004	3.8600e-003	0.0000	13.1489	13.1489	4.1000e-004	0.0000	13.1591
Total	**0.0103**	**0.1253**	**0.0840**	**4.1000e-004**	**0.0207**	**9.0000e-004**	**0.0216**	**5.6400e-003**	**8.5000e-004**	**6.4900e-003**	**0.0000**	**38.6982**	**38.6982**	**2.1800e-003**	**0.0000**	**38.7527**

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	0.1293	0.9503	0.9395	1.4600e-003		0.0650	0.0650		0.0634	0.0634	0.0000	125.5567	125.5567	0.0169	0.0000	125.9800
Total	**0.1293**	**0.9503**	**0.9395**	**1.4600e-003**		**0.0650**	**0.0650**		**0.0634**	**0.0634**	**0.0000**	**125.5567**	**125.5567**	**0.0169**	**0.0000**	**125.9800**

3.6 Foundations/Concrete Pour - 2019

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.0500e-003	0.1203	0.0302	2.6000e-004	6.5100e-003	7.9000e-004	7.2900e-003	1.8800e-003	7.5000e-004	2.6300e-003	0.0000	25.5493	25.5493	1.7700e-003	0.0000	25.5935
Worker	6.2300e-003	4.9500e-003	0.0538	1.5000e-004	0.0142	1.1000e-004	0.0143	3.7600e-003	1.0000e-004	3.8600e-003	0.0000	13.1489	13.1489	4.1000e-004	0.0000	13.1591
Total	**0.0103**	**0.1253**	**0.0840**	**4.1000e-004**	**0.0207**	**9.0000e-004**	**0.0216**	**5.6400e-003**	**8.5000e-004**	**6.4900e-003**	**0.0000**	**38.6982**	**38.6982**	**2.1800e-003**	**0.0000**	**38.7527**

3.7 Building Construction - 2019

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	0.3368	2.6112	2.2591	3.8600e-003		0.1652	0.1652		0.1626	0.1626	0.0000	331.5343	331.5343	0.0413	0.0000	332.5654
Total	**0.3368**	**2.6112**	**2.2591**	**3.8600e-003**		**0.1652**	**0.1652**		**0.1626**	**0.1626**	**0.0000**	**331.5343**	**331.5343**	**0.0413**	**0.0000**	**332.5654**

3.7 Building Construction - 2019

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	6.2200e-003	0.1847	0.0463	4.1000e-004	9.9800e-003	1.2100e-003	0.0112	2.8800e-003	1.1600e-003	4.0400e-003	0.0000	39.2153	39.2153	2.7100e-003	0.0000	39.2831
Worker	0.0128	0.0101	0.1101	3.0000e-004	0.0290	2.3000e-004	0.0292	7.6900e-003	2.1000e-004	7.9000e-003	0.0000	26.9093	26.9093	8.4000e-004	0.0000	26.9303
Total	**0.0190**	**0.1948**	**0.1564**	**7.1000e-004**	**0.0389**	**1.4400e-003**	**0.0404**	**0.0106**	**1.3700e-003**	**0.0119**	**0.0000**	**66.1246**	**66.1246**	**3.5500e-003**	**0.0000**	**66.2134**

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	0.3368	2.6112	2.2591	3.8600e-003		0.1652	0.1652		0.1626	0.1626	0.0000	331.5339	331.5339	0.0413	0.0000	332.5650
Total	**0.3368**	**2.6112**	**2.2591**	**3.8600e-003**		**0.1652**	**0.1652**		**0.1626**	**0.1626**	**0.0000**	**331.5339**	**331.5339**	**0.0413**	**0.0000**	**332.5650**

3.7 Building Construction - 2019

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	6.2200e-003	0.1847	0.0463	4.1000e-004	9.9800e-003	1.2100e-003	0.0112	2.8800e-003	1.1600e-003	4.0400e-003	0.0000	39.2153	39.2153	2.7100e-003	0.0000	39.2831
Worker	0.0128	0.0101	0.1101	3.0000e-004	0.0290	2.3000e-004	0.0292	7.6900e-003	2.1000e-004	7.9000e-003	0.0000	26.9093	26.9093	8.4000e-004	0.0000	26.9303
Total	**0.0190**	**0.1948**	**0.1564**	**7.1000e-004**	**0.0389**	**1.4400e-003**	**0.0404**	**0.0106**	**1.3700e-003**	**0.0119**	**0.0000**	**66.1246**	**66.1246**	**3.5500e-003**	**0.0000**	**66.2134**

3.9 Architectural Coating - 2019

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2891					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0105	0.0723	0.0726	1.2000e-004		5.0800e-003	5.0800e-003		5.0800e-003	5.0800e-003	0.0000	10.0641	10.0641	8.5000e-004	0.0000	10.0853
Total	**0.2996**	**0.0723**	**0.0726**	**1.2000e-004**		**5.0800e-003**	**5.0800e-003**		**5.0800e-003**	**5.0800e-003**	**0.0000**	**10.0641**	**10.0641**	**8.5000e-004**	**0.0000**	**10.0853**

3.9 Architectural Coating - 2019

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	6.2000e-004	4.9000e-004	5.3800e-003	1.0000e-005	2.6400e-003	1.0000e-005	2.6500e-003	6.8000e-004	1.0000e-005	6.9000e-004	0.0000	1.3149	1.3149	4.0000e-005	0.0000	1.3159
Total	**6.2000e-004**	**4.9000e-004**	**5.3800e-003**	**1.0000e-005**	**2.6400e-003**	**1.0000e-005**	**2.6500e-003**	**6.8000e-004**	**1.0000e-005**	**6.9000e-004**	**0.0000**	**1.3149**	**1.3149**	**4.0000e-005**	**0.0000**	**1.3159**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.2891					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0105	0.0723	0.0726	1.2000e-004		5.0800e-003	5.0800e-003		5.0800e-003	5.0800e-003	0.0000	10.0641	10.0641	8.5000e-004	0.0000	10.0853
Total	**0.2996**	**0.0723**	**0.0726**	**1.2000e-004**		**5.0800e-003**	**5.0800e-003**		**5.0800e-003**	**5.0800e-003**	**0.0000**	**10.0641**	**10.0641**	**8.5000e-004**	**0.0000**	**10.0853**

3.9 Architectural Coating - 2019

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	6.2000e-004	4.9000e-004	5.3800e-003	1.0000e-005	2.6400e-003	1.0000e-005	2.6500e-003	6.8000e-004	1.0000e-005	6.9000e-004	0.0000	1.3149	1.3149	4.0000e-005	0.0000	1.3159
Total	**6.2000e-004**	**4.9000e-004**	**5.3800e-003**	**1.0000e-005**	**2.6400e-003**	**1.0000e-005**	**2.6500e-003**	**6.8000e-004**	**1.0000e-005**	**6.9000e-004**	**0.0000**	**1.3149**	**1.3149**	**4.0000e-005**	**0.0000**	**1.3159**

3.10 Finishes - 2019

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	0.0161	0.1110	0.1114	1.8000e-004		7.7900e-003	7.7900e-003		7.7900e-003	7.7900e-003	0.0000	15.4472	15.4472	1.3000e-003	0.0000	15.4798
Total	**0.0161**	**0.1110**	**0.1114**	**1.8000e-004**		**7.7900e-003**	**7.7900e-003**		**7.7900e-003**	**7.7900e-003**	**0.0000**	**15.4472**	**15.4472**	**1.3000e-003**	**0.0000**	**15.4798**

3.10 Finishes - 2019

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	1.0400e-003	0.0308	7.7200e-003	7.0000e-005	1.6600e-003	2.0000e-004	1.8700e-003	4.8000e-004	1.9000e-004	6.7000e-004	0.0000	6.5359	6.5359	4.5000e-004	0.0000	6.5472
Worker	3.2000e-004	2.5000e-004	2.7500e-003	1.0000e-005	7.2000e-004	1.0000e-005	7.3000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.6727	0.6727	2.0000e-005	0.0000	0.6733
Total	**1.3600e-003**	**0.0310**	**0.0105**	**8.0000e-005**	**2.3800e-003**	**2.1000e-004**	**2.6000e-003**	**6.7000e-004**	**2.0000e-004**	**8.7000e-004**	**0.0000**	**7.2086**	**7.2086**	**4.7000e-004**	**0.0000**	**7.2204**

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	0.0161	0.1110	0.1114	1.8000e-004		7.7900e-003	7.7900e-003		7.7900e-003	7.7900e-003	0.0000	15.4472	15.4472	1.3000e-003	0.0000	15.4798
Total	**0.0161**	**0.1110**	**0.1114**	**1.8000e-004**		**7.7900e-003**	**7.7900e-003**		**7.7900e-003**	**7.7900e-003**	**0.0000**	**15.4472**	**15.4472**	**1.3000e-003**	**0.0000**	**15.4798**

3.10 Finishes - 2019

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	1.0400e-003	0.0308	7.7200e-003	7.0000e-005	1.6600e-003	2.0000e-004	1.8700e-003	4.8000e-004	1.9000e-004	6.7000e-004	0.0000	6.5359	6.5359	4.5000e-004	0.0000	6.5472
Worker	3.2000e-004	2.5000e-004	2.7500e-003	1.0000e-005	7.2000e-004	1.0000e-005	7.3000e-004	1.9000e-004	1.0000e-005	2.0000e-004	0.0000	0.6727	0.6727	2.0000e-005	0.0000	0.6733
Total	**1.3600e-003**	**0.0310**	**0.0105**	**8.0000e-005**	**2.3800e-003**	**2.1000e-004**	**2.6000e-003**	**6.7000e-004**	**2.0000e-004**	**8.7000e-004**	**0.0000**	**7.2086**	**7.2086**	**4.7000e-004**	**0.0000**	**7.2204**

3.10 Finishes - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0153	0.1065	0.1158	1.9000e-004		7.0200e-003	7.0200e-003		7.0200e-003	7.0200e-003	0.0000	16.1493	16.1493	1.2500e-003	0.0000	16.1806
Total	**0.0153**	**0.1065**	**0.1158**	**1.9000e-004**		**7.0200e-003**	**7.0200e-003**		**7.0200e-003**	**7.0200e-003**	**0.0000**	**16.1493**	**16.1493**	**1.2500e-003**	**0.0000**	**16.1806**

3.10 Finishes - 2020

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.2000e-004	0.0295	7.3000e-003	7.0000e-005	1.7400e-003	1.4000e-004	1.8800e-003	5.0000e-004	1.4000e-004	6.4000e-004	0.0000	6.7883	6.7883	4.5000e-004	0.0000	6.7994
Worker	3.1000e-004	2.4000e-004	2.6100e-003	1.0000e-005	7.6000e-004	1.0000e-005	7.6000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.6815	0.6815	2.0000e-005	0.0000	0.6820
Total	**1.2300e-003**	**0.0297**	**9.9100e-003**	**8.0000e-005**	**2.5000e-003**	**1.5000e-004**	**2.6400e-003**	**7.0000e-004**	**1.5000e-004**	**8.5000e-004**	**0.0000**	**7.4698**	**7.4698**	**4.7000e-004**	**0.0000**	**7.4814**

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	0.0153	0.1065	0.1158	1.9000e-004		7.0200e-003	7.0200e-003		7.0200e-003	7.0200e-003	0.0000	16.1493	16.1493	1.2500e-003	0.0000	16.1806
Total	**0.0153**	**0.1065**	**0.1158**	**1.9000e-004**		**7.0200e-003**	**7.0200e-003**		**7.0200e-003**	**7.0200e-003**	**0.0000**	**16.1493**	**16.1493**	**1.2500e-003**	**0.0000**	**16.1806**

3.10 Finishes - 2020

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.2000e-004	0.0295	7.3000e-003	7.0000e-005	1.7400e-003	1.4000e-004	1.8800e-003	5.0000e-004	1.4000e-004	6.4000e-004	0.0000	6.7883	6.7883	4.5000e-004	0.0000	6.7994
Worker	3.1000e-004	2.4000e-004	2.6100e-003	1.0000e-005	7.6000e-004	1.0000e-005	7.6000e-004	2.0000e-004	1.0000e-005	2.1000e-004	0.0000	0.6815	0.6815	2.0000e-005	0.0000	0.6820
Total	**1.2300e-003**	**0.0297**	**9.9100e-003**	**8.0000e-005**	**2.5000e-003**	**1.5000e-004**	**2.6400e-003**	**7.0000e-004**	**1.5000e-004**	**8.5000e-004**	**0.0000**	**7.4698**	**7.4698**	**4.7000e-004**	**0.0000**	**7.4814**

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	0.2042	1.1240	2.6535	8.9900e-003	0.7096	9.1700e-003	0.7187	0.1902	8.6100e-003	0.1988	0.0000	829.2596	829.2596	0.0432	0.0000	830.3401
Unmitigated	0.2042	1.1240	2.6535	8.9900e-003	0.7096	9.1700e-003	0.7187	0.1902	8.6100e-003	0.1988	0.0000	829.2596	829.2596	0.0432	0.0000	830.3401

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	548.18	124.40	53.10	1,343,071	1,343,071
Medical Office Building	220.00	71.68	12.40	438,762	438,762
Parking Lot	0.00	0.00	0.00		
Strip Mall	48.00	50.45	24.52	85,607	85,607
Total	816.18	246.53	90.01	1,867,440	1,867,440

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
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
General Office Building	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Medical Office Building	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Parking Lot	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Strip Mall	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	284.4779	284.4779	0.0117	2.4300e-003	285.4956
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	284.4779	284.4779	0.0117	2.4300e-003	285.4956
NaturalGas Mitigated	3.1600e-003	0.0287	0.0241	1.7000e-004		2.1800e-003	2.1800e-003		2.1800e-003	2.1800e-003	0.0000	31.2299	31.2299	6.0000e-004	5.7000e-004	31.4154
NaturalGas Unmitigated	3.1600e-003	0.0287	0.0241	1.7000e-004		2.1800e-003	2.1800e-003		2.1800e-003	2.1800e-003	0.0000	31.2299	31.2299	6.0000e-004	5.7000e-004	31.4154

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	503637	2.7200e-003	0.0247	0.0207	1.5000e-004		1.8800e-003	1.8800e-003		1.8800e-003	1.8800e-003	0.0000	26.8760	26.8760	5.2000e-004	4.9000e-004	27.0357
Medical Office Building	79680	4.3000e-004	3.9100e-003	3.2800e-003	2.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	4.2520	4.2520	8.0000e-005	8.0000e-005	4.2773
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	1908	1.0000e-005	9.0000e-005	8.0000e-005	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.1018	0.1018	0.0000	0.0000	0.1024
Total		**3.1600e-003**	**0.0287**	**0.0241**	**1.7000e-004**		**2.1900e-003**	**2.1900e-003**		**2.1900e-003**	**2.1900e-003**	**0.0000**	**31.2299**	**31.2299**	**6.0000e-004**	**5.7000e-004**	**31.4154**

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	503637	2.7200e-003	0.0247	0.0207	1.5000e-004		1.8800e-003	1.8800e-003		1.8800e-003	1.8800e-003	0.0000	26.8760	26.8760	5.2000e-004	4.9000e-004	27.0357
Medical Office Building	79680	4.3000e-004	3.9100e-003	3.2800e-003	2.0000e-005		3.0000e-004	3.0000e-004		3.0000e-004	3.0000e-004	0.0000	4.2520	4.2520	8.0000e-005	8.0000e-005	4.2773
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	1908	1.0000e-005	9.0000e-005	8.0000e-005	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	0.1018	0.1018	0.0000	0.0000	0.1024
Total		**3.1600e-003**	**0.0287**	**0.0241**	**1.7000e-004**		**2.1900e-003**	**2.1900e-003**		**2.1900e-003**	**2.1900e-003**	**0.0000**	**31.2299**	**31.2299**	**6.0000e-004**	**5.7000e-004**	**31.4154**

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	56408	17.9728	7.4000e-004	1.5000e-004	18.0371
General Office Building	651796	207.6761	8.5700e-003	1.7700e-003	208.4191
Medical Office Building	103120	32.8562	1.3600e-003	2.8000e-004	32.9738
Parking Lot	65520	20.8761	8.6000e-004	1.8000e-004	20.9508
Strip Mall	15996	5.0967	2.1000e-004	4.0000e-005	5.1149
Total		**284.4779**	**0.0117**	**2.4200e-003**	**285.4956**

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	56408	17.9728	7.4000e-004	1.5000e-004	18.0371
General Office Building	651796	207.6761	8.5700e-003	1.7700e-003	208.4191
Medical Office Building	103120	32.8562	1.3600e-003	2.8000e-004	32.9738
Parking Lot	65520	20.8761	8.6000e-004	1.8000e-004	20.9508
Strip Mall	15996	5.0967	2.1000e-004	4.0000e-005	5.1149
Total		**284.4779**	**0.0117**	**2.4200e-003**	**285.4956**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2508	3.0000e-005	3.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.8700e-003	6.8700e-003	2.0000e-005	0.0000	7.3300e-003
Unmitigated	0.2508	3.0000e-005	3.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.8700e-003	6.8700e-003	2.0000e-005	0.0000	7.3300e-003

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	0.0289					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2216					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.3000e-004	3.0000e-005	3.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.8700e-003	6.8700e-003	2.0000e-005	0.0000	7.3300e-003
Total	**0.2508**	**3.0000e-005**	**3.5500e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**6.8700e-003**	**6.8700e-003**	**2.0000e-005**	**0.0000**	**7.3300e-003**

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	0.0289					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2216					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.3000e-004	3.0000e-005	3.5500e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.8700e-003	6.8700e-003	2.0000e-005	0.0000	7.3300e-003
Total	**0.2508**	**3.0000e-005**	**3.5500e-003**	**0.0000**		**1.0000e-005**	**1.0000e-005**		**1.0000e-005**	**1.0000e-005**	**0.0000**	**6.8700e-003**	**6.8700e-003**	**2.0000e-005**	**0.0000**	**7.3300e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	65.3909	0.3311	8.2900e-003	76.1367
Unmitigated	65.3909	0.3311	8.2900e-003	76.1367

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	8.988 / 5.50877	59.6410	0.2952	7.4000e-003	69.2268
Medical Office Building	1.00384 / 0.191208	5.1601	0.0329	8.1000e-004	6.2253
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.088887 / 0.0544791	0.5898	2.9200e-003	7.0000e-005	0.6846
Total		**65.3909**	**0.3311**	**8.2800e-003**	**76.1367**

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	0.0000	0.0000	0.0000	0.0000
General Office Building	8.988 / 5.50877	59.6410	0.2952	7.4000e-003	69.2268
Medical Office Building	1.00384 / 0.191208	5.1601	0.0329	8.1000e-004	6.2253
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.088887 / 0.0544791	0.5898	2.9200e-003	7.0000e-005	0.6846
Total		**65.3909**	**0.3311**	**8.2800e-003**	**76.1367**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	27.3409	1.6158	0.0000	67.7358
Unmitigated	27.3409	1.6158	0.0000	67.7358

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	47.03	9.5467	0.5642	0.0000	23.6515
Medical Office Building	86.4	17.5384	1.0365	0.0000	43.4507
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	1.26	0.2558	0.0151	0.0000	0.6337
Total		**27.3409**	**1.6158**	**0.0000**	**67.7358**

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	47.03	9.5467	0.5642	0.0000	23.6515
Medical Office Building	86.4	17.5384	1.0365	0.0000	43.4507
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	1.26	0.2558	0.0151	0.0000	0.6337
Total		**27.3409**	**1.6158**	**0.0000**	**67.7358**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Park Palazzo

South Coast AQMD Air District, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	50.57	1000sqft	0.25	50,566.00	0
Medical Office Building	8.00	1000sqft	0.00	8,000.00	0
Enclosed Parking with Elevator	22.00	Space	0.00	8,800.00	0
Parking Lot	195.00	Space	1.75	78,000.00	0
Strip Mall	1.20	1000sqft	0.00	1,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - The building footprint would be 11,055 sqft (0.25 acre), with parking lot (1.75 acre).

Construction Phase - Project-specific anticipated construction schedule.

Off-road Equipment - Anticipated project-specific schedule.

Off-road Equipment - Anticipated project-specific equipment and schedule.

Off-road Equipment - Modified hours/day to anticipated construction schedule.

Off-road Equipment - Anticipated project-specific equipment and schedule.

Off-road Equipment - Anticipated project-specific equipment and schedule.

Off-road Equipment - Anticipated project-specific equipment and schedule. Other Construction Equipment = Jackhammer, 15hp and 0.55LF per OFFROAD2007

Off-road Equipment - Anticipated project-specific equipment and schedule. Other Construction Equipment = Jackhammer, 15hp and 0.55LF per OFFROAD2007

Off-road Equipment - Anticipated project-specific equipment and schedule.

Off-road Equipment - Anticipated project-specific equipment and schedule. Other Construction Equipment = Jackhammer, 15hp and 0.55LF per OFFROAD2007

Trips and VMT - Number of worker trips estimated to be double the anticipated number of daily workers (to account for roundtrips).

Demolition - Project-specific estimated demolition quantitity.

Grading - Project-specific estimates of acres graded and material exported.

Vehicle Trips - Weekday trip rates equal to traffic report.

Construction Off-road Equipment Mitigation -

Architectural Coating -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	43.00
tblConstructionPhase	NumDays	200.00	86.00
tblConstructionPhase	NumDays	200.00	132.00
tblConstructionPhase	NumDays	200.00	45.00
tblConstructionPhase	NumDays	20.00	43.00
tblConstructionPhase	NumDays	4.00	43.00
tblConstructionPhase	NumDays	10.00	0.00

tblConstructionPhase	NumDays	2.00	65.00
tblEnergyUse	LightingElect	1.75	2.50
tblEnergyUse	LightingElect	3.77	3.69
tblEnergyUse	LightingElect	3.77	3.69
tblEnergyUse	LightingElect	0.35	0.84
tblEnergyUse	LightingElect	6.26	6.11
tblEnergyUse	T24E	3.92	3.72
tblEnergyUse	T24E	4.60	4.58
tblEnergyUse	T24E	4.60	4.58
tblEnergyUse	T24E	4.01	3.99
tblEnergyUse	T24NG	10.02	9.57
tblEnergyUse	T24NG	10.02	9.57
tblEnergyUse	T24NG	1.15	1.10
tblGrading	AcresOfGrading	0.00	0.20
tblGrading	AcresOfGrading	0.00	2.00
tblGrading	MaterialExported	0.00	5,528.00
tblLandUse	LandUseSquareFeet	50,570.00	50,566.00
tblLandUse	LotAcreage	1.16	0.25
tblLandUse	LotAcreage	0.18	0.00
tblLandUse	LotAcreage	0.20	0.00
tblLandUse	LotAcreage	0.03	0.00
tblOffRoadEquipment	HorsePower	172.00	15.00
tblOffRoadEquipment	HorsePower	172.00	15.00
tblOffRoadEquipment	HorsePower	172.00	15.00
tblOffRoadEquipment	LoadFactor	0.42	0.55
tblOffRoadEquipment	LoadFactor	0.42	0.55
tblOffRoadEquipment	LoadFactor	0.42	0.55

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	6.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	11.00

tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	6.00	11.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	10.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	8.00	16.00

tblTripsAndVMT	WorkerTripNumber	56.00	30.00
tblTripsAndVMT	WorkerTripNumber	56.00	40.00
tblTripsAndVMT	WorkerTripNumber	13.00	6.00
tblTripsAndVMT	WorkerTripNumber	11.00	6.00
tblTripsAndVMT	WorkerTripNumber	56.00	6.00
tblVehicleTrips	WD_TR	11.03	10.84
tblVehicleTrips	WD_TR	36.13	27.50
tblVehicleTrips	WD_TR	44.32	40.00

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					
2018	5.8411	50.8642	36.3339	0.0643	1.8900	3.0467	4.9367	0.3251	2.9104	3.2355	0.0000	6,270.8743	6,270.8743	1.0967	0.0000	6,298.2910
2019	15.5510	67.3940	60.5504	0.1132	1.0897	4.0570	5.1467	0.2959	3.9784	4.2744	0.0000	10,908.3968	10,908.3968	1.2365	0.0000	10,939.3092
2020	1.4379	11.7978	10.9178	0.0232	0.2207	0.6231	0.8438	0.0620	0.6226	0.6846	0.0000	2,275.3056	2,275.3056	0.1632	0.0000	2,279.3851
Maximum	**15.5510**	**67.3940**	**60.5504**	**0.1132**	**1.8900**	**4.0570**	**5.1467**	**0.3251**	**3.9784**	**4.2744**	**0.0000**	**10,908.3968**	**10,908.3968**	**1.2365**	**0.0000**	**10,939.3092**

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					
2018	5.8411	50.8642	36.3339	0.0643	0.9478	3.0467	3.9946	0.1833	2.9104	3.0937	0.0000	6,270.8743	6,270.8743	1.0967	0.0000	6,298.2910
2019	15.5510	67.3940	60.5504	0.1132	1.0897	4.0570	5.1467	0.2959	3.9784	4.2744	0.0000	10,908.3968	10,908.3968	1.2365	0.0000	10,939.3092
2020	1.4379	11.7978	10.9178	0.0232	0.2207	0.6231	0.8438	0.0620	0.6226	0.6846	0.0000	2,275.3056	2,275.3056	0.1632	0.0000	2,279.3851
Maximum	**15.5510**	**67.3940**	**60.5504**	**0.1132**	**1.0897**	**4.0570**	**5.1467**	**0.2959**	**3.9784**	**4.2744**	**0.0000**	**10,908.3968**	**10,908.3968**	**1.2365**	**0.0000**	**10,939.3092**

Park Palazzo - South Coast AQMD Air District, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**29.44**	**0.00**	**8.62**	**20.76**	**0.00**	**1.73**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.3752	2.6000e-004	0.0284	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
Energy	0.0173	0.1572	0.1320	9.4000e-004		0.0120	0.0120		0.0120	0.0120		188.6303	188.6303	3.6200e-003	3.4600e-003	189.7512
Mobile	1.5665	7.7283	19.8538	0.0670	5.1724	0.0655	5.2379	1.3840	0.0615	1.4455		6,809.5556	6,809.5556	0.3430		6,818.1304
Total	**2.9590**	**7.8858**	**20.0143**	**0.0679**	**5.1724**	**0.0776**	**5.2500**	**1.3840**	**0.0736**	**1.4576**		**6,998.2464**	**6,998.2464**	**0.3468**	**3.4600e-003**	**7,007.9462**

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	1.3752	2.6000e-004	0.0284	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
Energy	0.0173	0.1572	0.1320	9.4000e-004		0.0120	0.0120		0.0120	0.0120		188.6303	188.6303	3.6200e-003	3.4600e-003	189.7512
Mobile	1.5665	7.7283	19.8538	0.0670	5.1724	0.0655	5.2379	1.3840	0.0615	1.4455		6,809.5556	6,809.5556	0.3430		6,818.1304
Total	**2.9590**	**7.8858**	**20.0143**	**0.0679**	**5.1724**	**0.0776**	**5.2500**	**1.3840**	**0.0736**	**1.4576**		**6,998.2464**	**6,998.2464**	**0.3468**	**3.4600e-003**	**7,007.9462**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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	8/1/2018	9/30/2018	5	43	
2	Site Preparation	Site Preparation	9/1/2018	11/30/2018	5	65	
3	Grading/Excavation	Grading	11/1/2018	12/31/2018	5	43	
4	Drainage/Utilities/Trenching	Trenching	1/1/2019	2/28/2019	5	43	
5	Foundations/Concrete Pour	Building Construction	2/1/2019	5/31/2019	5	86	
6	Building Construction	Building Construction	5/1/2019	10/31/2019	5	132	
7	Paving	Paving	10/1/2019	11/30/2018	5	0	
8	Architectural Coating	Architectural Coating	11/1/2019	12/31/2019	5	43	
9	Finishes	Building Construction	12/1/2019	1/31/2020	5	45	

Acres of Grading (Site Preparation Phase): 2

Acres of Grading (Grading Phase): 0

Acres of Paving: 1.75

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 89,649; Non-Residential Outdoor: 29,883; Striped Parking Area: 5,208 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	11.00	81	0.73

Demolition	Rubber Tired Dozers	1	11.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	11.00	97	0.37
Site Preparation	Air Compressors	2	11.00	78	0.48
Site Preparation	Cement and Mortar Mixers	1	11.00	9	0.56
Site Preparation	Concrete/Industrial Saws	1	11.00	81	0.73
Site Preparation	Graders	0	0.00	187	0.41
Site Preparation	Other Construction Equipment	1	11.00	15	0.55
Site Preparation	Plate Compactors	1	11.00	8	0.43
Site Preparation	Scrapers	0	0.00	367	0.48
Site Preparation	Signal Boards	1	11.00	6	0.82
Site Preparation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Grading/Excavation	Air Compressors	2	11.00	78	0.48
Grading/Excavation	Graders	0	0.00	187	0.41
Grading/Excavation	Other Construction Equipment	1	11.00	15	0.55
Grading/Excavation	Plate Compactors	1	11.00	8	0.43
Grading/Excavation	Rubber Tired Dozers	0	0.00	247	0.40
Grading/Excavation	Signal Boards	1	11.00	6	0.82
Grading/Excavation	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Drainage/Utilities/Trenching	Cranes	1	11.00	231	0.29
Drainage/Utilities/Trenching	Plate Compactors	1	11.00	8	0.43
Drainage/Utilities/Trenching	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Foundations/Concrete Pour	Air Compressors	3	11.00	78	0.48
Foundations/Concrete Pour	Cement and Mortar Mixers	1	11.00	9	0.56
Foundations/Concrete Pour	Concrete/Industrial Saws	1	11.00	81	0.73
Foundations/Concrete Pour	Cranes	0	0.00	231	0.29
Foundations/Concrete Pour	Forklifts	1	11.00	89	0.20
Foundations/Concrete Pour	Generator Sets	0	0.00	84	0.74

Foundations/Concrete Pour	Other Construction Equipment	1	11.00	15	0.55
Foundations/Concrete Pour	Plate Compactors	1	11.00	8	0.43
Foundations/Concrete Pour	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Foundations/Concrete Pour	Welders	0	0.00	46	0.45
Building Construction	Air Compressors	7	11.00	78	0.48
Building Construction	Cement and Mortar Mixers	1	11.00	9	0.56
Building Construction	Concrete/Industrial Saws	1	11.00	81	0.73
Building Construction	Cranes	1	11.00	231	0.29
Building Construction	Forklifts	1	11.00	89	0.20
Building Construction	Generator Sets	0	0.00	84	0.74
Building Construction	Plate Compactors	1	11.00	8	0.43
Building Construction	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Building Construction	Welders	0	0.00	46	0.45
Paving	Pavers	0	0.00	130	0.42
Paving	Paving Equipment	1	11.00	132	0.36
Paving	Plate Compactors	1	11.00	8	0.43
Paving	Pumps	1	11.00	84	0.74
Paving	Rollers	0	0.00	80	0.38
Paving	Surfacing Equipment	1	11.00	263	0.30
Paving	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Architectural Coating	Air Compressors	1	11.00	78	0.48
Finishes	Air Compressors	3	11.00	78	0.48
Finishes	Cranes	0	0.00	231	0.29
Finishes	Forklifts	0	0.00	89	0.20
Finishes	Generator Sets	0	0.00	84	0.74
Finishes	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Finishes	Welders	0	0.00	46	0.45

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	10.00	0.00	300.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading/Excavation	6	8.00	0.00	691.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Drainage/Utilities/Trenching	3	16.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations/Concrete Pour	9	30.00	24.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	12	40.00	24.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	6.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	6.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finishes	3	6.00	24.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5119	0.0000	1.5119	0.2289	0.0000	0.2289			0.0000			0.0000
Off-Road	3.4152	33.5006	20.7773	0.0332		1.9751	1.9751		1.8465	1.8465		3,287.8531	3,287.8531	0.8330		3,308.6769
Total	**3.4152**	**33.5006**	**20.7773**	**0.0332**	**1.5119**	**1.9751**	**3.4870**	**0.2289**	**1.8465**	**2.0754**		**3,287.8531**	**3,287.8531**	**0.8330**		**3,308.6769**

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	0.0605	2.1481	0.3978	5.5400e-003	0.1219	8.2600e-003	0.1302	0.0334	7.9000e-003	0.0413		597.7578	597.7578	0.0409		598.7799
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0539	0.0386	0.5018	1.2300e-003	0.1118	8.9000e-004	0.1127	0.0296	8.2000e-004	0.0305		121.9352	121.9352	4.1600e-003		122.0391
Total	**0.1144**	**2.1868**	**0.8996**	**6.7700e-003**	**0.2337**	**9.1500e-003**	**0.2429**	**0.0631**	**8.7200e-003**	**0.0718**		**719.6930**	**719.6930**	**0.0450**		**720.8190**

3.2 Demolition - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5896	0.0000	0.5896	0.0893	0.0000	0.0893			0.0000			0.0000
Off-Road	3.4152	33.5006	20.7773	0.0332		1.9751	1.9751		1.8465	1.8465	0.0000	3,287.8531	3,287.8531	0.8330		3,308.6769
Total	**3.4152**	**33.5006**	**20.7773**	**0.0332**	**0.5896**	**1.9751**	**2.5647**	**0.0893**	**1.8465**	**1.9357**	**0.0000**	**3,287.8531**	**3,287.8531**	**0.8330**		**3,308.6769**

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	0.0605	2.1481	0.3978	5.5400e-003	0.1219	8.2600e-003	0.1302	0.0334	7.9000e-003	0.0413		597.7578	597.7578	0.0409		598.7799
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0539	0.0386	0.5018	1.2300e-003	0.1118	8.9000e-004	0.1127	0.0296	8.2000e-004	0.0305		121.9352	121.9352	4.1600e-003		122.0391
Total	**0.1144**	**2.1868**	**0.8996**	**6.7700e-003**	**0.2337**	**9.1500e-003**	**0.2429**	**0.0631**	**8.7200e-003**	**0.0718**		**719.6930**	**719.6930**	**0.0450**		**720.8190**

3.3 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0326	0.0000	0.0326	3.5200e-003	0.0000	3.5200e-003			0.0000			0.0000
Off-Road	2.2577	15.1382	14.1554	0.0232		1.0616	1.0616		1.0544	1.0544		2,141.3931	2,141.3931	0.2145		2,146.7560
Total	**2.2577**	**15.1382**	**14.1554**	**0.0232**	**0.0326**	**1.0616**	**1.0942**	**3.5200e-003**	**1.0544**	**1.0579**		**2,141.3931**	**2,141.3931**	**0.2145**		**2,146.7560**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0539	0.0386	0.5018	1.2300e-003	0.1118	8.9000e-004	0.1127	0.0296	8.2000e-004	0.0305		121.9352	121.9352	4.1600e-003		122.0391
Total	**0.0539**	**0.0386**	**0.5018**	**1.2300e-003**	**0.1118**	**8.9000e-004**	**0.1127**	**0.0296**	**8.2000e-004**	**0.0305**		**121.9352**	**121.9352**	**4.1600e-003**		**122.0391**

3.3 Site Preparation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0127	0.0000	0.0127	1.3700e-003	0.0000	1.3700e-003			0.0000			0.0000
Off-Road	2.2577	15.1382	14.1554	0.0232		1.0616	1.0616		1.0544	1.0544	0.0000	2,141.3931	2,141.3931	0.2145		2,146.7560
Total	**2.2577**	**15.1382**	**14.1554**	**0.0232**	**0.0127**	**1.0616**	**1.0743**	**1.3700e-003**	**1.0544**	**1.0557**	**0.0000**	**2,141.3931**	**2,141.3931**	**0.2145**		**2,146.7560**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0539	0.0386	0.5018	1.2300e-003	0.1118	8.9000e-004	0.1127	0.0296	8.2000e-004	0.0305		121.9352	121.9352	4.1600e-003		122.0391
Total	**0.0539**	**0.0386**	**0.5018**	**1.2300e-003**	**0.1118**	**8.9000e-004**	**0.1127**	**0.0296**	**8.2000e-004**	**0.0305**		**121.9352**	**121.9352**	**4.1600e-003**		**122.0391**

3.4 Grading/Excavation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0195	0.0000	0.0195	2.7300e-003	0.0000	2.7300e-003			0.0000			0.0000
Off-Road	1.8287	12.8647	11.8237	0.0179		0.9307	0.9307		0.9030	0.9030		1,687.0862	1,687.0862	0.2781		1,694.0386
Total	**1.8287**	**12.8647**	**11.8237**	**0.0179**	**0.0195**	**0.9307**	**0.9502**	**2.7300e-003**	**0.9030**	**0.9058**		**1,687.0862**	**1,687.0862**	**0.2781**		**1,694.0386**

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	0.1393	4.9479	0.9162	0.0128	0.2808	0.0190	0.2998	0.0770	0.0182	0.0952		1,376.8355	1,376.8355	0.0942		1,379.1897
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0431	0.0309	0.4014	9.8000e-004	0.0894	7.1000e-004	0.0901	0.0237	6.6000e-004	0.0244		97.5481	97.5481	3.3300e-003		97.6313
Total	**0.1824**	**4.9788**	**1.3177**	**0.0138**	**0.3702**	**0.0197**	**0.3900**	**0.1007**	**0.0189**	**0.1195**		**1,474.3836**	**1,474.3836**	**0.0975**		**1,476.8210**

3.4 Grading/Excavation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.5900e-003	0.0000	7.5900e-003	1.0700e-003	0.0000	1.0700e-003			0.0000			0.0000
Off-Road	1.8287	12.8647	11.8237	0.0179		0.9307	0.9307		0.9030	0.9030	0.0000	1,687.0862	1,687.0862	0.2781		1,694.0386
Total	**1.8287**	**12.8647**	**11.8237**	**0.0179**	**7.5900e-003**	**0.9307**	**0.9383**	**1.0700e-003**	**0.9030**	**0.9041**	**0.0000**	**1,687.0862**	**1,687.0862**	**0.2781**		**1,694.0386**

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	0.1393	4.9479	0.9162	0.0128	0.2808	0.0190	0.2998	0.0770	0.0182	0.0952		1,376.8355	1,376.8355	0.0942		1,379.1897
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0431	0.0309	0.4014	9.8000e-004	0.0894	7.1000e-004	0.0901	0.0237	6.6000e-004	0.0244		97.5481	97.5481	3.3300e-003		97.6313
Total	**0.1824**	**4.9788**	**1.3177**	**0.0138**	**0.3702**	**0.0197**	**0.3900**	**0.1007**	**0.0189**	**0.1195**		**1,474.3836**	**1,474.3836**	**0.0975**		**1,476.8210**

3.5 Drainage/Utilities/Trenching - 2019

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	1.0683	11.8190	6.6085	0.0129		0.5781	0.5781		0.5329	0.5329		1,255.6938	1,255.6938	0.3872		1,265.3740
Total	**1.0683**	**11.8190**	**6.6085**	**0.0129**		**0.5781**	**0.5781**		**0.5329**	**0.5329**		**1,255.6938**	**1,255.6938**	**0.3872**		**1,265.3740**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0784	0.0545	0.7189	1.9000e-003	0.1788	1.3900e-003	0.1802	0.0474	1.2800e-003	0.0487		188.9583	188.9583	5.9100e-003		189.1060
Total	**0.0784**	**0.0545**	**0.7189**	**1.9000e-003**	**0.1788**	**1.3900e-003**	**0.1802**	**0.0474**	**1.2800e-003**	**0.0487**		**188.9583**	**188.9583**	**5.9100e-003**		**189.1060**

3.5 Drainage/Utilities/Trenching - 2019

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	1.0683	11.8190	6.6085	0.0129		0.5781	0.5781		0.5329	0.5329	0.0000	1,255.6938	1,255.6938	0.3872		1,265.3740
Total	**1.0683**	**11.8190**	**6.6085**	**0.0129**		**0.5781**	**0.5781**		**0.5329**	**0.5329**	**0.0000**	**1,255.6938**	**1,255.6938**	**0.3872**		**1,265.3740**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0784	0.0545	0.7189	1.9000e-003	0.1788	1.3900e-003	0.1802	0.0474	1.2800e-003	0.0487		188.9583	188.9583	5.9100e-003		189.1060
Total	**0.0784**	**0.0545**	**0.7189**	**1.9000e-003**	**0.1788**	**1.3900e-003**	**0.1802**	**0.0474**	**1.2800e-003**	**0.0487**		**188.9583**	**188.9583**	**5.9100e-003**		**189.1060**

3.6 Foundations/Concrete Pour - 2019

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	3.0071	22.0995	21.8480	0.0341		1.5111	1.5111		1.4748	1.4748		3,218.6688	3,218.6688	0.4340		3,229.5194
Total	**3.0071**	**22.0995**	**21.8480**	**0.0341**		**1.5111**	**1.5111**		**1.4748**	**1.4748**		**3,218.6688**	**3,218.6688**	**0.4340**		**3,229.5194**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0925	2.7462	0.6639	6.2200e-003	0.1536	0.0182	0.1718	0.0442	0.0174	0.0616		662.9273	662.9273	0.0439		664.0239
Worker	0.1469	0.1022	1.3480	3.5600e-003	0.3353	2.6100e-003	0.3379	0.0889	2.4000e-003	0.0913		354.2967	354.2967	0.0111		354.5737
Total	**0.2394**	**2.8484**	**2.0119**	**9.7800e-003**	**0.4889**	**0.0208**	**0.5097**	**0.1332**	**0.0198**	**0.1530**		**1,017.2240**	**1,017.2240**	**0.0549**		**1,018.5976**

3.6 Foundations/Concrete Pour - 2019

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	3.0071	22.0995	21.8480	0.0341		1.5111	1.5111		1.4748	1.4748	0.0000	3,218.6688	3,218.6688	0.4340		3,229.5194
Total	**3.0071**	**22.0995**	**21.8480**	**0.0341**		**1.5111**	**1.5111**		**1.4748**	**1.4748**	**0.0000**	**3,218.6688**	**3,218.6688**	**0.4340**		**3,229.5194**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0925	2.7462	0.6639	6.2200e-003	0.1536	0.0182	0.1718	0.0442	0.0174	0.0616		662.9273	662.9273	0.0439		664.0239
Worker	0.1469	0.1022	1.3480	3.5600e-003	0.3353	2.6100e-003	0.3379	0.0889	2.4000e-003	0.0913		354.2967	354.2967	0.0111		354.5737
Total	**0.2394**	**2.8484**	**2.0119**	**9.7800e-003**	**0.4889**	**0.0208**	**0.5097**	**0.1332**	**0.0198**	**0.1530**		**1,017.2240**	**1,017.2240**	**0.0549**		**1,018.5976**

3.7 Building Construction - 2019

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	5.1035	39.5637	34.2292	0.0584		2.5034	2.5034		2.4633	2.4633		5,537.1811	5,537.1811	0.6889		5,554.4034
Total	**5.1035**	**39.5637**	**34.2292**	**0.0584**		**2.5034**	**2.5034**		**2.4633**	**2.4633**		**5,537.1811**	**5,537.1811**	**0.6889**		**5,554.4034**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0925	2.7462	0.6639	6.2200e-003	0.1536	0.0182	0.1718	0.0442	0.0174	0.0616		662.9273	662.9273	0.0439		664.0239
Worker	0.1959	0.1363	1.7973	4.7400e-003	0.4471	3.4800e-003	0.4506	0.1186	3.2100e-003	0.1218		472.3956	472.3956	0.0148		472.7650
Total	**0.2884**	**2.8825**	**2.4612**	**0.0110**	**0.6007**	**0.0217**	**0.6224**	**0.1628**	**0.0206**	**0.1834**		**1,135.3229**	**1,135.3229**	**0.0586**		**1,136.7889**

3.7 Building Construction - 2019

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	5.1035	39.5637	34.2292	0.0584		2.5034	2.5034		2.4633	2.4633	0.0000	5,537.1811	5,537.1811	0.6889		5,554.4034
Total	**5.1035**	**39.5637**	**34.2292**	**0.0584**		**2.5034**	**2.5034**		**2.4633**	**2.4633**	**0.0000**	**5,537.1811**	**5,537.1811**	**0.6889**		**5,554.4034**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0925	2.7462	0.6639	6.2200e-003	0.1536	0.0182	0.1718	0.0442	0.0174	0.0616		662.9273	662.9273	0.0439		664.0239
Worker	0.1959	0.1363	1.7973	4.7400e-003	0.4471	3.4800e-003	0.4506	0.1186	3.2100e-003	0.1218		472.3956	472.3956	0.0148		472.7650
Total	**0.2884**	**2.8825**	**2.4612**	**0.0110**	**0.6007**	**0.0217**	**0.6224**	**0.1628**	**0.0206**	**0.1834**		**1,135.3229**	**1,135.3229**	**0.0586**		**1,136.7889**

3.9 Architectural Coating - 2019

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	13.4458					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4885	3.3649	3.3758	5.4500e-003		0.2361	0.2361		0.2361	0.2361		515.9881	515.9881	0.0436		517.0776
Total	**13.9343**	**3.3649**	**3.3758**	**5.4500e-003**		**0.2361**	**0.2361**		**0.2361**	**0.2361**		**515.9881**	**515.9881**	**0.0436**		**517.0776**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0294	0.0205	0.2696	7.1000e-004	0.1254	5.2000e-004	0.1259	0.0321	4.8000e-004	0.0326		70.8593	70.8593	2.2200e-003		70.9147
Total	**0.0294**	**0.0205**	**0.2696**	**7.1000e-004**	**0.1254**	**5.2000e-004**	**0.1259**	**0.0321**	**4.8000e-004**	**0.0326**		**70.8593**	**70.8593**	**2.2200e-003**		**70.9147**

3.9 Architectural Coating - 2019

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	13.4458					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4885	3.3649	3.3758	5.4500e-003		0.2361	0.2361		0.2361	0.2361	0.0000	515.9881	515.9881	0.0436		517.0776
Total	**13.9343**	**3.3649**	**3.3758**	**5.4500e-003**		**0.2361**	**0.2361**		**0.2361**	**0.2361**	**0.0000**	**515.9881**	**515.9881**	**0.0436**		**517.0776**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0294	0.0205	0.2696	7.1000e-004	0.1254	5.2000e-004	0.1259	0.0321	4.8000e-004	0.0326		70.8593	70.8593	2.2200e-003		70.9147
Total	**0.0294**	**0.0205**	**0.2696**	**7.1000e-004**	**0.1254**	**5.2000e-004**	**0.1259**	**0.0321**	**4.8000e-004**	**0.0326**		**70.8593**	**70.8593**	**2.2200e-003**		**70.9147**

3.10 Finishes - 2019

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	1.4654	10.0946	10.1273	0.0163		0.7082	0.7082		0.7082	0.7082		1,547.9643	1,547.9643	0.1308		1,551.2329
Total	**1.4654**	**10.0946**	**10.1273**	**0.0163**		**0.7082**	**0.7082**		**0.7082**	**0.7082**		**1,547.9643**	**1,547.9643**	**0.1308**		**1,551.2329**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0925	2.7462	0.6639	6.2200e-003	0.1536	0.0182	0.1718	0.0442	0.0174	0.0616		662.9273	662.9273	0.0439		664.0239
Worker	0.0294	0.0205	0.2696	7.1000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		70.8593	70.8593	2.2200e-003		70.9147
Total	**0.1219**	**2.7666**	**0.9335**	**6.9300e-003**	**0.2207**	**0.0187**	**0.2394**	**0.0620**	**0.0179**	**0.0799**		**733.7866**	**733.7866**	**0.0461**		**734.9386**

3.10 Finishes - 2019

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	1.4654	10.0946	10.1273	0.0163		0.7082	0.7082		0.7082	0.7082	0.0000	1,547.9643	1,547.9643	0.1308		1,551.2329
Total	**1.4654**	**10.0946**	**10.1273**	**0.0163**		**0.7082**	**0.7082**		**0.7082**	**0.7082**	**0.0000**	**1,547.9643**	**1,547.9643**	**0.1308**		**1,551.2329**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0925	2.7462	0.6639	6.2200e-003	0.1536	0.0182	0.1718	0.0442	0.0174	0.0616		662.9273	662.9273	0.0439		664.0239
Worker	0.0294	0.0205	0.2696	7.1000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		70.8593	70.8593	2.2200e-003		70.9147
Total	**0.1219**	**2.7666**	**0.9335**	**6.9300e-003**	**0.2207**	**0.0187**	**0.2394**	**0.0620**	**0.0179**	**0.0799**		**733.7866**	**733.7866**	**0.0461**		**734.9386**

3.10 Finishes - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3320	9.2611	10.0728	0.0163		0.6101	0.6101		0.6101	0.6101		1,547.9643	1,547.9643	0.1199		1,550.9605
Total	**1.3320**	**9.2611**	**10.0728**	**0.0163**		**0.6101**	**0.6101**		**0.6101**	**0.6101**		**1,547.9643**	**1,547.9643**	**0.1199**		**1,550.9605**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0788	2.5184	0.5997	6.1800e-003	0.1536	0.0125	0.1661	0.0442	0.0119	0.0562		658.6763	658.6763	0.0414		659.7102
Worker	0.0272	0.0183	0.2453	6.9000e-004	0.0671	5.1000e-004	0.0676	0.0178	4.7000e-004	0.0183		68.6651	68.6651	1.9700e-003		68.7144
Total	**0.1060**	**2.5367**	**0.8450**	**6.8700e-003**	**0.2207**	**0.0130**	**0.2337**	**0.0620**	**0.0124**	**0.0744**		**727.3413**	**727.3413**	**0.0433**		**728.4246**

3.10 Finishes - 2020

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	1.3320	9.2611	10.0728	0.0163		0.6101	0.6101		0.6101	0.6101	0.0000	1,547.9643	1,547.9643	0.1199		1,550.9605
Total	**1.3320**	**9.2611**	**10.0728**	**0.0163**		**0.6101**	**0.6101**		**0.6101**	**0.6101**	**0.0000**	**1,547.9643**	**1,547.9643**	**0.1199**		**1,550.9605**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0788	2.5184	0.5997	6.1800e-003	0.1536	0.0125	0.1661	0.0442	0.0119	0.0562		658.6763	658.6763	0.0414		659.7102
Worker	0.0272	0.0183	0.2453	6.9000e-004	0.0671	5.1000e-004	0.0676	0.0178	4.7000e-004	0.0183		68.6651	68.6651	1.9700e-003		68.7144
Total	**0.1060**	**2.5367**	**0.8450**	**6.8700e-003**	**0.2207**	**0.0130**	**0.2337**	**0.0620**	**0.0124**	**0.0744**		**727.3413**	**727.3413**	**0.0433**		**728.4246**

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	1.5665	7.7283	19.8538	0.0670	5.1724	0.0655	5.2379	1.3840	0.0615	1.4455		6,809.5556	6,809.5556	0.3430		6,818.1304
Unmitigated	1.5665	7.7283	19.8538	0.0670	5.1724	0.0655	5.2379	1.3840	0.0615	1.4455		6,809.5556	6,809.5556	0.3430		6,818.1304

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	548.18	124.40	53.10	1,343,071	1,343,071
Medical Office Building	220.00	71.68	12.40	438,762	438,762
Parking Lot	0.00	0.00	0.00		
Strip Mall	48.00	50.45	24.52	85,607	85,607
Total	816.18	246.53	90.01	1,867,440	1,867,440

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
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
General Office Building	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Medical Office Building	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Parking Lot	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Strip Mall	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0173	0.1572	0.1320	9.4000e-004		0.0120	0.0120		0.0120	0.0120		188.6303	188.6303	3.6200e-003	3.4600e-003	189.7512
NaturalGas Unmitigated	0.0173	0.1572	0.1320	9.4000e-004		0.0120	0.0120		0.0120	0.0120		188.6303	188.6303	3.6200e-003	3.4600e-003	189.7512

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	1379.83	0.0149	0.1353	0.1136	8.1000e-004		0.0103	0.0103		0.0103	0.0103		162.3328	162.3328	3.1100e-003	2.9800e-003	163.2974
Medical Office Building	218.301	2.3500e-003	0.0214	0.0180	1.3000e-004		1.6300e-003	1.6300e-003		1.6300e-003	1.6300e-003		25.6825	25.6825	4.9000e-004	4.7000e-004	25.8351
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	5.2274	6.0000e-005	5.1000e-004	4.3000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.6150	0.6150	1.0000e-005	1.0000e-005	0.6186
Total		**0.0173**	**0.1572**	**0.1320**	**9.4000e-004**		**0.0120**	**0.0120**		**0.0120**	**0.0120**		**188.6303**	**188.6303**	**3.6100e-003**	**3.4600e-003**	**189.7512**

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	1.37983	0.0149	0.1353	0.1136	8.1000e-004		0.0103	0.0103		0.0103	0.0103		162.3328	162.3328	3.1100e-003	2.9800e-003	163.2974
Medical Office Building	0.218301	2.3500e-003	0.0214	0.0180	1.3000e-004		1.6300e-003	1.6300e-003		1.6300e-003	1.6300e-003		25.6825	25.6825	4.9000e-004	4.7000e-004	25.8351
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0052274	6.0000e-005	5.1000e-004	4.3000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.6150	0.6150	1.0000e-005	1.0000e-005	0.6186
Total		**0.0173**	**0.1572**	**0.1320**	**9.4000e-004**		**0.0120**	**0.0120**		**0.0120**	**0.0120**		**188.6303**	**188.6303**	**3.6100e-003**	**3.4600e-003**	**189.7512**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.3752	2.6000e-004	0.0284	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
Unmitigated	1.3752	2.6000e-004	0.0284	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646

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	0.1584					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2141					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6800e-003	2.6000e-004	0.0284	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
Total	**1.3752**	**2.6000e-004**	**0.0284**	**0.0000**		**1.0000e-004**	**1.0000e-004**		**1.0000e-004**	**1.0000e-004**		**0.0606**	**0.0606**	**1.6000e-004**		**0.0646**

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	0.1584					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2141					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6800e-003	2.6000e-004	0.0284	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
Total	**1.3752**	**2.6000e-004**	**0.0284**	**0.0000**		**1.0000e-004**	**1.0000e-004**		**1.0000e-004**	**1.0000e-004**		**0.0606**	**0.0606**	**1.6000e-004**		**0.0646**

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Park Palazzo

South Coast AQMD Air District, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	50.57	1000sqft	0.25	50,566.00	0
Medical Office Building	8.00	1000sqft	0.00	8,000.00	0
Enclosed Parking with Elevator	22.00	Space	0.00	8,800.00	0
Parking Lot	195.00	Space	1.75	78,000.00	0
Strip Mall	1.20	1000sqft	0.00	1,200.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	9			**Operational Year**	2020
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - The building footprint would be 11,055 sqft (0.25 acre), with parking lot (1.75 acre).

Construction Phase - Project-specific anticipated construction schedule.

Off-road Equipment - Anticipated project-specific schedule.

Off-road Equipment - Anticipated project-specific equipment and schedule.

Off-road Equipment - Modified hours/day to anticipated construction schedule.

Off-road Equipment - Anticipated project-specific equipment and schedule.

Off-road Equipment - Anticipated project-specific equipment and schedule.

Off-road Equipment - Anticipated project-specific equipment and schedule. Other Construction Equipment = Jackhammer, 15hp and 0.55LF per OFFROAD2007

Off-road Equipment - Anticipated project-specific equipment and schedule. Other Construction Equipment = Jackhammer, 15hp and 0.55LF per OFFROAD2007

Off-road Equipment - Anticipated project-specific equipment and schedule.

Off-road Equipment - Anticipated project-specific equipment and schedule. Other Construction Equipment = Jackhammer, 15hp and 0.55LF per OFFROAD2007

Trips and VMT - Number of worker trips estimated to be double the anticipated number of daily workers (to account for roundtrips).

Demolition - Project-specific estimated demolition quantitity.

Grading - Project-specific estimates of acres graded and material exported.

Vehicle Trips - Weekday trip rates equal to traffic report.

Construction Off-road Equipment Mitigation -

Architectural Coating -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	43.00
tblConstructionPhase	NumDays	200.00	86.00
tblConstructionPhase	NumDays	200.00	132.00
tblConstructionPhase	NumDays	200.00	45.00
tblConstructionPhase	NumDays	20.00	43.00
tblConstructionPhase	NumDays	4.00	43.00
tblConstructionPhase	NumDays	10.00	0.00

tblConstructionPhase	NumDays	2.00	65.00
tblEnergyUse	LightingElect	1.75	2.50
tblEnergyUse	LightingElect	3.77	3.69
tblEnergyUse	LightingElect	3.77	3.69
tblEnergyUse	LightingElect	0.35	0.84
tblEnergyUse	LightingElect	6.26	6.11
tblEnergyUse	T24E	3.92	3.72
tblEnergyUse	T24E	4.60	4.58
tblEnergyUse	T24E	4.60	4.58
tblEnergyUse	T24E	4.01	3.99
tblEnergyUse	T24NG	10.02	9.57
tblEnergyUse	T24NG	10.02	9.57
tblEnergyUse	T24NG	1.15	1.10
tblGrading	AcresOfGrading	0.00	0.20
tblGrading	AcresOfGrading	0.00	2.00
tblGrading	MaterialExported	0.00	5,528.00
tblLandUse	LandUseSquareFeet	50,570.00	50,566.00
tblLandUse	LotAcreage	1.16	0.25
tblLandUse	LotAcreage	0.18	0.00
tblLandUse	LotAcreage	0.20	0.00
tblLandUse	LotAcreage	0.03	0.00
tblOffRoadEquipment	HorsePower	172.00	15.00
tblOffRoadEquipment	HorsePower	172.00	15.00
tblOffRoadEquipment	HorsePower	172.00	15.00
tblOffRoadEquipment	LoadFactor	0.42	0.55
tblOffRoadEquipment	LoadFactor	0.42	0.55
tblOffRoadEquipment	LoadFactor	0.42	0.55

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	0.00
tblOffRoadEquipment	UsageHours	6.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	7.00	11.00

tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	6.00	11.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	6.00	0.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	7.00	11.00
tblOffRoadEquipment	UsageHours	8.00	11.00
tblOffRoadEquipment	UsageHours	7.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblOffRoadEquipment	UsageHours	8.00	0.00
tblTripsAndVMT	WorkerTripNumber	13.00	10.00
tblTripsAndVMT	WorkerTripNumber	18.00	10.00
tblTripsAndVMT	WorkerTripNumber	15.00	8.00
tblTripsAndVMT	WorkerTripNumber	8.00	16.00

tblTripsAndVMT	WorkerTripNumber	56.00	30.00
tblTripsAndVMT	WorkerTripNumber	56.00	40.00
tblTripsAndVMT	WorkerTripNumber	13.00	6.00
tblTripsAndVMT	WorkerTripNumber	11.00	6.00
tblTripsAndVMT	WorkerTripNumber	56.00	6.00
tblVehicleTrips	WD_TR	11.03	10.84
tblVehicleTrips	WD_TR	36.13	27.50
tblVehicleTrips	WD_TR	44.32	40.00

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					
2018	5.8523	50.9015	36.2722	0.0641	1.8900	3.0469	4.9368	0.3251	2.9105	3.2357	0.0000	6,244.4173	6,244.4173	1.0980	0.0000	6,271.8679
2019	15.5604	67.4206	60.3936	0.1123	1.0897	4.0576	5.1472	0.2959	3.9790	4.2749	0.0000	10,817.0270	10,817.0270	1.2413	0.0000	10,848.0606
2020	1.4441	11.7969	10.9623	0.0230	0.2207	0.6233	0.8440	0.0620	0.6227	0.6847	0.0000	2,251.8169	2,251.8169	0.1661	0.0000	2,255.9696
Maximum	**15.5604**	**67.4206**	**60.3936**	**0.1123**	**1.8900**	**4.0576**	**5.1472**	**0.3251**	**3.9790**	**4.2749**	**0.0000**	**10,817.0270**	**10,817.0270**	**1.2413**	**0.0000**	**10,848.0606**

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					
2018	5.8523	50.9015	36.2722	0.0641	0.9478	3.0469	3.9947	0.1833	2.9105	3.0939	0.0000	6,244.4173	6,244.4173	1.0980	0.0000	6,271.8679
2019	15.5604	67.4206	60.3936	0.1123	1.0897	4.0576	5.1472	0.2959	3.9790	4.2749	0.0000	10,817.0270	10,817.0270	1.2413	0.0000	10,848.0606
2020	1.4441	11.7969	10.9623	0.0230	0.2207	0.6233	0.8440	0.0620	0.6227	0.6847	0.0000	2,251.8169	2,251.8169	0.1661	0.0000	2,255.9696
Maximum	**15.5604**	**67.4206**	**60.3936**	**0.1123**	**1.0897**	**4.0576**	**5.1472**	**0.2959**	**3.9790**	**4.2749**	**0.0000**	**10,817.0270**	**10,817.0270**	**1.2413**	**0.0000**	**10,848.0606**

Park Palazzo - South Coast AQMD Air District, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**29.44**	**0.00**	**8.62**	**20.76**	**0.00**	**1.73**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.3752	2.6000e-004	0.0284	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
Energy	0.0173	0.1572	0.1320	9.4000e-004		0.0120	0.0120		0.0120	0.0120		188.6303	188.6303	3.6200e-003	3.4600e-003	189.7512
Mobile	1.4916	7.8879	18.7030	0.0634	5.1724	0.0659	5.2383	1.3840	0.0619	1.4459		6,444.2132	6,444.2132	0.3430		6,452.7891
Total	**2.8841**	**8.0454**	**18.8635**	**0.0643**	**5.1724**	**0.0780**	**5.2504**	**1.3840**	**0.0739**	**1.4580**		**6,632.9041**	**6,632.9041**	**0.3468**	**3.4600e-003**	**6,642.6049**

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	1.3752	2.6000e-004	0.0284	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
Energy	0.0173	0.1572	0.1320	9.4000e-004		0.0120	0.0120		0.0120	0.0120		188.6303	188.6303	3.6200e-003	3.4600e-003	189.7512
Mobile	1.4916	7.8879	18.7030	0.0634	5.1724	0.0659	5.2383	1.3840	0.0619	1.4459		6,444.2132	6,444.2132	0.3430		6,452.7891
Total	**2.8841**	**8.0454**	**18.8635**	**0.0643**	**5.1724**	**0.0780**	**5.2504**	**1.3840**	**0.0739**	**1.4580**		**6,632.9041**	**6,632.9041**	**0.3468**	**3.4600e-003**	**6,642.6049**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	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	8/1/2018	9/30/2018	5	43	
2	Site Preparation	Site Preparation	9/1/2018	11/30/2018	5	65	
3	Grading/Excavation	Grading	11/1/2018	12/31/2018	5	43	
4	Drainage/Utilities/Trenching	Trenching	1/1/2019	2/28/2019	5	43	
5	Foundations/Concrete Pour	Building Construction	2/1/2019	5/31/2019	5	86	
6	Building Construction	Building Construction	5/1/2019	10/31/2019	5	132	
7	Paving	Paving	10/1/2019	11/30/2018	5	0	
8	Architectural Coating	Architectural Coating	11/1/2019	12/31/2019	5	43	
9	Finishes	Building Construction	12/1/2019	1/31/2020	5	45	

Acres of Grading (Site Preparation Phase): 2

Acres of Grading (Grading Phase): 0

Acres of Paving: 1.75

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 89,649; Non-Residential Outdoor: 29,883; Striped Parking Area: 5,208 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	11.00	81	0.73

Demolition	Rubber Tired Dozers	1	11.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	3	11.00	97	0.37
Site Preparation	Air Compressors	2	11.00	78	0.48
Site Preparation	Cement and Mortar Mixers	1	11.00	9	0.56
Site Preparation	Concrete/Industrial Saws	1	11.00	81	0.73
Site Preparation	Graders	0	0.00	187	0.41
Site Preparation	Other Construction Equipment	1	11.00	15	0.55
Site Preparation	Plate Compactors	1	11.00	8	0.43
Site Preparation	Scrapers	0	0.00	367	0.48
Site Preparation	Signal Boards	1	11.00	6	0.82
Site Preparation	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Grading/Excavation	Air Compressors	2	11.00	78	0.48
Grading/Excavation	Graders	0	0.00	187	0.41
Grading/Excavation	Other Construction Equipment	1	11.00	15	0.55
Grading/Excavation	Plate Compactors	1	11.00	8	0.43
Grading/Excavation	Rubber Tired Dozers	0	0.00	247	0.40
Grading/Excavation	Signal Boards	1	11.00	6	0.82
Grading/Excavation	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Drainage/Utilities/Trenching	Cranes	1	11.00	231	0.29
Drainage/Utilities/Trenching	Plate Compactors	1	11.00	8	0.43
Drainage/Utilities/Trenching	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Foundations/Concrete Pour	Air Compressors	3	11.00	78	0.48
Foundations/Concrete Pour	Cement and Mortar Mixers	1	11.00	9	0.56
Foundations/Concrete Pour	Concrete/Industrial Saws	1	11.00	81	0.73
Foundations/Concrete Pour	Cranes	0	0.00	231	0.29
Foundations/Concrete Pour	Forklifts	1	11.00	89	0.20
Foundations/Concrete Pour	Generator Sets	0	0.00	84	0.74

Foundations/Concrete Pour	Other Construction Equipment	1	11.00	15	0.55
Foundations/Concrete Pour	Plate Compactors	1	11.00	8	0.43
Foundations/Concrete Pour	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Foundations/Concrete Pour	Welders	0	0.00	46	0.45
Building Construction	Air Compressors	7	11.00	78	0.48
Building Construction	Cement and Mortar Mixers	1	11.00	9	0.56
Building Construction	Concrete/Industrial Saws	1	11.00	81	0.73
Building Construction	Cranes	1	11.00	231	0.29
Building Construction	Forklifts	1	11.00	89	0.20
Building Construction	Generator Sets	0	0.00	84	0.74
Building Construction	Plate Compactors	1	11.00	8	0.43
Building Construction	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Building Construction	Welders	0	0.00	46	0.45
Paving	Pavers	0	0.00	130	0.42
Paving	Paving Equipment	1	11.00	132	0.36
Paving	Plate Compactors	1	11.00	8	0.43
Paving	Pumps	1	11.00	84	0.74
Paving	Rollers	0	0.00	80	0.38
Paving	Surfacing Equipment	1	11.00	263	0.30
Paving	Tractors/Loaders/Backhoes	1	11.00	97	0.37
Architectural Coating	Air Compressors	1	11.00	78	0.48
Finishes	Air Compressors	3	11.00	78	0.48
Finishes	Cranes	0	0.00	231	0.29
Finishes	Forklifts	0	0.00	89	0.20
Finishes	Generator Sets	0	0.00	84	0.74
Finishes	Tractors/Loaders/Backhoes	0	0.00	97	0.37
Finishes	Welders	0	0.00	46	0.45

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	10.00	0.00	300.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	10.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading/Excavation	6	8.00	0.00	691.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Drainage/Utilities/Trenching	3	16.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Foundations/Concrete Pour	9	30.00	24.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	12	40.00	24.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	6.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	6.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Finishes	3	6.00	24.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5119	0.0000	1.5119	0.2289	0.0000	0.2289			0.0000			0.0000
Off-Road	3.4152	33.5006	20.7773	0.0332		1.9751	1.9751		1.8465	1.8465		3,287.8531	3,287.8531	0.8330		3,308.6769
Total	**3.4152**	**33.5006**	**20.7773**	**0.0332**	**1.5119**	**1.9751**	**3.4870**	**0.2289**	**1.8465**	**2.0754**		**3,287.8531**	**3,287.8531**	**0.8330**		**3,308.6769**

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	0.0623	2.1781	0.4314	5.4400e-003	0.1219	8.4200e-003	0.1303	0.0334	8.0600e-003	0.0415		587.0353	587.0353	0.0428		588.1046
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0586	0.0423	0.4541	1.1500e-003	0.1118	8.9000e-004	0.1127	0.0296	8.2000e-004	0.0305		114.0679	114.0679	3.8900e-003		114.1652
Total	**0.1209**	**2.2205**	**0.8855**	**6.5900e-003**	**0.2337**	**9.3100e-003**	**0.2430**	**0.0631**	**8.8800e-003**	**0.0719**		**701.1032**	**701.1032**	**0.0467**		**702.2698**

3.2 Demolition - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5896	0.0000	0.5896	0.0893	0.0000	0.0893			0.0000			0.0000
Off-Road	3.4152	33.5006	20.7773	0.0332		1.9751	1.9751		1.8465	1.8465	0.0000	3,287.8531	3,287.8531	0.8330		3,308.6769
Total	**3.4152**	**33.5006**	**20.7773**	**0.0332**	**0.5896**	**1.9751**	**2.5647**	**0.0893**	**1.8465**	**1.9357**	**0.0000**	**3,287.8531**	**3,287.8531**	**0.8330**		**3,308.6769**

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	0.0623	2.1781	0.4314	5.4400e-003	0.1219	8.4200e-003	0.1303	0.0334	8.0600e-003	0.0415		587.0353	587.0353	0.0428		588.1046
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0586	0.0423	0.4541	1.1500e-003	0.1118	8.9000e-004	0.1127	0.0296	8.2000e-004	0.0305		114.0679	114.0679	3.8900e-003		114.1652
Total	**0.1209**	**2.2205**	**0.8855**	**6.5900e-003**	**0.2337**	**9.3100e-003**	**0.2430**	**0.0631**	**8.8800e-003**	**0.0719**		**701.1032**	**701.1032**	**0.0467**		**702.2698**

3.3 Site Preparation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0326	0.0000	0.0326	3.5200e-003	0.0000	3.5200e-003			0.0000			0.0000
Off-Road	2.2577	15.1382	14.1554	0.0232		1.0616	1.0616		1.0544	1.0544		2,141.3931	2,141.3931	0.2145		2,146.7560
Total	**2.2577**	**15.1382**	**14.1554**	**0.0232**	**0.0326**	**1.0616**	**1.0942**	**3.5200e-003**	**1.0544**	**1.0579**		**2,141.3931**	**2,141.3931**	**0.2145**		**2,146.7560**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0586	0.0423	0.4541	1.1500e-003	0.1118	8.9000e-004	0.1127	0.0296	8.2000e-004	0.0305		114.0679	114.0679	3.8900e-003		114.1652
Total	**0.0586**	**0.0423**	**0.4541**	**1.1500e-003**	**0.1118**	**8.9000e-004**	**0.1127**	**0.0296**	**8.2000e-004**	**0.0305**		**114.0679**	**114.0679**	**3.8900e-003**		**114.1652**

3.3 Site Preparation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0127	0.0000	0.0127	1.3700e-003	0.0000	1.3700e-003			0.0000			0.0000
Off-Road	2.2577	15.1382	14.1554	0.0232		1.0616	1.0616		1.0544	1.0544	0.0000	2,141.3931	2,141.3931	0.2145		2,146.7560
Total	**2.2577**	**15.1382**	**14.1554**	**0.0232**	**0.0127**	**1.0616**	**1.0743**	**1.3700e-003**	**1.0544**	**1.0557**	**0.0000**	**2,141.3931**	**2,141.3931**	**0.2145**		**2,146.7560**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0586	0.0423	0.4541	1.1500e-003	0.1118	8.9000e-004	0.1127	0.0296	8.2000e-004	0.0305		114.0679	114.0679	3.8900e-003		114.1652
Total	**0.0586**	**0.0423**	**0.4541**	**1.1500e-003**	**0.1118**	**8.9000e-004**	**0.1127**	**0.0296**	**8.2000e-004**	**0.0305**		**114.0679**	**114.0679**	**3.8900e-003**		**114.1652**

3.4 Grading/Excavation - 2018

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0195	0.0000	0.0195	2.7300e-003	0.0000	2.7300e-003			0.0000			0.0000
Off-Road	1.8287	12.8647	11.8237	0.0179		0.9307	0.9307		0.9030	0.9030		1,687.0862	1,687.0862	0.2781		1,694.0386
Total	**1.8287**	**12.8647**	**11.8237**	**0.0179**	**0.0195**	**0.9307**	**0.9502**	**2.7300e-003**	**0.9030**	**0.9058**		**1,687.0862**	**1,687.0862**	**0.2781**		**1,694.0386**

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	0.1435	5.0170	0.9937	0.0125	0.2808	0.0194	0.3002	0.0770	0.0186	0.0955		1,352.1380	1,352.1380	0.0985		1,354.6009
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0469	0.0339	0.3633	9.2000e-004	0.0894	7.1000e-004	0.0901	0.0237	6.6000e-004	0.0244		91.2543	91.2543	3.1100e-003		91.3322
Total	**0.1903**	**5.0508**	**1.3569**	**0.0135**	**0.3702**	**0.0201**	**0.3903**	**0.1007**	**0.0192**	**0.1199**		**1,443.3924**	**1,443.3924**	**0.1016**		**1,445.9331**

3.4 Grading/Excavation - 2018

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.5900e-003	0.0000	7.5900e-003	1.0700e-003	0.0000	1.0700e-003			0.0000			0.0000
Off-Road	1.8287	12.8647	11.8237	0.0179		0.9307	0.9307		0.9030	0.9030	0.0000	1,687.0862	1,687.0862	0.2781		1,694.0386
Total	**1.8287**	**12.8647**	**11.8237**	**0.0179**	**7.5900e-003**	**0.9307**	**0.9383**	**1.0700e-003**	**0.9030**	**0.9041**	**0.0000**	**1,687.0862**	**1,687.0862**	**0.2781**		**1,694.0386**

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	0.1435	5.0170	0.9937	0.0125	0.2808	0.0194	0.3002	0.0770	0.0186	0.0955		1,352.1380	1,352.1380	0.0985		1,354.6009
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0469	0.0339	0.3633	9.2000e-004	0.0894	7.1000e-004	0.0901	0.0237	6.6000e-004	0.0244		91.2543	91.2543	3.1100e-003		91.3322
Total	**0.1903**	**5.0508**	**1.3569**	**0.0135**	**0.3702**	**0.0201**	**0.3903**	**0.1007**	**0.0192**	**0.1199**		**1,443.3924**	**1,443.3924**	**0.1016**		**1,445.9331**

3.5 Drainage/Utilities/Trenching - 2019

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	1.0683	11.8190	6.6085	0.0129		0.5781	0.5781		0.5329	0.5329		1,255.6938	1,255.6938	0.3872		1,265.3740
Total	**1.0683**	**11.8190**	**6.6085**	**0.0129**		**0.5781**	**0.5781**		**0.5329**	**0.5329**		**1,255.6938**	**1,255.6938**	**0.3872**		**1,265.3740**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0853	0.0597	0.6486	1.7700e-003	0.1788	1.3900e-003	0.1802	0.0474	1.2800e-003	0.0487		176.7449	176.7449	5.5200e-003		176.8830
Total	**0.0853**	**0.0597**	**0.6486**	**1.7700e-003**	**0.1788**	**1.3900e-003**	**0.1802**	**0.0474**	**1.2800e-003**	**0.0487**		**176.7449**	**176.7449**	**5.5200e-003**		**176.8830**

3.5 Drainage/Utilities/Trenching - 2019

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	1.0683	11.8190	6.6085	0.0129		0.5781	0.5781		0.5329	0.5329	0.0000	1,255.6938	1,255.6938	0.3872		1,265.3740
Total	**1.0683**	**11.8190**	**6.6085**	**0.0129**		**0.5781**	**0.5781**		**0.5329**	**0.5329**	**0.0000**	**1,255.6938**	**1,255.6938**	**0.3872**		**1,265.3740**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0853	0.0597	0.6486	1.7700e-003	0.1788	1.3900e-003	0.1802	0.0474	1.2800e-003	0.0487		176.7449	176.7449	5.5200e-003		176.8830
Total	**0.0853**	**0.0597**	**0.6486**	**1.7700e-003**	**0.1788**	**1.3900e-003**	**0.1802**	**0.0474**	**1.2800e-003**	**0.0487**		**176.7449**	**176.7449**	**5.5200e-003**		**176.8830**

3.6 Foundations/Concrete Pour - 2019

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	3.0071	22.0995	21.8480	0.0341		1.5111	1.5111		1.4748	1.4748		3,218.6688	3,218.6688	0.4340		3,229.5194
Total	**3.0071**	**22.0995**	**21.8480**	**0.0341**		**1.5111**	**1.5111**		**1.4748**	**1.4748**		**3,218.6688**	**3,218.6688**	**0.4340**		**3,229.5194**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0967	2.7481	0.7393	6.0400e-003	0.1536	0.0185	0.1721	0.0442	0.0177	0.0619		643.9591	643.9591	0.0471		645.1374
Worker	0.1600	0.1120	1.2162	3.3300e-003	0.3353	2.6100e-003	0.3379	0.0889	2.4000e-003	0.0913		331.3967	331.3967	0.0104		331.6556
Total	**0.2566**	**2.8601**	**1.9555**	**9.3700e-003**	**0.4889**	**0.0211**	**0.5100**	**0.1332**	**0.0201**	**0.1532**		**975.3558**	**975.3558**	**0.0575**		**976.7930**

3.6 Foundations/Concrete Pour - 2019

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	3.0071	22.0995	21.8480	0.0341		1.5111	1.5111		1.4748	1.4748	0.0000	3,218.6688	3,218.6688	0.4340		3,229.5194
Total	**3.0071**	**22.0995**	**21.8480**	**0.0341**		**1.5111**	**1.5111**		**1.4748**	**1.4748**	**0.0000**	**3,218.6688**	**3,218.6688**	**0.4340**		**3,229.5194**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0967	2.7481	0.7393	6.0400e-003	0.1536	0.0185	0.1721	0.0442	0.0177	0.0619		643.9591	643.9591	0.0471		645.1374
Worker	0.1600	0.1120	1.2162	3.3300e-003	0.3353	2.6100e-003	0.3379	0.0889	2.4000e-003	0.0913		331.3967	331.3967	0.0104		331.6556
Total	**0.2566**	**2.8601**	**1.9555**	**9.3700e-003**	**0.4889**	**0.0211**	**0.5100**	**0.1332**	**0.0201**	**0.1532**		**975.3558**	**975.3558**	**0.0575**		**976.7930**

3.7 Building Construction - 2019

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	5.1035	39.5637	34.2292	0.0584		2.5034	2.5034		2.4633	2.4633		5,537.1811	5,537.1811	0.6889		5,554.4034
Total	**5.1035**	**39.5637**	**34.2292**	**0.0584**		**2.5034**	**2.5034**		**2.4633**	**2.4633**		**5,537.1811**	**5,537.1811**	**0.6889**		**5,554.4034**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0967	2.7481	0.7393	6.0400e-003	0.1536	0.0185	0.1721	0.0442	0.0177	0.0619		643.9591	643.9591	0.0471		645.1374
Worker	0.2133	0.1493	1.6215	4.4400e-003	0.4471	3.4800e-003	0.4506	0.1186	3.2100e-003	0.1218		441.8623	441.8623	0.0138		442.2074
Total	**0.3100**	**2.8974**	**2.3609**	**0.0105**	**0.6007**	**0.0220**	**0.6227**	**0.1628**	**0.0209**	**0.1837**		**1,085.8214**	**1,085.8214**	**0.0609**		**1,087.3448**

3.7 Building Construction - 2019

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	5.1035	39.5637	34.2292	0.0584		2.5034	2.5034		2.4633	2.4633	0.0000	5,537.1811	5,537.1811	0.6889		5,554.4034
Total	**5.1035**	**39.5637**	**34.2292**	**0.0584**		**2.5034**	**2.5034**		**2.4633**	**2.4633**	**0.0000**	**5,537.1811**	**5,537.1811**	**0.6889**		**5,554.4034**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0967	2.7481	0.7393	6.0400e-003	0.1536	0.0185	0.1721	0.0442	0.0177	0.0619		643.9591	643.9591	0.0471		645.1374
Worker	0.2133	0.1493	1.6215	4.4400e-003	0.4471	3.4800e-003	0.4506	0.1186	3.2100e-003	0.1218		441.8623	441.8623	0.0138		442.2074
Total	**0.3100**	**2.8974**	**2.3609**	**0.0105**	**0.6007**	**0.0220**	**0.6227**	**0.1628**	**0.0209**	**0.1837**		**1,085.8214**	**1,085.8214**	**0.0609**		**1,087.3448**

3.9 Architectural Coating - 2019

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	13.4458					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4885	3.3649	3.3758	5.4500e-003		0.2361	0.2361		0.2361	0.2361		515.9881	515.9881	0.0436		517.0776
Total	**13.9343**	**3.3649**	**3.3758**	**5.4500e-003**		**0.2361**	**0.2361**		**0.2361**	**0.2361**		**515.9881**	**515.9881**	**0.0436**		**517.0776**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0320	0.0224	0.2432	6.7000e-004	0.1254	5.2000e-004	0.1259	0.0321	4.8000e-004	0.0326		66.2793	66.2793	2.0700e-003		66.3311
Total	**0.0320**	**0.0224**	**0.2432**	**6.7000e-004**	**0.1254**	**5.2000e-004**	**0.1259**	**0.0321**	**4.8000e-004**	**0.0326**		**66.2793**	**66.2793**	**2.0700e-003**		**66.3311**

3.9 Architectural Coating - 2019

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	13.4458					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.4885	3.3649	3.3758	5.4500e-003		0.2361	0.2361		0.2361	0.2361	0.0000	515.9881	515.9881	0.0436		517.0776
Total	**13.9343**	**3.3649**	**3.3758**	**5.4500e-003**		**0.2361**	**0.2361**		**0.2361**	**0.2361**	**0.0000**	**515.9881**	**515.9881**	**0.0436**		**517.0776**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0320	0.0224	0.2432	6.7000e-004	0.1254	5.2000e-004	0.1259	0.0321	4.8000e-004	0.0326		66.2793	66.2793	2.0700e-003		66.3311
Total	**0.0320**	**0.0224**	**0.2432**	**6.7000e-004**	**0.1254**	**5.2000e-004**	**0.1259**	**0.0321**	**4.8000e-004**	**0.0326**		**66.2793**	**66.2793**	**2.0700e-003**		**66.3311**

3.10 Finishes - 2019

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	1.4654	10.0946	10.1273	0.0163		0.7082	0.7082		0.7082	0.7082		1,547.9643	1,547.9643	0.1308		1,551.2329
Total	**1.4654**	**10.0946**	**10.1273**	**0.0163**		**0.7082**	**0.7082**		**0.7082**	**0.7082**		**1,547.9643**	**1,547.9643**	**0.1308**		**1,551.2329**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0967	2.7481	0.7393	6.0400e-003	0.1536	0.0185	0.1721	0.0442	0.0177	0.0619		643.9591	643.9591	0.0471		645.1374
Worker	0.0320	0.0224	0.2432	6.7000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		66.2793	66.2793	2.0700e-003		66.3311
Total	**0.1287**	**2.7705**	**0.9826**	**6.7100e-003**	**0.2207**	**0.0190**	**0.2397**	**0.0620**	**0.0182**	**0.0802**		**710.2384**	**710.2384**	**0.0492**		**711.4685**

3.10 Finishes - 2019

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	1.4654	10.0946	10.1273	0.0163		0.7082	0.7082		0.7082	0.7082	0.0000	1,547.9643	1,547.9643	0.1308		1,551.2329
Total	**1.4654**	**10.0946**	**10.1273**	**0.0163**		**0.7082**	**0.7082**		**0.7082**	**0.7082**	**0.0000**	**1,547.9643**	**1,547.9643**	**0.1308**		**1,551.2329**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0967	2.7481	0.7393	6.0400e-003	0.1536	0.0185	0.1721	0.0442	0.0177	0.0619		643.9591	643.9591	0.0471		645.1374
Worker	0.0320	0.0224	0.2432	6.7000e-004	0.0671	5.2000e-004	0.0676	0.0178	4.8000e-004	0.0183		66.2793	66.2793	2.0700e-003		66.3311
Total	**0.1287**	**2.7705**	**0.9826**	**6.7100e-003**	**0.2207**	**0.0190**	**0.2397**	**0.0620**	**0.0182**	**0.0802**		**710.2384**	**710.2384**	**0.0492**		**711.4685**

3.10 Finishes - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.3320	9.2611	10.0728	0.0163		0.6101	0.6101		0.6101	0.6101		1,547.9643	1,547.9643	0.1199		1,550.9605
Total	**1.3320**	**9.2611**	**10.0728**	**0.0163**		**0.6101**	**0.6101**		**0.6101**	**0.6101**		**1,547.9643**	**1,547.9643**	**0.1199**		**1,550.9605**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0826	2.5158	0.6686	6.0000e-003	0.1536	0.0127	0.1663	0.0442	0.0121	0.0563		639.6307	639.6307	0.0444		640.7411
Worker	0.0296	0.0200	0.2209	6.4000e-004	0.0671	5.1000e-004	0.0676	0.0178	4.7000e-004	0.0183		64.2219	64.2219	1.8400e-003		64.2679
Total	**0.1122**	**2.5358**	**0.8895**	**6.6400e-003**	**0.2207**	**0.0132**	**0.2338**	**0.0620**	**0.0126**	**0.0746**		**703.8526**	**703.8526**	**0.0463**		**705.0090**

3.10 Finishes - 2020

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	1.3320	9.2611	10.0728	0.0163		0.6101	0.6101		0.6101	0.6101	0.0000	1,547.9643	1,547.9643	0.1199		1,550.9605
Total	**1.3320**	**9.2611**	**10.0728**	**0.0163**		**0.6101**	**0.6101**		**0.6101**	**0.6101**	**0.0000**	**1,547.9643**	**1,547.9643**	**0.1199**		**1,550.9605**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0826	2.5158	0.6686	6.0000e-003	0.1536	0.0127	0.1663	0.0442	0.0121	0.0563		639.6307	639.6307	0.0444		640.7411
Worker	0.0296	0.0200	0.2209	6.4000e-004	0.0671	5.1000e-004	0.0676	0.0178	4.7000e-004	0.0183		64.2219	64.2219	1.8400e-003		64.2679
Total	**0.1122**	**2.5358**	**0.8895**	**6.6400e-003**	**0.2207**	**0.0132**	**0.2338**	**0.0620**	**0.0126**	**0.0746**		**703.8526**	**703.8526**	**0.0463**		**705.0090**

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	1.4916	7.8879	18.7030	0.0634	5.1724	0.0659	5.2383	1.3840	0.0619	1.4459		6,444.2132	6,444.2132	0.3430		6,452.7891
Unmitigated	1.4916	7.8879	18.7030	0.0634	5.1724	0.0659	5.2383	1.3840	0.0619	1.4459		6,444.2132	6,444.2132	0.3430		6,452.7891

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	548.18	124.40	53.10	1,343,071	1,343,071
Medical Office Building	220.00	71.68	12.40	438,762	438,762
Parking Lot	0.00	0.00	0.00		
Strip Mall	48.00	50.45	24.52	85,607	85,607
Total	816.18	246.53	90.01	1,867,440	1,867,440

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
Medical Office Building	16.60	8.40	6.90	29.60	51.40	19.00	60	30	10
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Enclosed Parking with Elevator	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
General Office Building	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Medical Office Building	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Parking Lot	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956
Strip Mall	0.547828	0.043645	0.199892	0.122290	0.016774	0.005862	0.020637	0.032653	0.002037	0.001944	0.004777	0.000705	0.000956

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0173	0.1572	0.1320	9.4000e-004		0.0120	0.0120		0.0120	0.0120		188.6303	188.6303	3.6200e-003	3.4600e-003	189.7512
NaturalGas Unmitigated	0.0173	0.1572	0.1320	9.4000e-004		0.0120	0.0120		0.0120	0.0120		188.6303	188.6303	3.6200e-003	3.4600e-003	189.7512

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	1379.83	0.0149	0.1353	0.1136	8.1000e-004		0.0103	0.0103		0.0103	0.0103		162.3328	162.3328	3.1100e-003	2.9800e-003	163.2974
Medical Office Building	218.301	2.3500e-003	0.0214	0.0180	1.3000e-004		1.6300e-003	1.6300e-003		1.6300e-003	1.6300e-003		25.6825	25.6825	4.9000e-004	4.7000e-004	25.8351
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	5.2274	6.0000e-005	5.1000e-004	4.3000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.6150	0.6150	1.0000e-005	1.0000e-005	0.6186
Total		**0.0173**	**0.1572**	**0.1320**	**9.4000e-004**		**0.0120**	**0.0120**		**0.0120**	**0.0120**		**188.6303**	**188.6303**	**3.6100e-003**	**3.4600e-003**	**189.7512**

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	1.37983	0.0149	0.1353	0.1136	8.1000e-004		0.0103	0.0103		0.0103	0.0103		162.3328	162.3328	3.1100e-003	2.9800e-003	163.2974
Medical Office Building	0.218301	2.3500e-003	0.0214	0.0180	1.3000e-004		1.6300e-003	1.6300e-003		1.6300e-003	1.6300e-003		25.6825	25.6825	4.9000e-004	4.7000e-004	25.8351
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.0052274	6.0000e-005	5.1000e-004	4.3000e-004	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005		0.6150	0.6150	1.0000e-005	1.0000e-005	0.6186
Total		**0.0173**	**0.1572**	**0.1320**	**9.4000e-004**		**0.0120**	**0.0120**		**0.0120**	**0.0120**		**188.6303**	**188.6303**	**3.6100e-003**	**3.4600e-003**	**189.7512**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.3752	2.6000e-004	0.0284	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
Unmitigated	1.3752	2.6000e-004	0.0284	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646

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	0.1584					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2141					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6800e-003	2.6000e-004	0.0284	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
Total	**1.3752**	**2.6000e-004**	**0.0284**	**0.0000**		**1.0000e-004**	**1.0000e-004**		**1.0000e-004**	**1.0000e-004**		**0.0606**	**0.0606**	**1.6000e-004**		**0.0646**

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	0.1584					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	1.2141					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	2.6800e-003	2.6000e-004	0.0284	0.0000		1.0000e-004	1.0000e-004		1.0000e-004	1.0000e-004		0.0606	0.0606	1.6000e-004		0.0646
Total	**1.3752**	**2.6000e-004**	**0.0284**	**0.0000**		**1.0000e-004**	**1.0000e-004**		**1.0000e-004**	**1.0000e-004**		**0.0606**	**0.0606**	**1.6000e-004**		**0.0646**

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Appendix B

Phase I - Cultural Resources Study

ESA

626 Wilshire Boulevard
Suite 1100
Los Angeles, CA 90017
213.599.4300 phone
213.599.4301 fax

www.esassoc.com

November 16, 2017

Abraham Tellez
City of Baldwin Park Planning Department
14403 Pacific Avenue
Baldwin Park, CA 91706

Subject: Park Palazzo Office Building Project, City of Baldwin Park, California - Phase I Cultural Resources Study

Dear Mr. Tellez:

Introduction

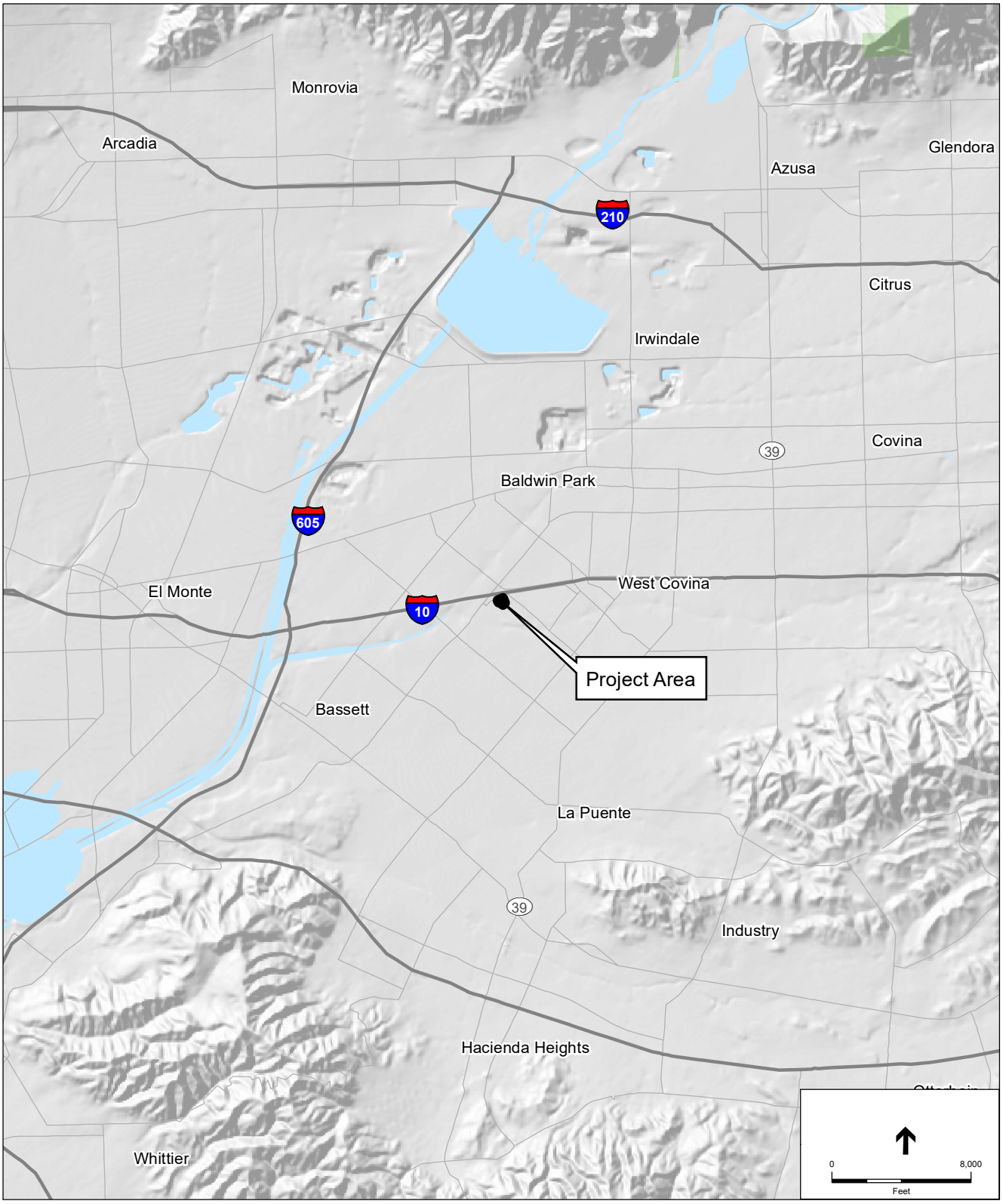
Environmental Science Associates (ESA) has been retained by the City of Baldwin Park (City) to prepare an Initial Study/Mitigated Negative Declaration (IS/MND) for the Park Palazzo project (project), pursuant to the requirements of the California Environmental Quality Act (CEQA). The City is the lead agency under CEQA. This letter report provides the results of the Phase I Cultural Resources and Paleontological Resources Study completed for the proposed project. This study included archival research, outreach to the Native American Heritage Commission (NAHC), and field survey.

Project Location

The project encompasses an approximately 2-acre parcel located at 14614-14622 Dalewood Street in the southern portion of the City of Baldwin Park (**Figures 1** and **2**). Specifically, the project is located on the Baldwin Park, CA USGS 7.5-minute topographic quadrangle in an unsectioned portion of Township 1 South, Range 10 West (**Figure 3**). The project site is roughly bounded by Dalewood Street to the north, Garden View Lane to the west, South Ardilla Avenue to the south, and West Merced Avenue to the east. A residential neighborhood in the City of West Covina is located directly south of the project (see Figure 1).

Project Description

The proposed project is located at 14614-14622 Dalewood Street in the southern portion of the City. The proposed project would develop a six-story structure that would house 59,766 square feet (sf) of commercial uses, including office, medical-office, and retail uses, on an approximately 88,235 sf lot. In addition, the proposed project would provide a total of 217 parking spaces, including one level of subterranean parking with 22 parking stalls and a surface parking lot with 195 parking stalls. The 2-acre project site is comprised of three legal parcels (APNs 8463-001-012, 8463-001-013, and 8463-001-007) and is currently vacant, with the exception of two existing foundation pads.



SOURCE: ESRI

Park Palazzo Office Building Project, City of Baldwin Park . D170081.00

Figure 1

Regional Location

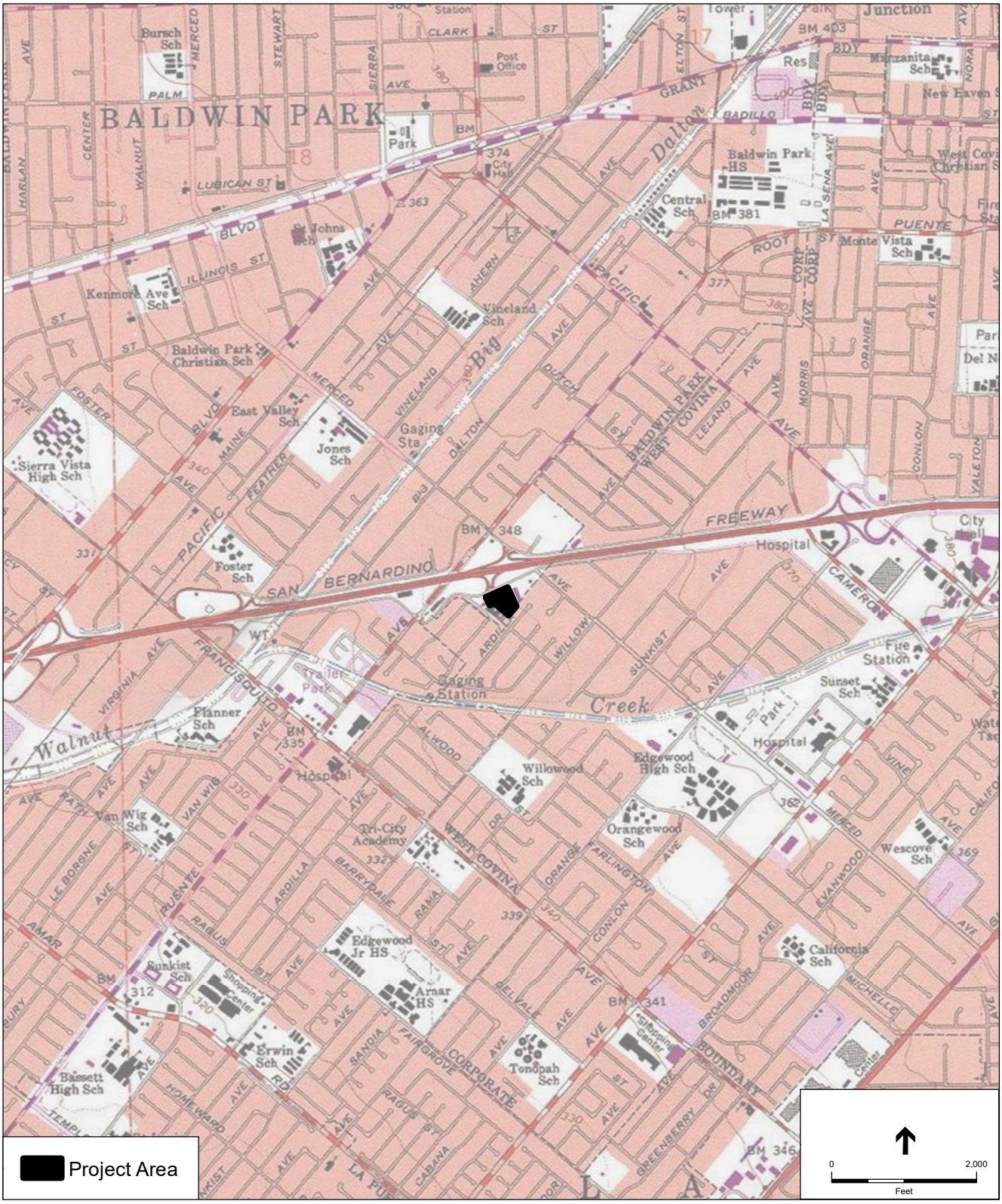


Park Palazzo Office Building Project, City of Baldwin Park . D170081.00

TOPOQUAD: Baldwin Park 7.5-minute

Figure 2

Project Detail



TOPOQUAD: Baldwin Park 7.5-minute

Park Palazzo Office Building Project, City of Baldwin Park . D170081.00

Figure 3
Project Location

Archival Research

Cultural Resources

SCCIC Records Search

A records search for the project was conducted by ESA on August 16, 2017 at the South Central Coastal Information Center (SCCIC). The records search included a review of all previously recorded cultural resources within a ½-mile radius of the project site, as well as a review of cultural resource reports on file. In addition, the California Register of Historical Resources (California Register), the National Register of Historic Places (National Register), and the California State Historic Resources Inventory (HRI) listings were reviewed. Available historic maps and aerial photographs were also consulted.

Previous Cultural Resources Investigations

The results of the SCCIC records search indicated that nine cultural resources studies have been previously conducted within ½-mile of the project site (**Table 1**), covering approximately 90 percent of the ½-mile archaeological search radius. Of these, one study (LA 10502), dated 2001, covered the entire project site.

Previously Recorded Cultural Resources

The results of the SCCIC records search indicated that a total of four cultural resources, all historic-period built resources, have been previously recorded within ½-mile of the project site (**Table 2**). All of these four previously recorded resources have been found to be ineligible for listing in the California Register of Historical Resources. Of these four resources, none are located within the project site; however, one resource (P-19-188935) is located approximately 250 feet northeast of the project site. Resource P-19-188935 was recorded in 2002 as a commercial building with a box shape and three garage bays (Ewing 2002). No previously recorded archaeological resources were identified within the ½-mile search radius.

TABLE 1
PREVIOUS CULTURAL RESOURCES INVESTIGATIONS CONDUCTED WITHIN 1/2- MILE OF THE PROJECT AREA

Author	SCCIC# (LA-)	Title	Date
Anonymous	LA-03824	Cultural Resources Report for the Baldwin Park Operable Unit Water Delivery Plan	1995
Bonner, Diane	LA-12567	Harley Davidson, 1919 Puente Avenue, Baldwin Park, CA	2013
Bonner, Wayne H.	LA-06112	Cultural Resources Assessment of Baldwin Park Site, Los Angeles County, California	2001
Harbert, Claudia	10190	Supplemental Historic Property Survey Report for the I-10 HOV Lane Between I-605 and the SR-57/SR-71/I-210 Interchange in the Cities of Los Angeles, Baldwin Park, West Covina, Covina, San Dimas, and Pomona in Los Angeles County, CA	2002
Wlodarski, Robert J.	03056	Negative Archaeological Survey Report Minor Widening for I-10 Malibu, California.	1994

Author	SCCIC# (LA-)	Title	Date
Wlodarski, Robert J. and Dan Larson	02872	Department of Transportation Negative Archaeological Survey Report Dpd-ep-25 (revised 2/83) Interstate 10 (i-10) Between Puente Avenue in the City of Baldwin Park on the West, and the Interchange Between I-10 and State Routes 57 (SR 71/interstate 210	1993
Wrobleski, David E. and Richard A. Krautkramer	04489	A Class III Archaeological Investigation for the La Puente Valley County Water District Treatability Study in Los Angeles County, California	1999
Wrobleski, David E. and Richard A. Krautkramer	10502*	A Class III Archaeological Investigation for Proposed Wells and Treated Water Pipelines Adjoining the Plant B-6 and B-5 Treatment Facility Project, Los Angeles County, California	2001
Zalarvis-Chase, Dimitra	12523	Verizon Wireless Dutch, 1919 Puente Avenue, Baldwin Park, CA	2012
*Indicates study overlapping project site			

TABLE 2
PREVIOUSLY RECORDED CULTURAL RESOURCES WITHIN 1/2-MILE OF THE PROJECT AREA

P-Number (P-19-)	Other Designation	Description	Date Recorded /Updated	Distance from Project Site
188935	14626 Merced Ave.	Historic-period built resource consisting of a commercial building with a box shape and three garage bays.	2002	250 feet NE
188936	Tract # 15527	Historic-period built resources consisting of a Traditional/Early Ranch style, single family residence tract containing 66 parcels of single story, single family dwellings.	2002	1,450 feet NE
188937	2231 W. Mossberg Ave.	Historic-period built resource consisting of a Vernacular single-story dwelling.	2002	1,300 feet ENE
190776	Harley-Davidson SV0088, Bekins Van and Storage Company	Historic-period built resource consisting of a modern style commercial warehouse building.	2013	1,000 feet E

Source: SCCIC, 2017

Historic Topographic Map and Aerial Photograph Review

Historic maps and aerial photographs were examined in order to provide historical information about the natural topography and natural resources of the project site, and past uses and historic development of the project site. Historic maps reviewed include the 1897 and 1902 Puente 15' topographic quadrangles and the 1927, 1946, 1955, 1967 and 1975 Puente 7.5' topographic quadrangles. Historic aerial photographs from 1948, 1955, 1964, 1965, 1972, 1980, 1994 and 2012 were also reviewed (Historicaerials.com).

Historic topographic maps and aerial photographs indicate that several minor water sources, such as washes and creeks, once ran near the project site. Walnut Creek, now channelized, runs in an east to west direction just south

of the project site, and the Big Dalton Wash, also channelized, runs in a southwest to northeast direction just north and west of the project site.

The historic maps and aerials indicate that the project site was developed with working agricultural fields and a ranch property beginning in at least the late 1940s (Historicaerials.com). Also during this time, the immediate vicinity of the project site was developed with working agricultural fields and orchards, ranch properties and small neighborhoods (Historicaerials.com). A boom in residential development essentially replaced all agricultural fields and orchards between the mid-1950s and 1960s (Historicaerials.com). Available aerial photographs show that sometime between 1952 and 1964, the project site was cleared of agricultural fields and a few buildings were built on the project property. Additional development within the project site began after 1965, as depicted in aerial photographs (Historicaerials.com, 2015). The project site was completely developed with parking lots and several buildings by 1972 (Historicaerials.com), though currently all buildings have been removed from the project site.

Native American Outreach

The Native American Heritage Commission (NAHC) was contacted on August 11, 2017 to request a search of the Sacred Land File (SLF) for the project site. In a letter dated August 23, 2017, the NAHC indicated that the SLF search failed to indicate the presence of known prehistoric or Native American resources within the project vicinity. The letter also included an attached list of Native American contacts with ties to the project vicinity and who might possess information pertaining to cultural resources in the area. The City is responsible for additional Native American outreach and consultation per CEQA, as recently modified by Assembly Bill (AB) 52.

Paleontological Resources

The project site was the subject of thorough paleontological background research and analysis. The research included a paleontological locality records search from the Natural History Museum of Los Angeles County (LACM), as well as geologic map and literature reviews.

Geological Map and Literature Review

Geological mapping by Dibblee and Ehrenspeck (1999) indicates that the surface of the project site is covered with Quaternary gravels. These sediments consist of gravel and sand deposited by major streams from erosion in the San Gabriel Mountains (Dibblee and Ehrenspeck, 1999). At the surface these sediments are relatively recent in age and, as such, are not old enough to contain fossil remains. However, these sediments increase in age with depth, such that while the surficial sediments are too young to preserve fossils, the underlying sediments date to the Late Holocene or Pleistocene and therefore may preserve fossil resources.

While the exact depth at which the transition to older sediments that may preserve fossil resources is not known, fossils have been discovered in the Los Angeles Basin as shallowly as 5-10 feet below ground surface (Jefferson,

1991a and 1991b; Miller, 1971; Scott, 2010; Scott and Cox, 2008). Alluvial sediments that date to the late Holocene or beyond have a rich fossil history in southern California. The most common fossils include the bones of mammoth, bison, horse, lion, cheetah, wolf, camel, antelope, peccary, mastodon, capybara, and giant ground sloth, as well as small animals such as rodents and lizards (Graham and Lundelius, 1994). In addition to illuminating the striking differences between Southern California in the Pleistocene and today, this abundant fossil record has been vital in studies of extinction (e.g. Sandom, et al., 2014; Scott, 2010), ecology (e.g. Connin et al., 1998), and climate change (e.g. Roy et al., 1996).

LACM Records Search

On August 11, 2017, ESA requested a database search from the LACM for records of fossil localities in the project site. The purpose of the museum records search was to: (1) determine whether any previously recorded fossil localities occur in the project site, (2) assess the potential for disturbance of these localities during construction, and (3) evaluate the paleontological sensitivity in the project site. The records search returned no known localities within the project site; however, a number of vertebrate fossils are known from eastern Los Angeles from sedimentary deposits similar to those present at depth in the project site (McLeod, 2017).

The closest LACM locality is northeast of the project site, east of Irwindale Boulevard and south of Arrow Highway, where a fossil mastodon (*Mammut americanum*) was recovered from a gravel pit around 115 feet below ground surface (McLeod, 2017). West-southwest of the project site, between Interstate 710 and Monterey Pass Road, fossil specimens of horse (*Equus*) were recovered from an unknown depth (McLeod, 2017). Also west-southwest of the project site, near the intersection of Atlantic Avenue and Interstate 710, multiple localities preserved the fossiliAugust 11, 2017zed remains of threespine stickleback (*Gasterosteus aculeatus*), salamander (*Batrachoseps*), lizard (*Lacertilia*), snake (*Colubridae*), rabbit (*Sylvilagus*), pocket mouse (*Microtus*), harvest mouse (*Reithrodontomys*), and pocket gopher (*Thomomy*s) at depths of 11 to 34 feet below grade (McLeod, 2017).

Paleontological Sensitivity Analysis

The review of scientific literature and the results of the records search of the LACM indicate that while the surficial sediments in the project site are too young to preserve fossil resources, deeper units have the potential to preserve significant fossil resources. Therefore, the project site is considered to have **low-to-high paleontological sensitivity** increasing with depth. While the exact depth at which this transition occurs is unknown, discoveries of other fossil resources in the area at depths as shallow as 11 feet (McLeod, 2017) indicates that ground disturbing activities that exceed 10 feet in depth risk encountering paleontological resources.

Survey

On October 5, 2017, ESA cultural resources specialists Sara Dietler and Vanessa Ortiz, MA, conducted a pedestrian cultural resources survey of the project site. The survey was aimed at identifying surface evidence of archaeological resources and above-ground features within the project site, and potential historical period resources both within the project site and in the immediate vicinity.

Results

The entire subject property was surveyed, although most of the property was covered in asphalt and approximately 10% of the natural ground sediments could be observed. While no prehistoric archaeological resources were identified, a number of historical period features were identified and documented on a California State Department of Parks and Recreation 523 site record form (not included with this letter report due to confidentiality). The features were recorded as archaeological site ESA-BP-001H, as described below. While several buildings greater than 45 years in age occur in the vicinity of the project site, many have been evaluated and recommended as not eligible for the California Register (see Records Search discussion above). Two additional buildings greater than 45 years in age were identified during the course of this study, but the City has determined that the resources will not be subject to indirect impacts. No buildings or structures occur on the project property.

ESA-BP-001H is composed of remnants of two buildings (one restaurant and one unknown building) surrounded by an asphalted parking lot. Elements present include concrete foundations for the buildings, an ADA ramp, and five lampposts. The buildings have since been demolished. However, historic aerial imagery indicates that the buildings were built more than 45 years ago, and therefore the remaining features require documentation and evaluation for listing in the California Register.

The restaurant elements include three different flooring tiles (two-toned polished cement at the entrance measuring 6x6 inches, terra cotta restaurant tiles, and blue and white bathroom tiles measuring 1 x 1 inches); cinder block foundations with exposed rock on the façade; and a post that reads “Motor Lodge / CHEF’S COFFEE / SHOP”. The unknown building was situated within a cinder block wall on the west side of the site. Miscellaneous concrete and bricks are present, but the remains of the building are removed or covered by modern concrete dumping (the concrete has a date of 2004). Because the two buildings that were once associated with these features no longer remain, the resource has lost all integrity and is not considered eligible for the CRHR according to any of the four criteria.

Conclusions and Recommendations

Cultural Resources

As a result of this study, one historical period archaeological resource (ESA-BP-001H) was identified in the project site. The resource, consisting of remaining elements from two buildings that once stood on the project site, is recommended ineligible for the California Register. No other resources were identified within the project parcel. While there is potential for subsurface archaeological resources that could be identified during ground-disturbing actives, the lack of recorded archaeological sites in the vicinity of the project (none were identified in the records search) indicates that the potential is low.

The following recommendations are provided in order to reduce potential impacts to historical resources and unique archaeological resources to a level of less than significant:

1. **Construction Worker Cultural Resources Sensitivity Training:** Prior to start of ground-disturbing activities, an archaeologist meeting the Secretary if the Interior's Professional Qualifications Standards for archaeology (a qualified archaeologist) will conduct cultural resources sensitivity training for all construction personnel. Construction personnel will be informed of the types of archaeological resources that may be encountered, and of the proper procedures to be enacted in the event of an inadvertent discovery of archaeological resources or human remains. The City will ensure that construction personnel are made available for and attend the training and retain documentation demonstrating attendance.

2. **Inadvertent Discovery of Archaeological Resources:** In the event of the unanticipated discovery of archaeological materials, the project contractor will immediately cease all work activities in the area (within approximately 50 feet) of the discovery until it can be evaluated by a qualified archaeologist. Construction will not resume until the qualified archaeologist has conferred with the City on the significance of the resource. If it is determined that the discovered archaeological resource constitutes a historical resource or unique archaeological resource under CEQA, avoidance and preservation in place is the preferred manner of mitigation. Preservation in place maintains the important relationship between artifacts and their archaeological context and also serves to avoid conflict with traditional and religious values of groups who may ascribe meaning to the resource. If preservation in place is determined to be infeasible and data recovery through excavation is the only feasible mitigation available, a Cultural Resources Treatment Plan will be prepared and implemented by the qualified archaeologist in consultation with the City. The Cultural Resources Treatment Plan will provide for the adequate recovery of the scientifically consequential information contained in the archaeological resource. The City will consult with appropriate Native American representatives in determining treatment for prehistoric or Native American resources to ensure cultural values ascribed to the resource, beyond that which is scientifically important, are considered.

3. **Inadvertent Discovery of Human Remains:** If potential human remains are encountered, the contractor shall halt work within 100 feet of the find and shall contact the Los Angeles County Coroner in accordance with Public Resources Code Section 5097.98 and Health and Safety Code Section 7050.5. If the Coroner determines the remains are Native American in origin, the Coroner shall contact the Native American Heritage Commission (NAHC). As provided in Public Resources Code Section 5097.98, the NAHC shall identify the person or persons believed to be most likely descended from the deceased Native American. The most likely descendent shall be afforded the opportunity to provide recommendations concerning the future disposition of the remains and any associated grave goods as provided in Public Resources Code Section 5097.98.

Paleontological Resources

As a result of this study, the surficial sediments of the project site, identified as Quaternary gravel, are too young to preserve fossils and, therefore, have low paleontological sensitivity. However, older alluvial sediments are present in the subsurface of the project site and have high paleontological sensitivity. Substantial excavation within the project site during construction for subterranean parking, deep excavation for excavation shoring, and ancillary uses or improvements (e.g., sewer, electrical, water) is planned at such depths as to impact these formations determined as having a high sensitivity for fossils as a result of the research presented in this study.

The following recommendations are made and would serve to reduce impacts to unique paleontological resources or unique geological feature to a less than significant level:

1. **Retention of Qualified Paleontologist:** A qualified paleontologist meeting the Society of Vertebrate Paleontology (SVP) standards (SVP, 2010) (Qualified Paleontologist) shall be retained prior to the approval of demolition or grading permits. The Qualified Paleontologist shall provide technical and compliance oversight of all work as it relates to paleontological resources, shall attend the project kick-off meeting and project progress meetings on a regular basis, and shall report to the site in the event potential paleontological resources are encountered.

2. **Construction Worker Paleontological Resources Sensitivity Training:** The Qualified Paleontologist shall conduct construction worker paleontological resources sensitivity training prior to the start of ground disturbing activities (including vegetation removal, pavement removal, etc.). In the event construction crews are phased, additional trainings shall be conducted for new construction personnel. The training session shall focus on the recognition of the types of paleontological resources that could be encountered within the project site and the procedures to be followed if they are found. Documentation shall be retained demonstrating that all construction personnel attended the training.

3. **Paleontological Monitoring:** Full-time paleontological resources monitoring shall be conducted for all ground disturbing activities occurring in previously undisturbed sediments of older alluvium, at depths of 10 feet or greater. The surficial gravel, as well as any artificial fill or previously disturbed sediments that may be present, have low paleontological sensitivity and so work in the upper 10 feet of the project site does not need to be monitored. The depth of 10 feet is derived from the records search of the LACM, which reports fossils recovered in older alluvium from depths of 11 feet in the vicinity of the project site (McLeod, 2017). The Qualified Paleontologist shall spot check the excavation on an intermittent basis and recommend whether the depth or frequency of required monitoring should be revised based on his/her observations. Paleontological resources monitoring shall be performed by a qualified paleontological monitor (meeting the standards of the SVP) under the direction of the Qualified Paleontologist. Monitors shall have the authority to temporarily halt or divert work away from exposed fossils in order to recover the fossil specimens. Any significant fossils collected during project-related excavations shall be prepared to the point of identification and curated into an accredited repository with retrievable storage. Monitors shall prepare daily logs detailing the types of activities and soils observed, and any discoveries. The Qualified Paleontologist shall prepare a final monitoring and mitigation report to document the results of the monitoring effort.

4. **Inadvertent Discovery of Paleontological Resources:** If construction or other project personnel discover any potential fossils during construction, regardless of the depth of work or location, work at the discovery location shall cease in a 50-foot radius of the discovery until the Qualified Paleontologist has assessed the discovery and made recommendations as to the appropriate treatment. If the find is deemed significant, it should be salvaged following the standards of the SVP (SVP, 2010) and curated with a certified repository.

If you have any questions about the information provided in this letter report, please do not hesitate to contact me. I can be reached by phone at (619) 719-4200 or email at mbever@esassoc.com.

Sincerely,



Michael Bever, PhD, RPA
Senior Cultural Resources Specialist

References Cited

Connin, S., J. Betancourt, and J. Quade. 1998. Late Pleistocene C4 plant dominance and summer rainfall in the Southwestern United States from isotopic study of herbivore teeth. Quaternary Research 50: 179-193.

Dibblee, T. W. and Ehrenspeck, E. E., 1999. Geologic map of the El Monte and Baldwin Park quadrangles, Los Angeles County, California. Dibblee Foundation Map DF-69. 1:24,000.

Graham, R.W., and E.L. Lundelius. 1994. FAUNMAP: A database documenting the late Quaternary distributions of mammal species in the United States. Illinois State Museum Scientific Papers XXV(1).

Jefferson, G.T. 1991a. A catalogue of Late Quaternary Vertebrates from California: Part One, nonmarine lower vertebrate and avian taxa. Natural History Museum of Los Angeles County Technical Reports No. 5.

---------. 1991b. A catalogue of Late Quaternary Vertebrates from California: Part Two, Mammals. Natural History Museum of Los Angeles County Technical Reports No. 7.

McLeod, S. 2017. Re: Paleontological Records Check for the proposed Baldwin Hills Dalewood Street Office Building Project, in the City of Baldwin Park, Los Angeles County, project site. Letter response to Fatima Clark. August 31, 2017.

Miller, W. E. 1971. Pleistocene Vertebrates of the Los Angeles Basin and Vicinity: exclusive of Rancho La Brea. Los Angeles County Museum of Natural History, No. 10.

Roy, K., J. Valentine, D. Jablonski, and S. Kidwell. 1996. Scales of climatic variability and time averaging in Pleistocene biotas: implications for ecology and evolution. Trends in Ecology and Evolution 11: 458-463.

Sandom, C., S. Faurby, B. Sandel, and J.-C. Svenning. 2014. Global late Quaternary megafauna extinctions linked to humans, not climate change. Proceedings of the Royal Society B 281, 9 pp.

Scott, E. 2010. Extinctions, scenarios, and assumptions: Changes in latest Pleistocene large herbivore abundance and distribution in western North America. Quaternary International 217: 225-239.

Scott, E. and S. Cox. 2008. Late Pleistocene distribution of Bison (Mammalia; Artiodactyla) in the Mojave Desert of Southern California and Nevada. In Wang, X. and L. Barnes, eds. Geology and Vertebrate Paleontology of Western and Southern North America. Natural History Museum of Los Angeles County, Science Series 41: 359-382.

SVP (Society of Vertebrate Paleontology). 1995. Assessment and mitigation of adverse impacts to nonrenewable paleontologic resources: standard guidelines. *Society of Vertebrate Paleontology News Bulletin* 163:22-27.

SVP (Society of Vertebrate Paleontology). 2010. *Standard procedures for the assessment and mitigation of adverse impacts to paleontological resources*, http://vertpaleo.org/Membership/Member-Ethics/SVP_Impact_Mitigation_Guidelines.aspx, accessed January 3, 2017.

Appendix C

Phase I – Environmental Site Assessment

ESA

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Subject Property Address

14622 Dalewood Street

Baldwin Park, CA 91706

ENCON Project Number

1402113ESAI

Report Date

3/19/2014

Prepared for

Ms. Chu Hyon Seong

Wilshire Bank

3200 Wilshire Blvd., Suite 800

Los Angeles, CA 90010

ENCON Solutions, Inc.

Environmental Consulting and Real Estate Due Diligence
3255 Wilshire Blvd. Suite 1508, Los Angeles, CA 90010
213.380.0555, 213.38ENCON, Fax 213-380-0505

ENCON Solutions, Inc.

Environmental Consulting and Real Estate Due Diligence

3255 Wilshire Blvd. Suite 1508, Los Angeles, CA 90010
213.380.0555, 213.38ENCON, Fax 213-380-0505

3/19/2014

Ms. Chu Hyon Seong

Wilshire Bank

3200 Wilshire Blvd., Suite 800

Los Angeles, CA 90010

Phone: 213-427-1012

Fax: 213-639-8126

Attached please find our PHASE I ENVIRONMENTAL SITE ASSESSMENT, ("the Report") for the above-mentioned Subject Property. This report has been prepared by ENCON for the Client under the professional supervision of the principal and/or senior staff whose seal(s) and signatures appear hereon. Neither ENCON, nor any staff member assigned to this investigation has any interest or contemplated interest, financial or otherwise, in the subject or surrounding properties, or in any entity which owns, leases, or occupies the subject or surrounding properties , and has no personal bias with respect to the parties involved.

The assessment was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession, and in accordance with generally accepted practices of other consultants currently practicing in the same locality under similar conditions. No other representation, expressed or implied, and no warranty or guarantee is included or intended. The Report speaks only as of its date, in the absence of a specific written update of the Report, signed and delivered by ENCON.

There are no intended or unintended third party beneficiaries to this Report, unless specifically named. ENCON is an independent contractor, not an employee of either the issuer or the borrower, and its compensation was not based on the findings or recommendations made in the Report or on the closing of any business transaction. Thank you for the opportunity to prepare this Report, and assist you with this project. Please call us if you have any questions or if we may be of further assistance.

By signing below, ENCON declares that, to the best of our professional knowledge and belief, the undersigned meet the definition of an Environmental Professional as defined in §312.10 of 40 CFR 312 and have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. ENCON has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Respectfully Submitted,

Staff Consultant:

Joshua Park

Environmental Consultant

Hyung Kim

Environmental Professional §312.10, 40CFR312



TABLE OF CONTENTS

EXECUTIVE SUMMARY 2

1.0 INTRODUCTION 3

2.0 PROPERTY DESCRIPTION 9

2.1 Project Information 9
2.2 Property Improvements 10
2.3 Property Occupants & Use 10
2.4 Municipal Services & Utilities 10
2.5 Physical Setting 11

3.0 PROPERTY RECONNAISSANCE 12

3.1 Limiting Conditions 12
3.2 Property Reconnaissance 12
3.3 Detailed Description of Site Reconnaissance and Environmental Conditions 14
3.4 Current Uses of Adjacent Properties 14
3.5 Non-Scope (Non-ASTM) Considerations 14

4.0 PROPERTY AND VICINITY HISTORY 18

4.1 Previous Environmental Reports 18
4.2 Sanborn Map Company Fire Insurance Maps 18
4.3 Historical Aerial Photographs 18
4.4 Local Street Directories / Historical City Directories 18
4.5 City/County Building Department, Zoning/Land Use, Property Tax Records, Profiles 19
4.6 Historical Topographic Maps 19
4.7 Oil & Gas Maps 20
4.8 Other Historical Records 20

5.0 STANDARD ENVIRONMENTAL RECORDS SEARCH 21

5.1 Procedure 21
5.2 Property Listing(s) 21
5.3 Surrounding Sites: Federal Agency Listings 23
5.4 Surrounding Sites: State Agency Listings 24

6.0 USER PROVIDED INFORMATION 26

6.1 User Provided Information 26
6.2 Preliminary Title Report or Land Title Records 28
6.3 Interviews 28

7.0 CONCLUSIONS 29

8.0 RECOMMENDATIONS AND OPINIONS 30

9.0 REFERENCES 31

APPENDIX A – PROPERTY LOCATION MAP & PLOT PLAN

APPENDIX B – PROPERTY & VICINITY PHOTOGRAPHS

APPENDIX C – DATABASE REPORT

APPENDIX D – HISTORICAL RECORDS SEARCH

APPENDIX E – PUBLIC AGENCY RECORDS / OTHER RELEVANT DOCUMENTS

APPENDIX F – QUALIFICATION OF ENVIRONMENTAL PROFESSIONAL

EXECUTIVE SUMMARY

ENCON Solutions, Inc. (hereinafter referred to as ENCON) performed a *Phase I Environmental Site Assessment* (hereinafter *ESA* or *Report*) of the subject property (hereinafter referred to as the Property) in conformance with the scope and limitations of ASTM Standard Practice E1527-13. Any exceptions to or deletions from this practice are described in the individual sections of this Report. A summary of findings is provided below:

REPORT COMPONENT	SUMMARY OF FINDINGS
Property Description	The Property is addressed 14622 Dalewood Street, Baldwin Park, CA, 91706. The Property located on the south side of Dalewood Street, approximately 0.10 miles west of West Merced Avenue in the City of Baldwin Park, California. It consists of a 1.6-acre irregular-shaped parcel improved with a 5,256-square-foot vacant building at the northeastern portion of the site. The remainder of the site is improved with an asphalt-paved parking area. Access to the subject property is achieved from the north via Dalewood Street.
Summary of Property Reconnaissance	The subject building (former restaurant) is currently vacant. ENCON was unable to inspect the interior of the subject building.
Historical Use of the Property and Vicinity	The subject property was vacant land until it was developed with the current building in 1965. Howard Johnsons Restaurant occupied the building since at least 1966 to 1985. The subject building has remained vacant since at least 2005.
Federal, State and Local Agency Records Search	The subject property is not listed on any of the researched Federal, State, or Local agency databases.
Potential Off-site Concerns	One NPL site was identified within a 1-mile radius of the subject property. Refer to Section 8.0.
Non-Scope Items	No concerns were identified for non-scope items. However, unless *Client* contracted ENCON to investigate specific non-scope items, these items were generally not included in the scope of services for this Phase I Environmental Site Assessment.
Inaccessible or Un-surveyed Portions of the Property	ENCON was unable to inspect the interior of the vacant building due to inaccessibility.
Data Gap	No significant data gaps were identified during the course of this Phase I Environmental Site Assessment.
Conclusion	REC identified: ☒ Yes ☐ No HREC identified ☐ Yes ☒ No CREC identified: ☐ Yes ☒ No Significant data gap identified: ☐ Yes ☒ No For detailed discussion of Recognized Environmental Conditions (RECs), Historical Recognized Environmental Conditions (HRECs), and/or Controlled Recognized Environmental Conditions (CRECs) in connection with the Property, see Section 7.0 of this Report.
Recommendations and Opinions	Refer to Section 8.0 for ENCON's professional opinions and recommendations.

1.0 INTRODUCTION

ENCON Solutions, Inc. (ENCON) performed a *Phase I Environmental Site Assessment Report* (hereinafter "*ESA or Report"*) of the Property in conformance with the scope and limitations of the *ASTM International*, formerly known as the *American Society for Testing and Materials (ASTM), Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E1527-13.*

This *Report* documents the methods and findings of the Phase I Environmental Site Assessment ("*ESA*") performed in general conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the Property.

This *Report* has been prepared by ENCON for the *Client* under the professional supervision of the principal and/or senior staff whose seal(s) and signature(s) appear hereon. Neither ENCON, nor any staff member assigned to this investigation has any interest or contemplated interest, financial or otherwise, in the subject or surrounding properties, or in any entity which owns, leases, or occupies the subject or surrounding properties or which may be responsible for environmental issues identified during the course of this investigation, and has no personal bias with respect to the parties involved.

PURPOSE AND OBJECTIVE

The purpose of this practice is to define good commercial and customary practice for conducting an *environmental site assessment* of a parcel(s) of *commercial real estate* with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) and *petroleum products*. As such, this practice is intended to permit a *User (Client, Purchaser, Lender, Owner)* to satisfy one of the requirements to qualify for the *innocent landowner*, *contiguous property owner*, or *bona fide prospective purchaser* limitations on CERCLA liability (hereinafter, the "*landowner liability protections*," or "*LLPs*"): that is, the practice that constitutes "*all appropriate inquiry* into the previous ownership and uses of the *Property* consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

Another purpose of this *ESA* is to assist the *Client,* in its underwriting of a proposed mortgage loan on the Property, if this *Report* is prepared as a part of a pre-financing environmental due diligence, and to identify *Recognized Environmental Conditions (RECs)* in connection with the Property described in this *Report*.

The ASTM Standard Practice E1527-13 defines *a Recognized Environmental Condition (REC)* as the presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *property*: (*1*) due to *release to the environment*; (*2*) under conditions indicative of a *release* to the *environment*; or (*3*) under conditions that pose a *material threat* of a future *release* to the *environment*. Conditions determined to be *de minimis* generally do not present a threat to human health or the *environment* and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis conditions* are not *Recognized Environmental Conditions* or *Controlled Recognized Environmental Conditions*. *De minimis conditions* are not *Recognized Environmental Conditions*.

C*ontrolled Recognized Environmental Condition (CREC)* is a *Recognized Environmental Condition* resulting from a past *release* of *hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls (for example, *property use restrictions*, *activity and use limitations*, *institutional controls*, or *engineering controls*).

A Historical Recognized Environmental Condition (HREC) is *a* past *release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the *Property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *Property* to any required controls (for example, *property* use restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*).

Referenced Documents for ASTM Standard Practice E1527-13:

- *ASTM E2091 Guide for Use of Activity and Use Limitations, Including Institutional and Engineering Controls*
- *ASTM E2600 Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*
- *Comprehensive Environmental Response, Compensation, and Liability Act of 1980 ("CERCLA" or "Superfund"), as amended by Superfund Amendments and Reauthorization*
- *Act of 1986 ("SARA") and Small Business Liability Relief and Brownfields Revitalization Act of 2002 ("Brownfields Amendments"), 42 U.S.C. §§9601 et seq.*
- *Emergency Planning and Community Right-To-Know Act of 1986 ("EPCRA"), 42 U.S.C. §§11001 et seq.*
- *Freedom of Information Act, 5 U.S.C. §552, as amended by Public Law No. 104-231, 110 Stat. 3048*
- *Resource Conservation and Recovery Act (also referred to as the Solid Waste Disposal Act), as amended ("RCRA"), 42*
- *U.S.C §6901 et seq.*
- *"All Appropriate Inquiries" Final Rule, 40 C.F.R. Part 312 Chapter 1 EPA, Subchapter J-Superfund, Emergency*
- *Planning, and Community Right-To-Know Programs, 40 C.F.R Parts 300-399 National Oil and Hazardous Substances Pollution Contingency Plan, 40 C.F.R. Part 300*
- *OSHA Hazard Communication Regulation, 29 C.F.R. §1910.1200*

SCOPE OF WORK

This *Report* was prepared for the exclusive use of the *Client or User of this Report*. The information reported was obtained through sources deemed reasonably ascertainable, as defined in ASTM Standard Practice E1527-13; a visual site survey of areas readily observable, easily accessible or made accessible by the Property contact and interviews with owners, agents, occupants, or other appropriate persons involved with the Property. Municipal information was obtained through file reviews of reasonably ascertainable standard government record sources, and interviews with the authorities having jurisdiction over the Property. Findings, conclusions and recommendations included in the *Report* are based on our visual observations in the field, the municipal information reasonably obtained, information provided by the *Client (or User)*, and/or a review of readily available and supplied documents.

The scope of work for this ESA is in general accordance with the requirements of ASTM Standard Practice E 1527-13. This assessment included: 1) a property and adjacent site reconnaissance; 2) interviews with key personnel; 3) a review of standard historical sources; 4) a review of standard regulatory agency records; and 5) a review of a regulatory database report provided by a third-party company such as Environmental Data Resources (EDR).

LIMITATIONS AND EXCEPTIONS

ENCON renders no opinion as to the Property condition at un-surveyed and/or inaccessible portions of the Property, which are described below. ENCON relies completely on the information, whether written, graphic or verbal, provided by the Property contact or as shown on any documents reviewed or received from the Property contact, owner or agent, or municipal source, and assumes that information to be true and correct. The observations in this *Report* are valid on the date of the survey. Where access to portions of the Property or to structures on the Property was unavailable or limited, ENCON renders no opinion as

to the presence of petroleum products or hazardous substances in that portion of the Property or structure. In addition, ENCON renders no opinion as to the presence of, or indirect evidence relating to, petroleum products or hazardous substances where direct observation of the interior walls, floor, or ceiling of a structure was obstructed by objects or coverings on or over these surfaces.

The conclusions provided by ENCON are based on the information obtained by visual survey of the Property, and information provided by agents representing the Property, or agents of the owner. In addition, ENCON has relied on certain information provided by state and other referenced parties, and on information contained in the files of federal, state and/or local agencies available to ENCON at the time of the assessment. Although there may have been some degree of overlap in the information provided by these various sources, ENCON did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of these *Environmental Services*.

CERCLA Requirements Other Than *All Appropriate Inquiry* (ASTM Standard Practice E1527-13 1.1.3) - This practice does not address whether requirements in addition to *All Appropriate Inquiries* have been met in order to qualify for the *LLPs* (specified in 42 U.S.C. §9607(b)(3)(a) and (b) including the continuing obligation not to impede the integrity and effectiveness of *Activity and Use Limitations*), or the duty to take reasonable steps to prevent releases, or the duty to comply with legally required release reporting obligations).

It is acknowledged that ENCON's judgments shall not be based on scientific or technical tests or procedures beyond the Scope of Services or beyond the time and budgetary constraints imposed by the *Client*. It is acknowledged further that ENCON's conclusions shall not rest on pure science but on such considerations as economic feasibility and available alternatives. The *Client* also acknowledges that, because geologic and soil formations are inherently random, variable, and indeterminate in nature, the conclusions and opinion of this Report are not guaranteed to be a representation of actual conditions on the Property, which are also subject to change with time as a result of natural or man-made processes, including water permeation.

In performing the Services, ENCON shall use that the degree of care and skill ordinarily exercised by environmental consultants or engineers performing similar services in the same or similar locality. The standard of care shall be determined solely at the time the Services are rendered and not according to standards utilized or in effect at a later date. The Services shall be rendered without any other warranty, expressed or implied, including, without limitation, the warranty of merchantability and the warranty of fitness for a particular purpose.

It should be noted that certain conditions may not have been reasonably identifiable or ascertainable from the available information during the course of this Report. ENCON assumes that information obtained from the record review and the interviews concerning the Property is reliable. However, ENCON cannot and does not warrant or guarantee that the information provided by these other sources is accurate or correct.

Some of the information provided in this *Report* is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of the pertinent records, and the personal recollections of those persons contacted. This practice does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provisions of the LLPs. Furthermore, this report does not intend to address all of the health and safety concerns, if any, associated with the Property.

The assessment was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession, and in accordance with generally accepted practices of other consultants currently practicing in the same locality under similar conditions. No other representation, expressed or implied, and no warranty or guarantee is included or intended. The *Report* speaks only as of its date, in the absence of a specific written update of the *Report*, signed and delivered by ENCON.

Responses received from local, state, or federal agencies or other secondary sources of information after

the issuance of this *Report* may change certain facts, findings, conclusions, or circumstances to the report. A change in any fact, circumstance, or industry-accepted procedure upon which this report was based may adversely affect the findings, conclusions, and recommendations expressed in this report. Additional information that becomes available after our survey and report submission concerning the Property should be provided to ENCON so that our conclusions may be revised and modified if necessary, at additional cost.

Controlled substances are not included within the scope of this standard. Persons conducting an *environmental site assessment* as part of an EPA Brownfields Assessment and Characterization Grant awarded under CERCLA 42 U.S.C. §9604(k)(2)(B) must include controlled substances as defined in the Controlled Substances Act (21 U.S.C. §802) within the scope of the assessment investigations to the extent directed in the terms and conditions of the specific grant or cooperative agreement. Additionally, an evaluation of *business environmental risk* associated with a parcel of *commercial real estate* may necessitate investigation beyond those identified in this practice.

SIGNIFICANT ASSUMPTIONS AND LIMITING CONDITIONS

The objective of ASTM Standard Practice E1527 is to help *Users* qualify for one of the CERCLA Landowner Liability Protections (LLPs). *Users* should be aware that there are other federal, state, and local environmental laws and regulations that can impose liabilities and obligations on owners and operators of real property that are outside the scope of this practice. This practice does not address all possible environmental liabilities that a *User* may need to consider in the context of a commercial real estate transaction. Therefore, *Users* may desire to expand the scope of pre-purchase or pre-finance due diligence to assess other business environmental risks that exist beyond CERCLA liability associated with the Property.

Business Environmental Risk (BER) is a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of commercial real estate, and is not an issue required to be investigated under this practice. A BER may include one or more of the non-scope issues contained in Non-Scope Considerations. Evaluation of Non-Scope or Non-CERCLA items, including those addressed in this *Report*, is not required nor relevant for compliance with the AAI Rule or ASTM Standard Practice E1527-13. Inclusion of any non-scope item in a Phase I Environmental Site Assessment Report is entirely within the discretion of the *User* based on its own risk tolerance. Non-Scope Consideration should not be construed as requiring the inclusion of any non-scope issues in a Phase I report.

Any additional services contracted for between the *User* and ENCON Solutions, Inc. including a broader scope of assessment, more detailed conclusions, liability/risk evaluations, recommendation for Phase II testing or other assessment activities, remediation techniques, etc., are beyond the scope of ASTM Standard Practice E1527-13, not part of this Report, and should only be included in the Report if so specified in the terms of engagement between the *User* and ENCON. Such additional services may include *business environmental risk* issues not included within the scope of this practice (ASTM Standard Practice E1527-13).

The ASTM Standard Practice E1527-13 does not encompass analytical testing to evaluate Asbestos Containing Materials (ACM), radon, lead-based paint (LBP), drinking water quality, lead in drinking water, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, biological agents, mold, stored chemicals, debris, fill materials, surface water, or subsurface samples (soil and groundwater) as part of a Phase I ESA. Such additional information regarding non-ASTM Standard Practice E1527-13 issues may be provided merely for the *User's* convenience, and cannot be used to bind this report as a whole to the compliance and conformance with ASTM Standard Practice E1527-13. No disassembly of systems or building components or physical or invasive testing is to be performed unless the *Client* specifically calls for such testing as an additional scope of work.

ENCON has performed this *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Standard Practice E1527-13. This *Report* may not include all environmental conditions which can materially impact the Property other than those defined as RECs in ASTM Standard Practice E1527-13.

ENCON is not contracted to perform *Environmental Liens* and *Activity and Use Limitations (AULs)* searches via title records, and such is beyond the scope of services included in this report. Information pertaining to deed restrictions and environmental liens, Activity/Use Limitations, title search/report was requested from the *Report User*. This information may or may not be provided to ENCON at the time of the assessment. See pertinent Sections of this *Report* for further discussion.

Interviews with past or current owners, operators and occupants may not be reasonably ascertainable and can constitute a data gap. Based on information obtained from other historical sources (as discussed in Section 4.0), this data gap may or may not be expected to alter the findings of this assessment. See Section 7.0 and 8.0 for further discussion.

Adjoining sites, neighboring sites or surrounding properties mentioned in this *Report* are defined only up to one parcel immediately next to the Property, and ENCON will only check immediately adjoining properties to identify historical use of the surrounding areas via historical sources or data on such adjoining properties, and/or walk-through visual inspection along the Property's perimeters to identify obvious signs of environmental concerns.

It is often not possible (under the "*reasonably ascertainable*" clause of the ASTM Standard Practice E1527-13) to identify every single historical business tenant or occupant of the Property. ENCON cannot be liable for not identifying all such past tenants or occupants of the project site.

This *Phase I Environmental Site Assessment* did not necessarily comply with the ASTM Standard Practice E2600-10 "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions. For assessment of potential "vapor encroachment conditions" (VECs) and to determine if a "vapor intrusion condition" (VIC) exists on-site, additional investigation beyond ASTM Standard Practice E1527-13 is required.

For the purposes of ASTM Standard Practice E1527-13, "migrate" and "migration" refers to the movement of *hazardous substances* or *petroleum products* in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface. Vapor migration in the subsurface is described in Guide E2600; however, nothing in this practice (E1527-13) should be construed to require application of the Guide E2600-10 standard to achieve compliance with all appropriate inquiries.

USER RELIANCE

This investigation was conducted in accordance with the *Client's* Environmental Site Assessment scope of work for the use and benefit of the *Client* and assignees. It is based, in part, upon documents, writings, and information owned, possessed, or secured by the *Client*. Neither this report, nor any information contained herein, shall be used or relied upon for any purpose by any other person or entity without the express written permission of the *Client*.

All reports, both verbal and written, are for the sole use and benefit of the *Client*. Either verbally or in writing, third parties may come into possession of this Report or all or part of the information generated as a result of this work. In the absence of a written agreement with ENCON granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against ENCON, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold ENCON, the *Client* and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and

shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

INDEPENDENT CONTRACTOR STATUS / PROFESSIONAL RESPONSIBILITY

In performing Services under the mutually agreed contractual agreement and verbal engagement, ENCON operates as, and has the status of, an independent contractor. Subject to any limitations established by the *Client* as to the degree of care and amount of time and expenses to be incurred and any other limitations contained in the mutually agreed contractual agreement and verbal engagement, ENCON performs the Services consistent with the level of care and skill ordinarily exercised by other professional consultants under similar circumstances at the time the Services are performed. *Client* hereby acknowledges that whenever a Project involves hazardous or toxic materials there are certain inherent risk factors involved (such as limitations on laboratory analytical methods, variations in subsurface conditions, economic loss to *Client* or Property owner, a potential obligation for disclosure to regulatory agencies, a potential for a decrease in market value of real property, and the like) that may adversely affect the results of the Project, even though the Services are performed with such skill and care. No other representation, warranty, or guarantee, express or implied, is included or intended by the mutually agreed contractual agreement and verbal engagement.

QUALIFICATION STATEMENT OF ENVIRONMENTAL PROFESSIONAL

ENCON states that this *Phase I Environmental Site Assessment* was performed under *Environmental Professional (EP)'s* direct supervision, that he/she has prepared and/or reviewed and approved the report, and that the methods and procedures utilized in the development of this report conform to minimum industry standards using both the *ASTM International*, formerly known as the *American Society for Testing and Materials (ASTM)*, Standard Practice E1527-13 and the United States – Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) as guidelines. ENCON certifies that ENCON's *Environmental Professionals* and *Subcontractors* are properly licensed, qualified and/or certified to conduct *Phase I Environmental Site Assessments*.

ENCON's EP declares that, to the best of his/her professional knowledge and belief, he/she meets the definition of *Environmental Professional* as defined in 40 CFR Part 312. ENCON's EP who prepared this assessment possesses the specific qualifications based upon education, training and experience to assess a property of the nature, history, and setting of the Property. ENCON has developed and performed the "*All Appropriate Inquiries*" in accordance with the standards and practices as defined in 40 CFR Part 312.

2.0 PROPERTY DESCRIPTION

2.1 PROJECT INFORMATION

Project Information	
ITEM	
Project Number	1402113ESAI
Property Address(es)	14622 Dalewood Street, Baldwin Park, CA 91706
Historical/Alternate Property Address(es)	N/A
Tax Assessor's Parcel Number	8463-001-012 and 8463-001-013
Property Name	N/A
Property Inspection Date	3/14/2014
Weather Condition	Partly cloudy
Site Visit Conducted by	Joshua Park, Environmental Consultant
Report Author	Joshua Park, Environmental Consultant
QA/QC Environmental Professional	Hyung Kim, Senior Environmental Consultant
Property Location	The subject property is located on the south side of Dalewood Street, approximately 0.10 miles west of West Merced Avenue in the City of Baldwin Park, California.
General Setting	Commercial & residential
Property Type	Vacant building (former restaurant)

2.2 PROPERTY IMPROVEMENTS

Property Improvements & Building / Land Description	
ITEM	
Property Description	The Property consists of a 1.6-acre irregular-shaped parcel improved with a 5,256-square-foot vacant building at the northeastern portion of the site. The remainder of the site is improved with an asphalt-paved parking area. Access to the subject property is achieved from the north via Dalewood Street.
	Data Source(s) for Parcel Size: Ticor Title Company Property Profile
	Data Source(s) for Building Size(s): Ticor Title Company Property Profile
Estimated Year of Construction	1965
	Data Source(s): Ticor Title Company Property Profile
Improvement Description	The subject building (former restaurant) is currently vacant. ENCON was unable to inspect the interior of the subject building.
Other Improvements & Features (including description of unimproved areas)	The Property is 100% improved.

2.3 PROPERTY OCCUPANTS & USE

Property Occupants & Use	
ITEM	
Present Occupant(s) and Detailed Description of Business Operation(s)	Vacant building (former restaurant)

2.4 MUNICIPAL SERVICES & UTILITIES

Municipal Services & Utilities	
ITEM	
Potable Water Supply	City of Baldwin Park
Source for Heating (such fuel oil)	None identified
Electrical	Southern California Edison
Sewage Disposal System	City of Baldwin Park
Solid Waste Disposal	None identified
Any Septic System, Cesspool, Seepage Pits	None identified
Private Water Well	None identified
Heating/Cooling System	None observed, but split system or gas pack is typically expected.

2.5 PHYSICAL SETTING

TOPOGRAPHY

The Property's physical location was researched employing a United States Geological Survey (USGS) 7.5 Minute Topographic Quadrangle (Quad) Map relevant to the Property. The USGS 7.5 Minute Quad Map has an approximate scale of 1 inch to 2,000 feet, and may show physical features with environmental significance such as wetlands, water bodies, roadways, mines, and buildings. The elevation of the Property is approximately 352 feet above mean sea level. There is a regional downslope to the west-southwest.

GEOLOGY & HYDROGEOLOGY

Geologic and hydrogeologic information was obtained from a Site Assessment Report prepared for an ARCO Station located at 11958 Ramona Boulevard by Stantec Consulting Corporation (Stantec), located approximately 3.1 miles west-northwest of the Property:

The Site is located in the San Gabriel Valley Groundwater Basin, which is bounded by the San Gabriel Mountains to the north, Repetto Hills to the west, Merced Hills the southwest, Puente Hills to the south, and San Juan Hills to the east. The San Gabriel River, the Rio Hondo, and their tributaries drain the valley. The rivers have their headwaters in the San Gabriel Mountains and a common exit from the valley through the Whittier Narrows. The Whittier Narrows, located approximately three miles to the south, is a narrow gap in the southern portion of the San Gabriel Valley between the Merced and Puente Hills. The San Gabriel River is located approximately 4,000 feet east of the Site, and the Rio Hondo is located approximately 1.5 miles to the west-northwest.

The San Gabriel Valley Groundwater Basin is a structural basin filled with Quaternary alluvial deposits comprised of eroded sand, gravel, and clay. The average thickness of water-bearing deposits in the center of the basin is 900 to 1,000 feet. The alluvium is underlain by Miocene marine deposits that yield only limited quantities of water. The shallow sediments encountered beneath the Site are correlated with Holocene-age stream-channel and flood-plain deposits of the Rio Hondo and San Gabriel River.

Groundwater was encountered during this investigation at an approximate depth of 90 feet below ground surface (bgs). Groundwater flows from the perimeter of the basin in a southerly direction toward the Whittier Narrows where it exits the basin.

While groundwater flow direction at the Property cannot be confirmed without survey measurement of static groundwater level at triangulated points, it is expected to flow in the direction of surface topographical contour, or toward the wetland or nearest water body or discharge basin (percolation channel).

It is important to note that groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells. Depth and gradient of the water table can change seasonally in response to variation in precipitation and recharge, and over time, in response to urban development such as storm water controls, impervious surfaces, pumping wells, cleanup activities, dewatering, seawater intrusion barrier projects near the coast, and other factors.

3.0 PROPERTY RECONNAISSANCE

3.1 LIMITING CONDITIONS

The information reported herein was obtained through sources deemed reliable, a visual site survey of areas readily observable, easily accessible or made accessible by the Property contact, and interviews with owners, agents, occupants, or other appropriate persons involved with the Property.

No disassembly of systems or building components or physical or invasive testing was performed. ENCON renders no opinion as to the Property condition at un-surveyed and/or inaccessible portions of the Property. ENCON relies completely on the information, whether written, graphic or verbal, provided by the Property contact or as shown on any documents reviewed or received from the Property contact, owner or agent, or municipal source, and assumes that information to be true and correct. The observations in this *Report* are valid on the date of the survey. Note: Typically lenders have environmental policies where due diligence reports are valid for one year from the report date. However, such policies and standards can vary from each lender or *User*. For CERCLA landowner liability protection, Phase I ESA reports are valid for 180 days, per ASTM Standard Practice E1527-13.

3.2 PROPERTY RECONNAISSANCE

ENCON conducted interior and exterior observations of the Property with the intent to identify *releases* or *material threat* of future *releases* of *hazardous substances* or *petroleum products* to the *environment*. The site reconnaissance table below lists items *visually and/or physically observed*.

Property Reconnaissance	
ITEM	
Processes involving Petroleum Products or Hazardous Substances	None observed.
Underground Storage Tanks (USTs)	None observed.
Aboveground Storage Tanks (ASTs)	None observed.
Fuel Islands / Dispensers, or any type of fueling system/operation	None observed.
Containers or Drums of Hazardous Materials and/or Petroleum Products related to the Property's operations/processes	None observed.
Unidentified Substance Containers: Other containers of suspect hazardous materials in drums, barrels, or other storage, or unlabeled/unidentified containers on site	None observed.
Stained or Corroded Surfaces / Stained Soil (paved or unpaved)	None observed.
Unusual areas of asphalt/cement patch or surface depressions including any possible boring locations	None observed.

Property Reconnaissance	
ITEM	
Stockpiled soils, fill materials, or soil piles	None observed.
Stressed vegetation	None observed.
Any type of heavy equipment or machinery of environmental concern	None observed.
Electrical or hydraulic equipment or machinery of environmental concern	None observed.
Drains for machinery/equipment cleaning or flushing	None observed.
Evidence of onsite surface water impoundment, pits, dry wells or sensitive surface water features such as lagoons, ponds, and other water bodies	None observed.
Drains, sumps, wastewater treatment units, oil/water separators, clarifiers, catch basins, drip pads, or sumps	None observed.
Any regulated surface-water discharges, illegal dumping, unauthorized surface runoff or discharge to potentially impact water bodies	None observed.
Storm water or surface-water drainage system having any abnormal accumulation of petroleum or chemical run-off or foreign materials, any unusual blockage of the storm-water control systems	None observed.
Pools of liquid such as standing surface water, pools or sumps containing liquids likely to be hazardous substances or petroleum products	None observed.
Odors (strong, pungent, or noxious odors and their sources)	None observed.
Septic systems, cesspools, seepage pits	None observed.
Wells (private water wells, irrigation wells, injection wells, abandoned wells, groundwater-monitoring wells, dry wells, septic wells, oil wells, gas wells, domestic water wells, vapor recovery wells or other-monitoring wells)	None observed.
Railroad tracks or spurs	None observed.

Property Reconnaissance	
ITEM	
Visual evidence of improper handling/disposal of solid wastes	None observed.

3.3 DETAILED DESCRIPTION OF SITE RECONNAISSANCE AND ENVIRONMENTAL CONDITIONS

The subject property is improved with a 5,256-square-foot vacant building (former restaurant) at the northeastern portion of the site. The remainder of the site is improved with an asphalt-paved parking area

3.4 CURRENT USES OF ADJACENT PROPERTIES

For the scope of this assessment, properties are defined and categorized based upon their physical proximity to the Property. An adjoining property is defined as any real property or properties in which the border is contiguous or partially contiguous with that of the Property, or that would be contiguous or partially contiguous with that of the Property but for a street, road, or other public thoroughfare separating them.

Adjacent Properties	
ITEM	
North	Dalewood Street followed by a planter area / 10-Freeway
South	Residential area
West	Garden View Care Center (14475 Garden View Ln.)
East	Regency Inn & Suites (14624 Dalewood St.)
Northwest	• Vacant lot (14614 Dalewood St.) • Dalewood Street followed by a planter area / 10-Freeway
Northeast	Dalewood Street followed by a planter area / 10-Freeway
Southwest	Residential area
Southeast	Residential area

3.5 NON-SCOPE (NON-ASTM) CONSIDERATIONS

Evaluation of Non-Scope or Non-CERCLA items, including those addressed in Section 3.4 of this Report, is not required nor relevant for compliance with the AAI Rule or ASTM Standard Practice E1527-13. Inclusion of any non-scope item in a Phase I Environmental Site Assessment Report ("Report") is entirely within the discretion of the *User* based on its own risk tolerance. Non-Scope Consideration should not be construed as requiring the inclusion of any non-scope issues in a Phase I report.

Any additional services contracted for between the *User* and ENCON Solutions, Inc. including a broader scope of assessment, more detailed conclusions, liability/risk evaluations, recommendation for Phase II testing or other assessment activities, remediation techniques, etc., are beyond the scope of Standard Practice E1527-13, not part of this Report, and should only be included in the Report if so specified in the terms of engagement between the *User* and ENCON. Such additional services may include *business environmental risk* issues not included within the scope of this practice (ASTM Standard Practice E1527-13). No implication is intended as to the relative importance of inquiry into such non-scope considerations, and this list of non-scope considerations is not intended to be all-inclusive.

There may be environmental issues or conditions at a *Property* that parties may wish to assess in connection with *commercial real estate* that are outside the scope of this practice (the non-scope considerations). As noted by the legal analysis in Appendix X1 of ASTM Standard Practice E1527-13,

some substances may be present on the Property in quantities and under conditions that may lead to contamination of the *property* or of nearby properties but are not included in CERCLA's definition of *hazardous substances* (42 U.S.C. §9601(14)) or do not otherwise present potential CERCLA liability. In any case, they are beyond the scope of this practice.

Whether or not a *User* elects to inquire into non-scope considerations in connection with this practice or any other *environmental site assessment*, no assessment of such non-scope considerations is required for appropriate inquiry as defined by this practice.

NON-SCOPE, NON-CERCLA ITEMS	
ITEM	
Suspect asbestos-containing building materials (ACBM) in damaged condition if the structure is built prior to 1978	Since an asbestos survey is not included in the current scope of services for Phase I ESA, ENCON did not test suspect asbestos-containing building materials (ACBM) at the Property. However, because improvement(s) at the Property was/were constructed prior to 1980, the presence of ACBM is possible. It is important to note that State and Federal Laws impose special requirements for handling these materials, especially in the event of remodeling or demolition that may impact these materials. Prior to any remodeling or demolition, the Property owner must have properly certified personnel test all suspect ACBM to be disturbed by the work. If ACBM are identified and are subject to disturbance, the Property owner must have properly certified personnel prepare and implement work procedures and associated Operations and Maintenance Plans, as applicable. The Property owner/occupant should assure compliance with all applicable regulations, notably AHERA, OSHA, and the General Construction Standard (as applicable).
Suspect lead-based paint (LBP) in damaged condition if the structure is residential and was built prior to 1978	Since a lead-based paint survey is not included in the current scope of services for Phase I ESA, ENCON did not test suspect lead-based paint (LBP) at the Property. However, because improvement(s) at the Property was/were constructed prior to 1980, the presence of LBP is possible. It is important to note that State and Federal Laws impose special requirements for handling these materials, especially in the event of remodeling or demolition that may impact these materials. Prior to any remodeling or demolition, the Property owner must have a certified/licensed LBP consultant test all suspect LBP to be disturbed by the work. If LBP are identified and are subject to disturbance, the Property owner must have properly certified personnel prepare and implement work procedures and associated Operations and Maintenance Plans, as applicable. The Property owner/occupant should assure compliance with all applicable regulations, notably OSHA, and the General Construction Standard (as applicable).
Lead in drinking water (LIW)	Since a lead in drinking water survey is not included in the current scope of services for Phase I Environmental Site Assessment, ENCON did not test drinking water at the Property for lead content. The major source of LIW is leaching of lead from household plumbing materials or water service lines used to bring water from the main to the building. Lead can leach into drinking water through contact with the plumbing, solder, fixtures and faucets (brass), and fittings. The amount of lead in drinking water will be influenced by the type and amount of minerals in the water, how long the water stays in the pipes, the amount of wear in the pipes, the water's acidity and its temperature.

NON-SCOPE, NON-CERCLA ITEMS	
ITEM	
Radon	Radon sampling and testing was not requested by the *User/Client* as part of this Phase I ESA.
Urea Formaldehyde	The sale and installation of Urea Formaldehyde Foam Insulation (UFFI) as thermal insulation began in approximately 1970, and continued until December 1980 when it was banned under the federal *Hazardous Products Act*. UFFI was installed in both new and existing buildings during this period. UFFI was not commonly used in industrial or commercial buildings. A UFFI survey was not included in the current scope of services for this Phase I ESA.
Suspect PCB-oil concern with hydraulic equipment, ballasts, transformers, etc.	A PCB survey was not included in the current scope of services for this Phase I ESA.
Wetlands, creeks, swale, pits, ponds, lagoons, or any other water bodies	A wetland is defined as areas inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands provide a number of economically and environmentally important functions such as flood control, water quality protection, groundwater recharge, spawning areas for commercially important fish, and wildlife habitat. Wetlands are evaluated using three indicators: hydrology, hydrophytic vegetation, and hydric soils. Section 404 of the Clean Water Act requires a permit before dredged or fill material may be discharged into regulated wetlands (know as Jurisdictional Wetlands). The Army Corps of Engineers has primary responsibility for making wetlands jurisdictional determinations and issuing wetlands permits. A number of activities are authorized through the use of nationwide permits. A wetland study or survey is not included in the current scope of services for this Phase I ESA. However, based on a review of the EDR Radius Report, the site is not within a mapped National Wetland Inventory location.
Visual evidence of mold problems from wet areas, roof leaks, moisture around air conditioning or plumbing units	A microbial matter survey or sampling/analysis is not included in the scope of work for this Phase I ESA.
Indoor air quality unrelated to *releases* of *hazardous substances* or *petroleum products* into the *environment* (unusual smells, noxious odors, or visual emissions, air emission stacks), excluding impacts to indoor air from releases of hazardous substances into the environment	There are many sources of indoor air pollution. These include combustion sources such as oil, gas, kerosene, coal, wood, tobacco products, asbestos-containing materials, wet or damp carpet, formaldehyde, certain pressed wood products, cleaning and maintenance chemicals, and pesticides. EPA estimates that indoor levels of air pollutants can be two to five times higher, and occasionally 100 times higher, than outdoor levels. In general, EPA does not regulate indoor air quality except to the extent that indoor air impacts are caused by releases of hazardous substances into subsurface soil or groundwater (vapor intrusion). An indoor air quality test or evaluation is not included in the scope of work for this Phase I ESA.

NON-SCOPE, NON-CERCLA ITEMS	
ITEM	
Flood Zone	The Federal Emergency Management Agency Flood Insurance Rate Map is typically used to determine if the Property is located within a flood zone. Such evaluation is not included in the scope of work for this Phase I ESA.
Methane Gas	In response to concern regarding the potential for methane accumulation beneath buildings, and potential methane intrusion into buildings, some cities or regulatory oversight agencies have established methane zones and/or methane buffer zones based on the proximity to oil wells, landfills, or naturally occurring methane deposits. A methane risk assessment is not included in the scope of work for this Phase I ESA.
Other non-scope considerations discussed in Appendix X1 and Appendix X5 of ASTM Standard Practice E1527-13	No implication is intended as to the relative importance of inquiry into such non-scope considerations, and this list of non-scope considerations is not intended to be all-inclusive. These items are not included in the current scope of services for Phase I ESA. *Endangered Species Act*—Under the Endangered Species Act (ESA), the government protects endangered and threatened plants and animals (listed species) and their habitats. The presence of listed species can restrict use of the Property to ensure that the proposed activities do not adversely affect endangered or threatened species as well as their critical habitats. This includes *Biological agents, Cultural and historical resources, and* Ecological resources. *Compliance with AULs*—Parties who wish to qualify for one of the *LLPs* will need to know whether they are in compliance with AULs, including land use restrictions that were relied upon in connection with a response action. A determination of compliance with AULs is beyond the scope of ASTM Standard Practice E1527-13. *Regulatory Compliance (Includes Health and Safety and Industrial Hygiene)*—Properties used for industrial, commercial and even residential purposes are frequently subject to a panoply of environmental laws and regulations that relate to many aspects of operations conducted at the Property. In the context of a property transaction, noncompliance with environmental laws and regulations may create a material risk of financial loss for both building operators and owners of the properties. *Potential Effects of Noncompliance*—Depending on the circumstances, noncompliance with various regulatory requirements could result in material costs to owners and operators of industrial, commercial or residential properties, including fines or other monetary penalties, injunctions or other equitable relief that slows or eliminates productivity, and could result in increased transaction costs associated with defending claims of noncompliance. Furthermore, even in the absence of administrative or legal enforcement proceedings, the costs to bring facilities into compliance with applicable regulatory requirements could be material in some circumstances.

4.0 PROPERTY AND VICINITY HISTORY

The objective of consulting historical sources is to develop a history of the previous uses of the Property and surrounding area, in order to help identify the likelihood of past uses having led to Recognized Environmental Conditions (RECs), Controlled Recognized Environmental Conditions (CRECs), or Historical Recognized Environmental Conditions (HRECs) in connection with the Property. ENCON exercises professional judgment and consider the possible *releases* that might have occurred at a Property in light of the historical uses and, in concert with other relevant information gathered as part of the Phase I process, use this information to assist in identifying RECs, CRECs, and/or HRECs in connection with the Property.

Historical Records Search was conducted for the Property in conformance with the scope and limitations of ASTM Standard Practice E1527-13.

4.1 PREVIOUS ENVIRONMENTAL REPORTS

ENCON was not provided with or made aware of previous Environmental Site Assessments or other documentation of environmental studies performed for the Property.

4.2 SANBORN MAP COMPANY FIRE INSURANCE MAPS

Sanborn Map Company maps were created for insurance underwriters from 1867 to present, and often contain information regarding the uses of individual structures, and the locations of fuel and/or chemical storage tanks that may have been on a particular property. In 1996, the entire Sanborn Map Company collection was acquired by Environmental Data Resources, Inc. (EDR). ENCON subcontracted with EDR to provide copies of Sanborn Map Company maps, if available, for the Property and vicinity.

EDR responded that Sanborn Map Company fire insurance maps were not drawn for the Property or surrounding vicinity.

4.3 HISTORICAL AERIAL PHOTOGRAPHS

ENCON reviewed aerial photographs via Nationwide Environmental Title Research, LLC's database (www.historicaerials.com) and via Google Earth for the following years: 1948, 1952, 1965, 1972, 1980, 1994, 2003, 2004, and 2005.

In the 1948 and 1952 photographs, the subject property and all adjacent properties appeared to be vacant land.

In the 1965 through 2005 photographs, the subject site appeared to be developed in the current configuration and layout. The adjacent sites appeared to be developed in the current configuration and layout by the early 1970s.

4.4 LOCAL STREET DIRECTORIES / HISTORICAL CITY DIRECTORIES

ENCON reviewed the Historical City Directories provided by EDR for the years 1920-2013. See Appendix D for full directory listings. A summary of listings is provided below:

Historical City Directories	
YEAR	LISTING
1966	Howard Johnsons Restaurants
1967	Howard Johnsons Restaurants
1970	Howard Johnsons Restaurants
1975	Howard Johnsons Restaurants
1980	Howard Johnsons Restaurants
1985	Howard Johnsons Restaurants

4.5 CITY/COUNTY BUILDING DEPARTMENT, ZONING/LAND USE, PROPERTY TAX RECORDS, PROFILES

Building Department Records:

ENCON reviewed buildings records from the City of Los Angeles Building Department See Appendix D.

A summary of the building records is provided below:

Building & Planning Department Records		
YEAR	DESCRIPTION	OWNER
1965	Public Works Permit	Howard Johnson
1965	Building permit – Restaurant	Howard Johnson

Property Profile:

ENCON obtained Property information based on Ticor Title Company Property Profiles. See Appendix D for the Property Profile. A summary of the Property information is provided below:

- Current Property Owner(s): Wilshire State Bank
- Lot Size: 1.47 AC
- Building Size: 2,702 SF
- Construction Date: 1965
- Site Use / Use Code: Restaurant

- Current Property Owner(s): Wilshire State Bank
- Lot Size: 6,050 SF
- Building Size: 2,554 SF
- Construction Date: 1965
- Site Use / Use Code: Restaurant

4.6 HISTORICAL TOPOGRAPHIC MAPS

ENCON reviewed the most recently photo-revised USGS Topographic Map for the Property to determine if any feature(s) of environmental concern were identified.

Source: Nationwide Environmental Title Research, LLC's database www.historicaerials.com

No environmental concerns were identified.

4.7 OIL & GAS MAPS

ENCON reviewed California Department of Conservation, Division of Oil, Gas & Geothermal Resources (DOGGR) maps for the Property and immediate vicinity via the DOGGR Online Mapping System (DOMS), but found no active or abandoned oil and/or gas wells on the Property or in the immediate vicinity.

Source: http://maps.conservation.ca.gov/doms/doms-app.html

4.8 OTHER HISTORICAL RECORDS

This category includes, but is not limited to: miscellaneous maps, newspaper archives, internet sites, community organizations, local libraries, historical societies, current *owners* or *occupants* of neighboring properties, or records in the files and/or personal knowledge of the *Property owner* and/or *occupants*.

An internet search of the subject property address yielded the following result:

Chef's Coffee Shop
14622 Dalewood St., Baldwin Park, CA, 91706
(626) 962-4839

Source: http://events.ocregister.com/baldwin_park_ca/venues/show/111148-chefs-coffee-shop

5.0 STANDARD ENVIRONMENTAL RECORDS SEARCH

5.1 PROCEDURE

The most current databases sources maintained by state and federal offices were provided by governmental record search database suppliers, such as Environmental Data Resources (EDR). For definitions of database acronyms, review the database report in Appendix C and/or refer to ASTM Standard Practice E1527-13 Section 3.3 and 8.2.

Database sources maintained by local offices were obtained via records requests. Databases were searched for properties with reported environmental listings within radii specified by ASTM Standard Practice E1527-13, either by using geocoding information that identified the coordinates of the properties in the databases or by checking the street addresses of practically reviewable non-geocoded "orphan" properties within the same zip code. The database report is included as an appendix to this Report. The database report may identify certain "orphan sites" which are those facilities that could not be mapped or geocoded due to inadequate address information.

Orphan sites are unmappable sites which appear in a list form in the Radius Map Report rather than on the standard Radius Map. These sites are usually not identified in the Radius Map Report. ENCON cannot be held liable for not correctly locating these orphan sites to determine their impact to the Property.

The ASTM Standard Practice E1527-13 Sections 3.3 and 8.2 uses terminology such as Leaking Storage Tank and Registered Storage Tank to refer to both Leaking Underground/Aboveground Storage Tanks and Underground/Aboveground Storage Tanks. For the purposes of this assessment, ENCON has used state-specific terminology to refer to Leaking Storage Tanks and/or other Registered Storage Tanks as generally defined by the state in which the Property is located.

5.2 PROPERTY LISTING(S)

FEDERAL AGENCY LISTINGS		STATE AGENCY LISTINGS	
DATABASE	**PROPERTY LISTED**	**DATABASE**	**PROPERTY LISTED**
NPL	No	State/Tribal Equivalent NPL	No
De-listed NPL	No	State/Tribal Equivalent CERCLIS	No
CERCLIS	No	State/Tribal SWLF	No
CERCLIS-NFRAP	No	State/Tribal Voluntary Cleanup Sites	No
RCRA-CORRACTS	No	State/Tribal Brownfield Sites	No
RCRA-TSDF	No	State/Tribal Leaking Storage Tank	No
RCRA-Generator	No	State/Tribal SLIC	No
ERNS	No	State/Tribal Registered Storage Tank	No
Federal IC/EC Registries	No	State/Tribal IC/EC Registries	No
Other Federal List	No	Other State List	No

LOCAL ENVIRONMENTAL AGENCY LISTINGS	
AGENCY	**RECORDS ON FILE FOR THE PROPERTY**
State Environmental Agency(ies) with Local/Regional Offices	No
California State Water Resources Control Board (SWRCB) - Geotracker database	No
Los Angeles Regional Water Quality Control Board (LA-RWQCB)	No
Department of Toxic Substance Control Chatsworth Office (DTSC)	No
County/City Environmental Agency(ies)	No
County of Los Angeles Department of Public Works (CLADPW)	No
County of Los Angeles Fire Department / Public Health Investigation (PHi)	No
Air Quality Management District	No
South Coast Air Quality Management District (SCAQMD)	No

5.3 SURROUNDING SITES: FEDERAL AGENCY LISTINGS

FEDERAL AGENCY LISTING(S)		
DATABASE	**MINIMUM SEARCH DISTANCE (MILES)**	**PROPERTIES IDENTIFIED WITHIN SEARCH DISTANCE**
NPL	1.0	1
De-listed NPL	0.5	0
CERCLIS	0.5	1
CERCLIS-NFRAP	0.5	0
RCRA-CORRACTS	1.0	0
RCRA-TSDF	0.5	0
RCRA-Generator	Adjoining Sites	0

NPL (National Priorities List) Facilities:

LISTING	ADDRESS	DISTANCE
San Gabriel Valley (Area 2)	Sunset & San Bernardino	0 – 1/8

Corrective action and monitoring activities with respect to San Gabriel Valley Superfund Site are ongoing under the regulatory oversight. The present use of the Property as a commercial business operation (medical office) is maintained and expected to continue without disturbing underlying groundwater at significant depth. Thus, it is reasonable to assume that marketability of the Property is not affected.

It is ENCON's professional opinion that the existing environmental conditions (groundwater contamination from San Gabriel Valley Superfund Site) would not likely pose a significant environmental risk to the continued future commercial use of the Property.

Existing area-wide groundwater contamination emanating from San Gabriel Valley Superfund Program is not considered a direct threat to the current commercial use of the Property, as complete exposure pathways are not expected such as ingestion, dermal contact or inhalation risk. Occupancy of the Property is expected to remain commercial (medical office building), and ENCON did not identify onsite use/handling of similar chemical substances or hazardous materials, in significant quantity, to existing groundwater contaminants such as chlorinated solvents.

Based on the foregoing, an environmental risk from San Gabriel Valley Superfund Site to the Property is deemed mitigated.

Source: http://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/ViewByEPAID/CAD980818579

CERCLIS (Comprehensive Environmental Response, Compensation & Liability Information System) and CERCLIS-NFRAP (No Further Remedial Action Planned):

LISTING	ADDRESS	DISTANCE
San Gabriel Valley (Area 2)	Sunset & San Bernardino	0 – 1/8

See NPL section above.

5.4 SURROUNDING SITES: STATE AGENCY LISTINGS

STATE ENVIRONMENTAL AGENCY LISTING(S)		
DATABASE	**MINIMUM SEARCH DISTANCE (MILES)**	**PROPERTIES IDENTIFIED WITHIN SEARCH DISTANCE**
State/Tribal Equivalent NPL	1.0	0
State/Tribal Equivalent CERCLIS	0.5	1
State/Tribal SWLF	0.5	0
State/Tribal Leaking Storage Tank	0.5	2
State/Tribal Registered Storage Tank	Adjoining Sites	0
State/Tribal IC/EC Registries	Adjoining Sites	0
State/Tribal Voluntary Cleanup Sites	0.5	0
State/Tribal Brownfield Sites	0.5	0
State/Tribal SLIC (CA only)	0.5	1
Other State List	Adjoining Sites	0

State/Tribal Equivalent CERCLIS - ENVIROSTOR:

LISTING	ADDRESS	DISTANCE
Quality Coatings Co.	14270 Dalewood St.	1/4 – 1/2 W

The ENVIROSTOR site listed above is not assessed to pose a significant risk to the Property based on the horizontal distance from the Property.

State/Tribal LST (Leaking Storage Tank) – LUST (Leaking Underground Storage Tank):

LISTING	ADDRESS	DISTANCE
ARCO	14614 Dalewood St.	0 – 1/8 WSW
H & S Enterprises	1870 Puente Ave.	1/4 – 1/2 WSW

ARCO, 14614 Dalewood Street: This closed LUST case site is located immediately west of the Property. ENCON researched this site via the Geotracker database because of its close proximity to the Property. There are two LUST cases associated with this site. The first LPST case was opened in 1988, and included impacted soil and groundwater. Case closure was granted in 1997. The second LPST case was opened in 2001 and included impacted soil and groundwater. Case closure was granted in 2004,

indicating that identified contamination was mitigated to a degree that the applicable governing agency no longer believed this site posed an apparent threat to the subsurface environment of the surrounding vicinity. As such, this LPST site case is not assessed to pose a current risk of adverse environmental impact to the Property.

Source: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703910

The LUST sites listed above are not assessed to pose a significant risk to the Property based on their respective horizontal distances from the Property and/or regulatory status (closed).

State/Tribal List – SLIC (Spills, Leaks, Investigations, and Cleanups):

LISTING	ADDRESS	DISTANCE
Quality Coatings Co.	14270 Dalewood Street	1/4 – 1/2 W

Quality Coatings Co. – 14270 Dalewood Street:

Quality Coatings Co. is located approximately 0.3 miles west of the Property and it is listed as an open SLIC site since 1989. The release was for volatile organic compounds.

The SLIC site listed above is not assessed to pose a significant risk to the Property based on the respective horizontal distance from the Property

Source: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL603798910

6.0 USER PROVIDED INFORMATION

6.1 USER PROVIDED INFORMATION

The United States Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI) and ASTM Standard Practice E1527-13 Phase I Standards require that the Report User conduct independent research and consider certain information before purchasing a property.

The purpose of this section is to describe tasks to be performed by the *User*. The "All Appropriate Inquiries" Final Rule (40 CFR Part 312) requires that these tasks be performed by or on behalf of a party seeking to qualify for an *landowner liability protections (LLP)* to CERCLA liability. While such information is not required to be provided to the *environmental professional*, the *environmental professional* shall request that the *User* provide the results of these tasks as such information can assist the *environmental professional* in identifying Recognized Environmental Conditions.

Per ASTM Standard Practice E1527-13, the "*User*" is defined as follows:

> *User—the party seeking to use Practice E 1527-13 to complete an environmental site assessment of the property. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager.*

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the *User* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The *User* should provide the following information to the *environmental professional*. Failure to conduct these inquiries could result in a determination that "*all appropriate inquiries*" is not complete.

USER/CUSTOMER QUESTIONNAIRE	
QUESTION	**USER/CUSTOMER TO ANSWER**
(1.) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25). *Reasonably Ascertainable Title and Judicial Records for Environmental Liens and Activity and Use Limitations*. Are you aware of any environmental cleanup liens against the *Property* that are filed or recorded under federal, tribal, state or local law?	The *User* has not informed ENCON of any knowledge of cleanup liens filed or recorded against the Property. An environmental cleanup lien/AUL search is not required from ENCON as part of this Phase I ESA.

(2.) Activity and land use limitations (AULs) that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26). *Reasonably Ascertainable Title and Judicial Records for Environmental Liens and Activity and Use Limitations*. Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?	The *User* has not informed ENCON of any knowledge of activity or land use limitations associated with the Property. An environmental cleanup lien/AUL search is not required from ENCON as part of this Phase I ESA.
(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28). As the *User* of this *ESA* do you have any specialized knowledge or experience related to the *Property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *Property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?	The *User* has not informed ENCON of any specialized knowledge or experience related to the Property or nearby properties.
(4.) Relationship of the purchase price to the fair market value of the *Property* if it were not contaminated (40 CFR 312.29). Does the purchase price being paid for this *Property* reasonably reflect the fair market value of the *Property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *Property*?	The *User* has not informed ENCON of any information pertaining to the purchase price with respect to the fair market value of the Property.
(5.) Commonly known or *reasonably ascertainable* information about the *Property* (40 CFR 312.30). Are you aware of commonly known or *reasonably ascertainable* information about the *Property* that would help the *Environmental Professional (EP)* to identify conditions indicative of releases or threatened releases? For example, as *User*, (a.) Do you know the past uses of the *Property*? (b.) Do you know of specific chemicals that are present or once were present at the *Property*? (c.) Do you know of spills or other chemical releases that have taken place at the *Property*? (d.) Do you know of any environmental cleanups that have taken place at the *Property*?	The *User* has not informed ENCON of any commonly known or reasonably ascertainable information about the Property that would identify conditions indicative of releases or threatened releases, other than as described in Section 6.3 (Interviews), if applicable.

(6.) The degree of obviousness of the presence of likely presence of contamination at the *Property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31). As the *User* of this *ESA*, based on your knowledge and experience related to the *Property* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *Property*?	The *User* has not informed ENCON of any obvious indicators that point to the presence or likely presence of contamination at the Property, other than as described in Section 6.3 (Interviews), if applicable.

6.2 PRELIMINARY TITLE REPORT OR LAND TITLE RECORDS

No Preliminary Title Reports, recorded Land Title Records or Historical Chain of Title were reviewed for this assessment. ENCON's scope of investigation as well as contractual agreement between ENCON and the *Client* does not include obtaining and reviewing a Preliminary Title Reports, recorded Land Title Records or Historical Chain of Title.

6.3 INTERVIEWS

The subject property is currently vacant. ENCON was unable to conduct an interview with the current or previous owner due to the nature of the foreclosed property.

Interview with Others (e.g. Occupants of Nearby Properties)	
	INTERVIEW DETAILS
Name	Ms. Jessica Lee
Business Title	N/A
Address of Business	14624 Dalewood Street
Name of Business	Regency Inn & Suites
Contact Information	(626) 939-4317
Duration of Occupancy / Employment	Since 2010 (Approximately 3 years)
Summary	Ms. Lee stated that the Property was occupied formerly by a restaurant and has been unoccupied since approximately 2005. She indicated that the Regency Inn & Suites was formerly a Howard Johnson Hotel and that the subject property was a former restaurant attached to the Howard Johnson Hotel.

Interview with State and/or Local Government Officials	
	INTERVIEW DETAILS
ASTM Standard Practice E1527-13 Section 10.3 states that questions to be asked pursuant to this section may be asked in person, by telephone, or in writing, in the discretion of the *environmental professional*. See Section 5.2 for summary of regulatory documents requested under the Freedom of Information Act.	
Name	Nancy
Business Title or Relationship to the Property	Construction Clerk of the City of Baldwin Park
Contact Information	(626) 813-5265
Summary	Nancy stated that she had no knowledge of the Property.

7.0 CONCLUSIONS

ENCON Solutions, Inc. (ENCON) performed a Phase I Environmental Site Assessment of the Property in conformance with the scope and limitations of ASTM Standard Practice E1527-13. The ASTM Standard Practice E1527-13 defines a *Recognized Environmental Condition (REC)* as the presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *Property*: (*1*) due to *release* to the *environment*; (*2*) under conditions indicative of a *release* to the *environment*; or (*3*) under conditions that pose a *material threat* of a future *release* to the *environment*. Conditions determined to be *de minimis* generally do not present a threat to human health or the *environment* and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* conditions are not Recognized Environmental Conditions.

A Historical Recognized Environmental Condition (HREC) is *a* past *release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the *Property* and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the *Property* to any required controls (for example, *Property use restrictions*, *activity and use limitations*, *institutional controls*, or *engineering controls*).

A *Controlled Recognized Environmental Condition (CREC)* is a *Recognized Environmental Condition* resulting from a past *release* of *hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls (for example, *Property* use restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*).

Conclusions and Findings

ENCON performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E1527-13 of the Property. This environmental assessment has revealed the following in connection with the Property:

REC identified:	☒ Yes	☐ No
HREC identified	☐ Yes	☒ No
CREC identified:	☐ Yes	☒ No
Significant data gap identified:	☐ Yes	☒ No

The Property is mapped in the area of a National Priorities List (NPL) site, San Gabriel Valley Area 2. The NPL site is an area of regional groundwater impact being mitigated by a groundwater pump and treatment system required following remedial investigation.

The responsible parties (under different Operable Units) have been identified, and consent decree and agreement to conduct corrective action have been reached between the responsible parties and EPA. Federal Superfund Program is considered to have sufficient resources in performing corrective action and site remediation of San Gabriel Valley Superfund Site. Corrective action and monitoring activities with respect to San Gabriel Valley Superfund Site are ongoing under the regulatory oversight. The present use of the Property as a commercial business operation (medical office) is maintained and expected to continue without disturbing underlying groundwater at significant depth.

By definition of ASTM E1527-13, San Gabriel Valley Area 2 Superfund Site is identified a REC in connection with the Property.

8.0 RECOMMENDATIONS AND OPINIONS

ENCON performed a Phase I Environmental Site Assessment of the Property in conformance with the scope and limitations of ASTM Standard Practice E1527-13.

Discussion of environmental risk mitigation

The Property is mapped in the area of a National Priorities List (NPL) site, San Gabriel Valley Area 2. The NPL site is an area of regional groundwater impact being mitigated by a groundwater pump and treatment system required following remedial investigation.

The responsible parties (under different Operable Units) have been identified, and consent decree and agreement to conduct corrective action have been reached between the responsible parties and EPA. Federal Superfund Program is considered to have sufficient resources in performing corrective action and site remediation of San Gabriel Valley Superfund Site.

Source: http://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/ViewByEPAID/CAD980818579

Corrective action and monitoring activities with respect to San Gabriel Valley Superfund Site are ongoing under the regulatory oversight. The present use of the Property as a commercial business operation (medical office) is maintained and expected to continue without disturbing underlying groundwater at significant depth.

It is ENCON's professional opinion that the existing environmental conditions (groundwater contamination from San Gabriel Valley Superfund Site) do not pose a significant environmental risk to the continued commercial use of the Property.

Existing area-wide groundwater contamination emanating from San Gabriel Valley Superfund Program is not considered a direct threat to the current commercial use of the Property, as complete exposure pathways are not expected such as ingestion, dermal contact or inhalation risk. Occupancy of the Property is expected to remain commercial (medical office building), and ENCON did not identify onsite use/handling of similar chemical substances or hazardous materials, in significant quantity, to existing groundwater contaminants such as chlorinated solvents.

Based on the foregoing, an environmental risk from San Gabriel Valley Superfund Site to the Property is deemed mitigated.

This environmental assessment has revealed no other Recognized Environmental Conditions (RECs), Controlled Recognized Environmental Conditions (CRECs), or Historical Recognized Environmental Conditions (HRECs) in connection with the Property. ENCON recommends No Further Action at this time.

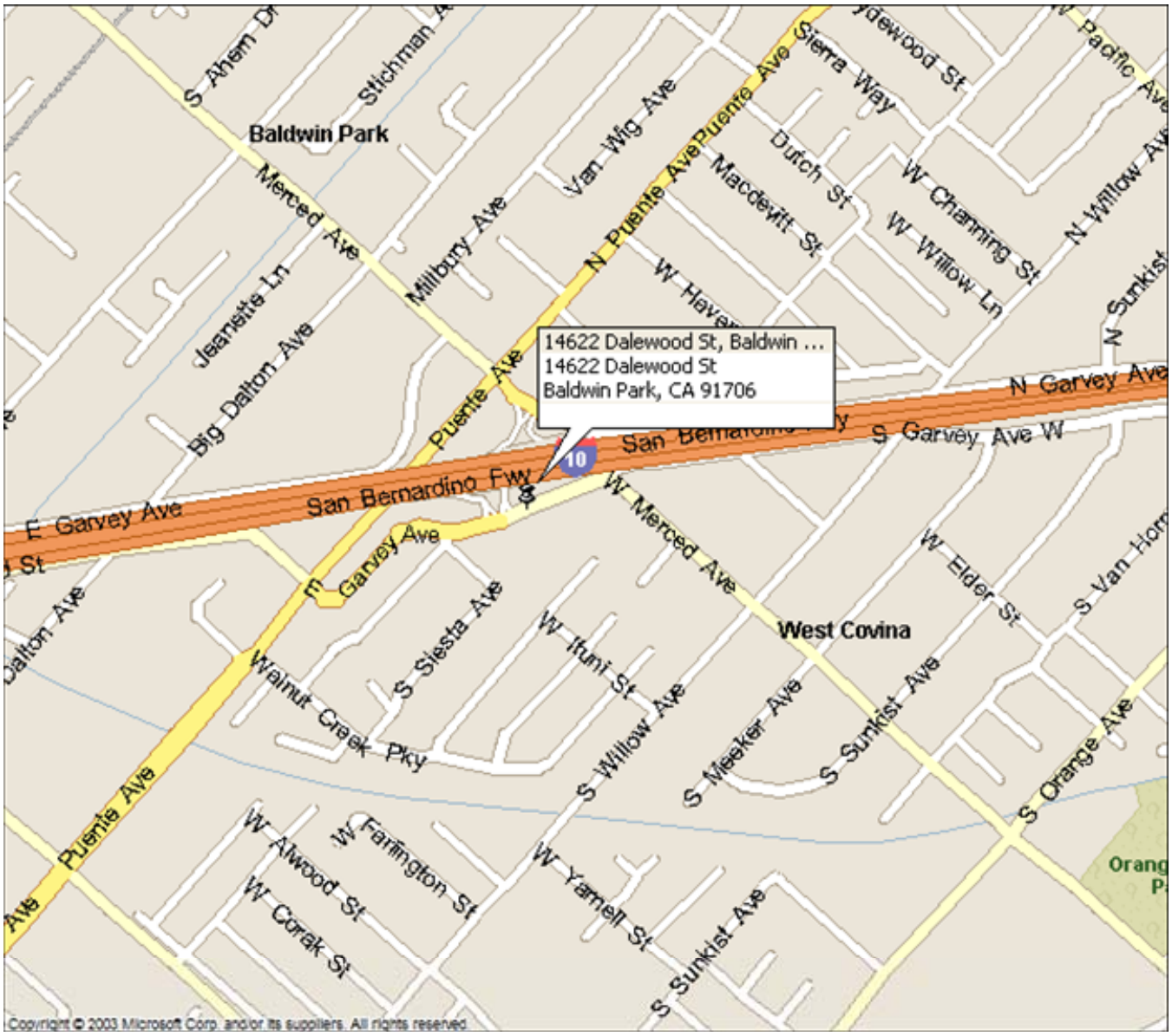
9.0 REFERENCES

During the preparation of this Report, a number of sources were contacted, individuals were interviewed, and various federal, state, county or local municipal agencies were consulted. Documentation applicable to the Property in those departments and agencies was requested and reviewed when and where reasonably ascertainable, as detailed in ASTM Standard Practice E1527-13. Individuals listed without phone numbers were contacted in person or by e-mail. Reference sources for site-specific information, hydrogeologic setting, technical data, historical research data, environmental reports and other records used are identified throughout this Report in corresponding sections. Any additional reference sources not cited in each applicable section of this report, if applicable, are disclosed in this section.

- *ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E1527-13*
- *Current USGS 7.5 Minute Topographic Map*
- *EDR Radius Map Report*
- *EDR Historical City Directories*
- *EDR Historical Sanborn Fire Insurance Maps*
- *Historical Topographic Map Series(USGS 7.5 minute)*
- *Historical Aerial Photos: http://www.historicaerials.com/*
- *Google Earth - http://earth.google.com/*
- *Microsoft Research Maps - http://msrmaps.com/*
- *USGS Professional Paper 1401-C, Geology of the Fresh Ground Water Basin, California (1986)*

- *Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, Community Number 06037C-1337F, dated September 26, 2008*
- *United States Department of Agriculture, Natural Resources Conservation Service, Report and General Soil Map, Los Angeles County, California*
- *United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the Internet*

APPENDIX A
PROPERTY LOCATION MAP / PLOT PLAN



No Scale

FIGURE 1	**Site Location Map**

SITE ADDRESS: 14622 Dalewood Street, Baldwin Park, CA 91706

ENCON Solutions, Inc.
Environmental Consulting & Real Estate Due Diligence

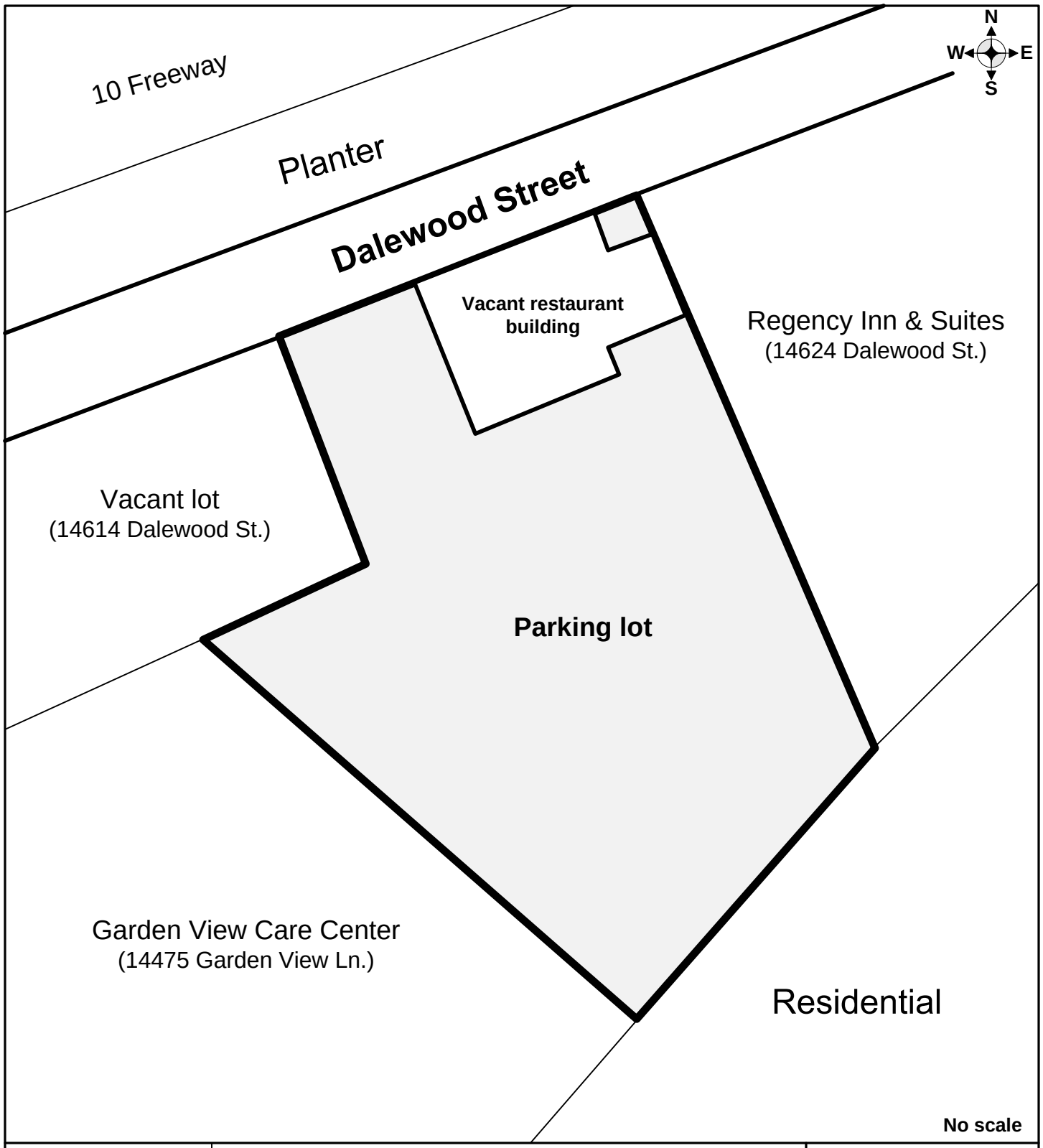
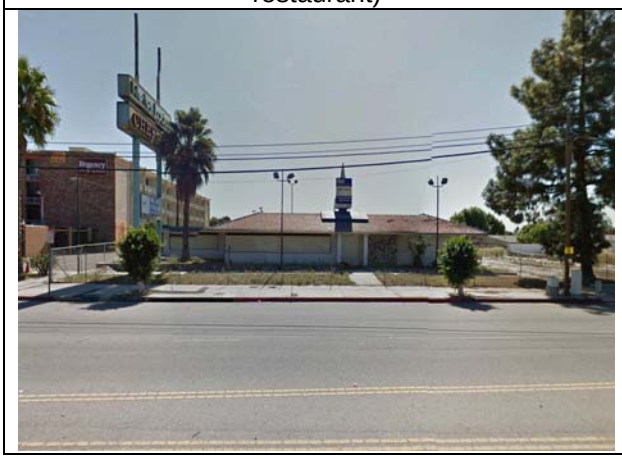
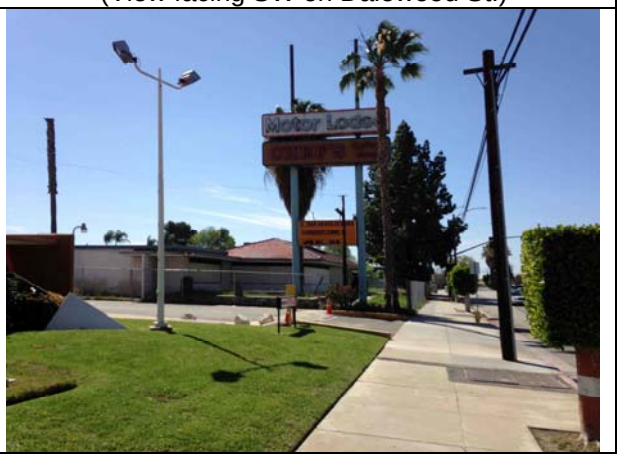


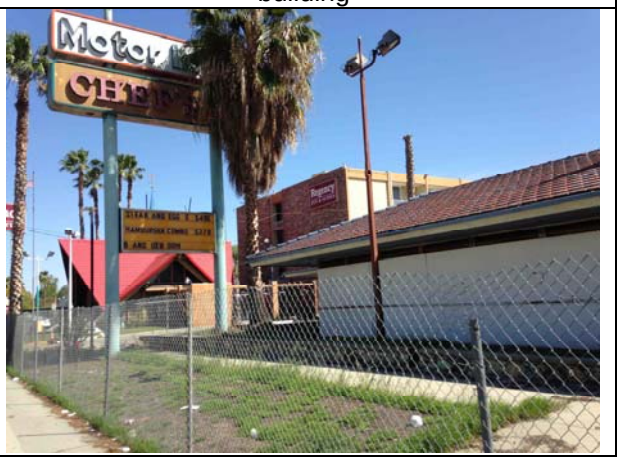
FIGURE 2	**Site Plot Plan**
SITE ADDRESS:	14622 Dalewood Street, Baldwin Park, CA 91706

ENCON Solutions, Inc.
Environmental Consulting & Real Estate Due Diligence

APPENDIX B
PROPERTY & VICINITY PHOTOGRAPHS

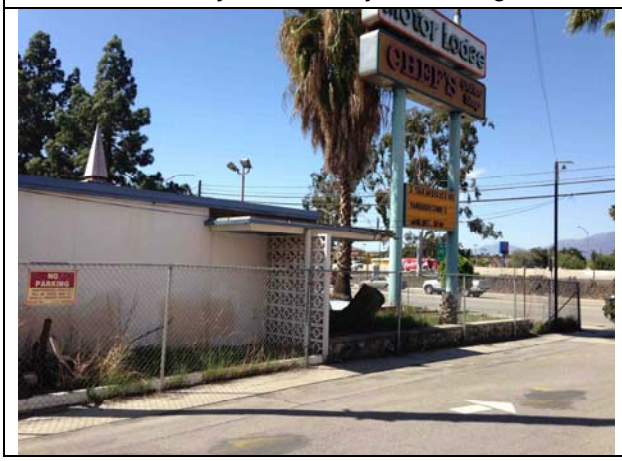
Subject property – Vacant building (former restaurant)	Northerly side of subject building (View facing south on Dalewood St.)
	

Northwestern portion of subject site (View facing SE on Dalewood St.)	Northeastern portion of subject site (View facing SW on Dalewood St.)
	

Northeastern corner of subject building	Closer view of northeastern corner of subject building
	

Alternate view of northeastern corner of building	Front entrance to subject building (Currently vacant and inaccessible)
	

Easterly side of subject building	Northwestern portion of subject property
	

Easterly side of subject building	Alternate view of easterly side of subject building
	

Southerly side of subject building	Central portion of subject property – Parking lot
	

Northwestern entrance / driveway to subject property	Alternate view of northwestern portion of subject site (View facing SE on Dalewood St.)
	

Alternate view of northwestern portion of subject site (View facing SW on Dalewood St.)	Northeastern adjacent property – Dalewood Street followed by a planter area / 10-Freeway
	

Northwestern adjacent property – Dalewood Street followed by a planter area / 10-freeway ramp	Northwestern adjacent property – Vacant lot (14614 Dalewood St.)
	

Eastern adjacent property – Regency Inn & Suites (14624 Dalewood St.)	Western adjacent property – Garden View Care Center (14475 Garden View Ln.)
	

Southern adjacent property – Residential area	Southeastern adjacent property – Residential area
	

APPENDIX C
REGULATORY DATABASE REPORT

1402113ESAI
14622 Dalewood Street
Baldwin Park, CA 91706

Inquiry Number: 3874955.2s
March 07, 2014

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	81
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
Physical Setting Source Records Searched	A-6

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2014 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

14622 DALEWOOD STREET
BALDWIN PARK, CA 91706

COORDINATES

Latitude (North):	34.0697000 - 34° 4' 10.92''
Longitude (West):	117.9598000 - 117° 57' 35.28''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	411433.5
UTM Y (Meters):	3770105.2
Elevation:	352 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	34117-A8 BALDWIN PARK, CA
Most Recent Revision:	1981

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2012
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL---------- Proposed National Priority List Sites

EXECUTIVE SUMMARY

NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ---------- CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US INST CONTROL ---------- Sites with Institutional Controls
LUCIS ---------- Land Use Control Information System

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ---------- State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST ---------- Aboveground Petroleum Storage Tank Facilities
INDIAN UST ---------- Underground Storage Tanks on Indian Land
FEMA UST ---------- Underground Storage Tank Listing

State and tribal voluntary cleanup sites

VCP ---------- Voluntary Cleanup Program Properties

INDIAN VCP	Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS	A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
WMUDS/SWAT	Waste Management Unit Database
SWRCY	Recycler Database
HAULERS	Registered Waste Tire Haulers Listing
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL	Clandestine Drug Labs
HIST Cal-Sites	Historical Calsites Database
SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
CDL	Clandestine Drug Labs
US HIST CDL	National Clandestine Laboratory Register

Local Land Records

LIENS 2	CERCLA Lien Information
LIENS	Environmental Liens Listing
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators
DOT OPS	Incident and Accident Data
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
UMTRA	Uranium Mill Tailings Sites
US MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing

SSTS Section 7 Tracking Systems
ICIS Integrated Compliance Information System
PADS PCB Activity Database System
MLTS Material Licensing Tracking System
RADINFO Radiation Information Database
FINDS Facility Index System/Facility Registry System
RAATS RCRA Administrative Action Tracking System
RMP Risk Management Plans
CA BOND EXP. PLAN Bond Expenditure Plan
UIC UIC Listing
NPDES NPDES Permits Listing
Cortese "Cortese" Hazardous Waste & Substances Sites List
CUPA Listings CUPA Resources List
Notify 65 Proposition 65 Records
LA Co. Site Mitigation Site Mitigation List
DRYCLEANERS Cleaner Facilities
LOS ANGELES CO. HMS HMS: Street Number List
ENF Enforcement Action Listing
HAZNET Facility and Manifest Data
EMI Emissions Inventory Data
INDIAN RESERV Indian Reservations
SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
US AIRS Aerometric Information Retrieval System Facility Subsystem
PRP Potentially Responsible Parties
PROC Certified Processors Database
Financial Assurance Financial Assurance Information Listing
WDS Waste Discharge System
LEAD SMELTERS Lead Smelter Sites
2020 COR ACTION 2020 Corrective Action Program List
EPA WATCH LIST EPA WATCH LIST
US FIN ASSUR Financial Assurance Information
HWP EnviroStor Permitted Facilities Listing
HWT Registered Hazardous Waste Transporter Database
COAL ASH DOE Steam-Electric Plant Operation Data
PCB TRANSFORMER PCB Transformer Registration Database
COAL ASH EPA Coal Combustion Residues Surface Impoundments List
MWMP Medical Waste Management Program Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF Recovered Government Archive Solid Waste Facilities List
RGA LUST Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY (AREA 2)	***SUNSET & SAN BERNARDINO***	***0 - 1/8 (0.000 mi.)***	***0***	***8***

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY (AREA 2)	***SUNSET & SAN BERNARDINO***	***0 - 1/8 (0.000 mi.)***	***0***	***8***

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/10/2013 has revealed that there are 3

RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON STATION 91196	*14477 MERCED AVE*	*N 1/8 - 1/4 (0.182 mi.)*	*D19*	*50*
THE HOME DEPOT NO 6663	*3200 PUENTE AVE*	*N 1/8 - 1/4 (0.230 mi.)*	*24*	*55*
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
CR COOK FORD TRACTOR INC	*14550 E GARVEY*	*NW 1/8 - 1/4 (0.185 mi.)*	*E21*	*52*

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 12/17/2013 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY (AREA 2)	*SUNSET & SAN BERNARDINO*	*0 - 1/8 (0.000 mi.)*	*0*	*8*

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 11/06/2013 has revealed that there are 3 ENVIROSTOR sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
QUALITY COATINGS CO. Status: Refer: EPA	*14270 DALEWOOD*	*W 1/4 - 1/2 (0.294 mi.)*	*30*	*63*
INDUSTRIAL ENAMELING CO Status: Refer: EPA	*1529 VIRGINIA AVE*	*W 1/2 - 1 (0.949 mi.)*	*31*	*65*
R & G INDUSTRIAL ENAMELING INC Status: Refer: EPA	*1350 VINELAND AVE*	*WSW 1/2 - 1 (0.973 mi.)*	*32*	*72*

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 12/16/2013 has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARCO #1609	14614 DALEWOOD ST	WSW 0 - 1/8 (0.037 mi.)	B3	35
ARCO #1609	***14614 DALEWOOD ST***	***WSW 0 - 1/8 (0.037 mi.)***	***B4***	***36***
Status: Completed - Case Closed				
H & S ENTERPRISES	***1870 PUENTE AVE***	***WSW 1/4 - 1/2 (0.258 mi.)***	***G29***	***61***
Status: Completed - Case Closed				

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 12/16/2013 has revealed that there is 1 SLIC site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
QUALITY COATINGS CO.	***14270 DALEWOOD***	***W 1/4 - 1/2 (0.294 mi.)***	***30***	***63***
Facility Status: Open - Site Assessment				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 12/16/2013 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON USA SS 091196	14477 MERCED AVE	N 1/8 - 1/4 (0.182 mi.)	D18	50

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

AOCONCERN: San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

A review of the AOCONCERN list, as provided by EDR, and dated 03/30/2009 has revealed that there is 1

AOCONCERN site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY		NW 0 - 1/8 (0.082 mi.)	0	8

Local Lists of Registered Storage Tanks

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BALDWIN PARK MOVING CENTER	***1889 PUENTE AVE***	***WSW 1/8 - 1/4 (0.250 mi.)***	***G28***	***59***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 5 HIST UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FAROUK A FADEL	14614 DALEWOOD ST	WSW 0 - 1/8 (0.037 mi.)	B5	42
THRIFTY OIL STN. #295	14609 GARVEY AVENUE	N 0 - 1/8 (0.109 mi.)	9	45
94101	3106 PUENTE AVE	N 1/8 - 1/4 (0.150 mi.)	C10	46
UNION OIL SERVICE STATION LEAS	3109 PUENTE AVE	N 1/8 - 1/4 (0.158 mi.)	C14	48
BALDWIN PARK MOVING CENTER	1889 PUENTE AVE	WSW 1/8 - 1/4 (0.250 mi.)	G27	58

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 7 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THRIFTY OIL CO #295	***14609 E GARVEY AVE***	***ENE 0 - 1/8 (0.030 mi.)***	***A2***	***34***
CHEVRON USA SS # 01196	14477 MERCED AVE	N 1/8 - 1/4 (0.182 mi.)	D17	49

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARCO #1609	***14614 DALEWOOD ST***	***WSW 0 - 1/8 (0.037 mi.)***	***B4***	***36***
CHEVRON USA SS 4101	3106 N PUENTE BLVD	N 1/8 - 1/4 (0.152 mi.)	C12	47
UNOCOL CORP	***3109 N PUENTE AVE***	***N 1/8 - 1/4 (0.158 mi.)***	***C13***	***47***
C R COOK TRACTOR	***14550 E GARVEY AVE***	***NW 1/8 - 1/4 (0.185 mi.)***	***E22***	***54***
BALDWIN PARK MOVING CENTER	***1889 PUENTE AVE***	***WSW 1/8 - 1/4 (0.250 mi.)***	***G28***	***59***

Other Ascertainable Records

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN GABRIEL VALLEY (AREA 2)	***SUNSET & SAN BERNARDINO***	***0 - 1/8 (0.000 mi.)***	***0***	***8***

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 HIST CORTESE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARCO #1609	***14614 DALEWOOD ST***	***WSW 0 - 1/8 (0.037 mi.)***	***B4***	***36***
H & S ENTERPRISES	***1870 PUENTE AVE***	***WSW 1/4 - 1/2 (0.258 mi.)***	***G29***	***61***

WIP: Well Investigation Program case in the San Gabriel and San Fernando Valley area.

A review of the WIP list, as provided by EDR, and dated 07/03/2009 has revealed that there are 7 WIP sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PRESTIGE MERCEDES BENZ Facility Status: Historical	14626 DALEWOOD	ENE 0 - 1/8 (0.020 mi.)	A1	34

Lower Elevation	Address	Direction / Distance	Map ID	Page
MEDLOP TRANSMISSION, INC. Facility Status: Historical	***14600 DALEWOOD ST***	***WSW 0 - 1/8 (0.061 mi.)***	***B6***	***43***
MOTEL 6 #1011 Facility Status: Historical	14510 GARVEY AVE	NNW 0 - 1/8 (0.096 mi.)	8	44
J.M.C. AUTOMOTIVE Facility Status: Historical	***14550 GARVEY AVE***	***NW 1/8 - 1/4 (0.185 mi.)***	***E23***	***54***
MORSE MUFFLER SHOP Facility Status: Historical	14365 GARVEY AVE	W 1/8 - 1/4 (0.237 mi.)	F25	57
DREAMLAND TRAILER PARK Facility Status: Historical	14353 E GARVEY AVE	W 1/8 - 1/4 (0.247 mi.)	F26	58
BALDWIN PARK MOVING CENTER Facility Status: Historical	***1889 PUENTE AVE***	***WSW 1/8 - 1/4 (0.250 mi.)***	***G28***	***59***

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 4 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	14477 MERCED AVE	N 1/8 - 1/4 (0.182 mi.)	D16	49

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	14600 DALEWOOD ST	WSW 0 - 1/8 (0.062 mi.)	B7	44
Not reported	1301 S LELAND AVE	SSE 1/8 - 1/4 (0.151 mi.)	11	47
Not reported	14550 GARVEY AVE	NW 1/8 - 1/4 (0.185 mi.)	E20	52

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there is 1 EDR US Hist Cleaners site within approximately 0.25 miles of the target property.

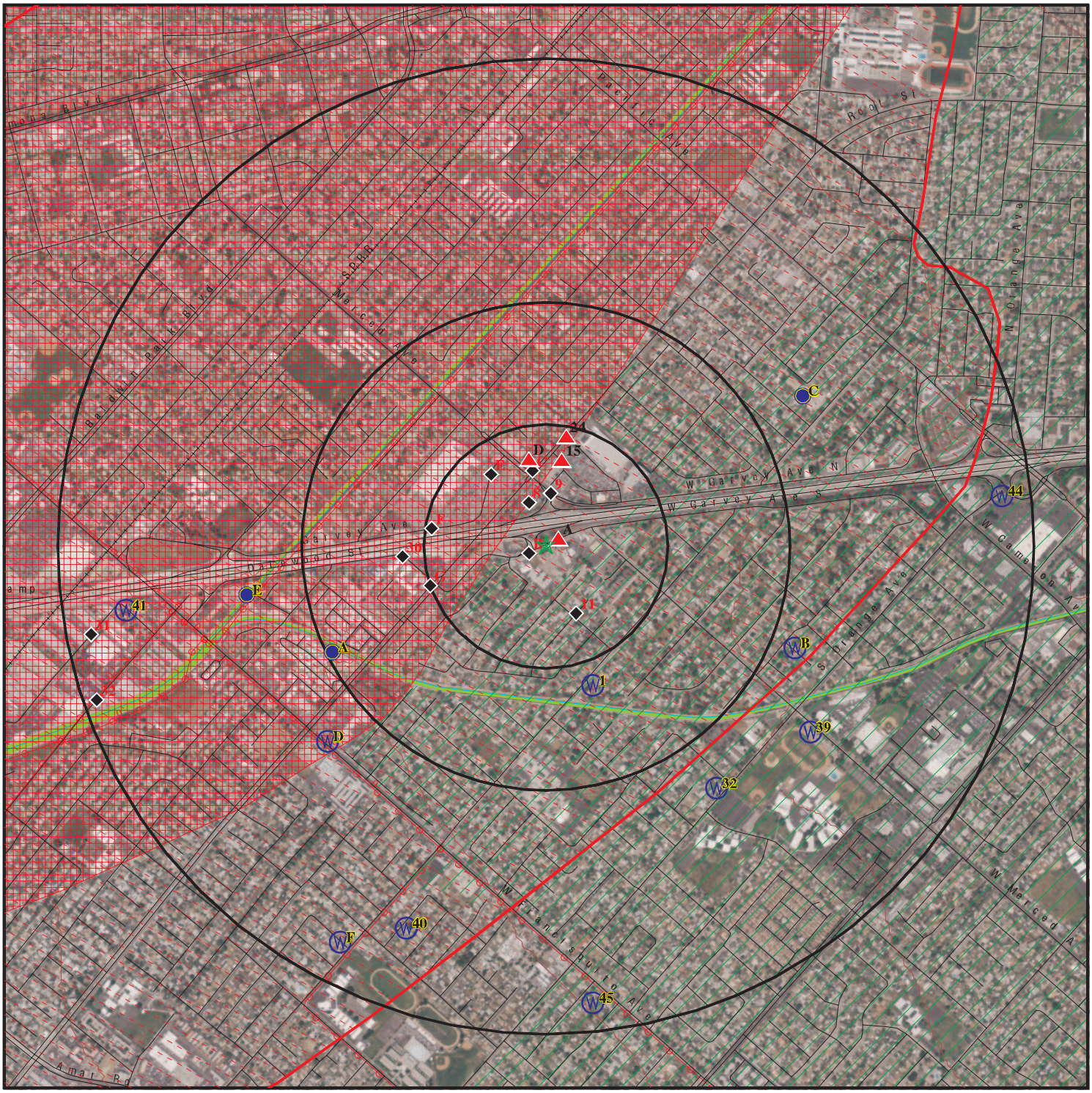
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	14515 BALDWIN PARK TOW	N 1/8 - 1/4 (0.180 mi.)	15	48

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 8 records.

Site Name	Database(s)
HAROLD E. SIMPSON COMPANY	SWF/LF, LDS
BOCK COMPANY	LUST, SWEEPS UST, WIP
GOLDRING DUMP LANDFILL	SWF/LF
C J HAMENING CO	UST
CALIFORNIA TRANSPORTATION	RCRA-SQG, FINDS
PERFORMANCE SHEETS, LL.	RCRA-LQG
SAN GABRIEL GROUND WATER BASIN 2	CA BOND EXP. PLAN
COASTAL ROOFING SUPPLY	WIP

OVERVIEW MAP - 3874955.2s



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1402113ESAI ADDRESS: 14622 Dalewood Street Baldwin Park CA 91706 LAT/LONG: 34.0697 / 117.9598	CLIENT: Encon Solutions CONTACT: Rigo Iglesias INQUIRY #: 3874955.2s DATE: March 07, 2014 8:13 pm

Copyright © 2014 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

DETAIL MAP - 3874955.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Power transmission lines

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1402113ESAI	CLIENT: Encon Solutions
ADDRESS: 14622 Dalewood Street Baldwin Park CA 91706	CONTACT: Rigo Iglesias
LAT/LONG: 34.0697 / 117.9598	INQUIRY #: 3874955.2s DATE: March 07, 2014 8:16 pm

Copyright © 2014 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		1	0	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		1	0	0	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	3	NR	NR	NR	3
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		1	0	0	NR	NR	1
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	1	2	NR	3
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		2	0	1	NR	NR	3

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC	0.500		0	0	1	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	1	NR	NR	NR	1
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
AOCONCERN	1.000		1	0	0	0	NR	1
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		0	1	NR	NR	NR	1
HIST UST	0.250		2	3	NR	NR	NR	5
SWEEPS UST	0.250		2	5	NR	NR	NR	7
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		1	0	0	0	NR	1
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		1	0	1	NR	NR	2
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		3	4	NR	NR	NR	7
LOS ANGELES CO. HMS	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HWT	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		1	3	NR	NR	NR	4
EDR US Hist Cleaners	0.250		0	1	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Areas of Concern
NW
< 1/8
431 ft.

SAN GABRIEL VALLEY
LOS ANGELES (County), CA

AOCONCERN

CCA0000001
N/A

AOCONCERN:
area where VOC contamination is at or above the MCL as designated by region 9 EPA office

---

NPL
Region

< 1/8
1 ft.

SAN GABRIEL VALLEY (AREA 2)
SUNSET & SAN BERNARDINO FREEWAY
BALDWIN PARK, CA 91706

NPL
CERCLIS
US ENG CONTROLS
ROD
FINDS
PRP

1000114961
CAD980818512

NPL:
EPA ID: CAD980818512
EPA Region: 09
Federal: N
Final Date: 1984-05-08 00:00:00

Category Details:
NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-<= 10 Feet
Category Value: 1

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

Site Details:
Site Name: SAN GABRIEL VALLEY (AREA 2)
Site Status: Final
Site Zip: 91706
Site City: BALDWIN PARK
Site State: CA
Federal Site: No
Site County: LOS ANGELES
EPA Region: 09
Date Proposed: 09/08/83
Date Deleted: Not reported
Date Finalized: 05/08/84

Substance Details:
NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U211
Substance: CARBON TETRACHLORIDE
CAS #: 56-23-5
Pathway: GROUND WATER PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

Summary Details:

Conditions at listing September 1983): San Gabriel Valley Area 2) is a ground water plume that parallels the San Gabriel River to the west in the San Gabriel ground water basin in the Baldwin Park area of Los Angeles County, California. The plume is about 7.5 miles long and 1.5 miles wide. Ground water is contaminated with trichloroethylene TCE), perchloroethylene PCE), and carbon tetrachloride, according to analyses by State agencies and local water companies. Many public wells in the area exceed the EPA Suggested No Adverse Response Levels SNARL) for TCE and PCE. Approximately 100,000 people are affected. Cities and public water companies in the area have tested to ensure that their water supplies containless than 5 parts per billion ppb) of TCE, a level considered safe for human consumption. When alternative methods of reducing the TCE level below 5 ppb are not effective, wells are removed from service. Status June 1984): A supplemental sampling program of contaminated wells will begin soon to get a snapshot view of the degree of contamination. The State Department of Health Services and EPA are preparing to initiate a remedial investigation/ feasibility study to determine the aerial and vertical extent of contamination and to develop alternatives for treatment and management of the problem. EPA continues its investigation to identify sources of the contamination. This site, along with the threeother San Gabriel Valley sites, was added to the NPL in May 1984 because it involves a serious problem that required taking immediate remedial action.

Site Status Details:
NPL Status: Final
Proposed Date: 09/08/1983
Final Date: 05/08/1984
Deleted Date: Not reported

Narratives Details:
NPL Name: SAN GABRIEL VALLEY (AREA 2)
City: BALDWIN PARK
State: CA

CERCLIS:
Site ID: 0902092
EPA ID: CAD980818512

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Facility County:	LOS ANGELES
Short Name:	SAN GABRIEL VALLEY (AREA
Congressional District:	32
IFMS ID:	09M5
SMSA Number:	4480
USGC Hydro Unit:	18070106
Federal Facility:	Not a Federal Facility
DMNSN Number:	12.25000
Site Orphan Flag:	N
RCRA ID:	Not reported
USGS Quadrangle:	Not reported
Site Init By Prog:	Not reported
NFRAP Flag:	Not reported
Parent ID:	Not reported
RST Code:	Not reported
EPA Region:	09
Classification:	Groundwater
Site Settings Code:	SU
NPL Status:	Currently on the Final NPL
DMNSN Unit Code:	SQMI
RBRAC Code:	Not reported
RResp Fed Agency Code:	Not reported
Non NPL Status:	Not reported
Non NPL Status Date:	/ /
Site Fips Code:	06037
CC Concurrence Date:	/ /
CC Concurrence FY:	Not reported
Alias EPA ID:	Not reported
Site FUDS Flag:	Not reported

CERCLIS Site Contact Name(s):

Contact ID:	9000127.00000
Contact Name:	Wayne Praskins
Contact Tel:	(415) 972-3181
Contact Title:	Remedial Project Manager (RPM)
Contact Email:	Not reported

Contact ID:	13003854.00000
Contact Name:	Leslie Ramirez
Contact Tel:	(415) 972-3978
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported

Contact ID:	13003858.00000
Contact Name:	Sharon Murray
Contact Tel:	(415) 972-4250
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported

Contact ID:	13004003.00000
Contact Name:	Carl Brickner
Contact Tel:	Not reported
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported

CERCLIS Site Alias Name(s):

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Alias ID: 101
Alias Name: BALDWIN PARK
Alias Address: Not reported
Not reported
Alias ID: 102
Alias Name: SAN GABRIEL VALLEY (AREA 2)
Alias Address: SUNSET & SN BERNARDINO FRWY
BALDWIN PARK, CA 91706
Alias ID: 103
Alias Name: SAN GABRIEL VALLEY (AREA 2)
Alias Address: SUNSET & SAN BERNARDINO FREEWAY
BALDWIN PARK AREA, CA 91706
Alias Comments: Not reported
Site Description: Four areas of groundwater contamination are listed on the National Priorities List: San Gabriel Valley Area 1, San Gabriel Valley Area 2, San Gabriel Valley 3, and San Gabriel Valley 4. The four areas represent a significant portion of the 170 square mile San Gabriel Valley in Los Angeles County, California. More than one million residents live in the San Gabriel Valley alongside a variety of commercial and industrial operations. The San Gabriel Aquifer, which underlies most of the San Gabriel Valley Basin, stores an estimated three trillion gallons of water and is the primary source of water for most of the Basin?s residents. Major surface water features in the San Gabriel Valley include the San Gabriel River, tributaries to the San Gabriel River system, and spreading basins located in or adjacent to the river channels. The approximate location of the San Gabriel Valley Area 2 Site is west of highway 39, south of the San Gabriel Mountains, east of the San Gabriel River, and north of Walnut Creek. Nearly all of the Baldwin Park area is fully developed for residential, commercial, and industrial use. The largest parcels of open land are active and inactive gravel pits and the Santa Fe flood Control Basin. Water purveyors in the site area include: the City of Azusa, California Domestic Water Company, City of Glendora, La Puente Valley County Water District, San Gabriel Valley Water Company, Suburban Water Systems, and Valley County Water District. Volatile Organic Compounds (VOCs), major contaminants of concern at the San Gabriel Valley Sites, were used in large quantities at industrial facilities as early as the 1940?s. From the 1940?s through the 1980?s, carbon tetrachloride, tetrachloroethane, thrichlorethene, and other chlorinated solvents were used by hundreds of businesses for degreasing, as raw materials for automotive products, by a solvent recycler, for chemical extractions , and for other purposes. VOCs have been released by a combination of intentional disposal, careless handling during loading and unloading, leaking tanks and pipes, and other means. VOCs were not detected in ground water until 1979 during environmental monitoring activities conducted by Aerojet Electrosystems near its facility in Azusa. In May 1984, EPA listed four areas of contamination were listed as San Gabriel Valley Area 1 through 4. EPA began its enforcement efforts in the site area in 1985 with searches for and evaluations of historical Federal, State, and local records on chemical usage, handling, and disposal. In 1985, the California Regional Water Quality Board began its Well Investigation Program (WIP) to identify the sources of ground water contamination detected in water supply wells. In 1989, EPA entered into a cooperative agreement to expand the WIP program to determine the nature and extent of contamination in the San Gabriel Valley. The RI/FS for the Baldwin Park OU was conducted concurrently with source identification efforts, as a fund-lead project. In March 1994, the Record of Decision (ROD) document was signed.

CERCLIS Assessment History:

Action Code: 001

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Action:	DISCOVERY
Date Started:	/ /
Date Completed:	04/01/80
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	State, No Fund Money
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	ISSUE REQUEST LETTERS (104E)
Date Started:	/ /
Date Completed:	08/01/83
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	SITE INSPECTION
Date Started:	03/01/83
Date Completed:	09/01/83
Priority Level:	Higher priority for further assessment
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	PRELIMINARY ASSESSMENT
Date Started:	/ /
Date Completed:	09/01/83
Priority Level:	Higher priority for further assessment
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	HAZARD RANKING SYSTEM PACKAGE
Date Started:	/ /
Date Completed:	09/01/83

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 09/08/83
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: ISSUE REQUEST LETTERS (104E)
Date Started: / /
Date Completed: 01/01/84
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: COMMUNITY INVOLVEMENT
Date Started: 05/01/84
Date Completed: 05/01/84
Priority Level: Not reported
Operable Unit: BALDWIN PARK
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started: / /
Date Completed: 05/08/84
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: ISSUE REQUEST LETTERS (104E)
Date Started: / /
Date Completed: 12/30/88
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: Notice Letters Issued
Date Started: / /
Date Completed: 05/07/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007
Action: Notice Letters Issued
Date Started: / /
Date Completed: 06/07/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: ISSUE REQUEST LETTERS (104E)
Date Started: / /
Date Completed: 06/08/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 008
Action: Notice Letters Issued
Date Started: / /
Date Completed: 07/09/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 014
Action: Notice Letters Issued
Date Started: / /
Date Completed: 09/20/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 016
Action: Notice Letters Issued
Date Started: / /
Date Completed: 10/12/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 017
Action: Notice Letters Issued
Date Started: / /
Date Completed: 12/05/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Action Code: 018
Action: Notice Letters Issued
Date Started: / /
Date Completed: 12/06/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 019
Action: Notice Letters Issued
Date Started: / /
Date Completed: 12/07/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Notice Letters Issued
Date Started: / /
Date Completed: 02/07/91
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: Notice Letters Issued
Date Started: / /
Date Completed: 03/06/91
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 009
Action: Notice Letters Issued
Date Started: / /

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Date Completed: 07/09/91
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 015
Action: Notice Letters Issued
Date Started: / /
Date Completed: 09/26/91
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started: / /
Date Completed: 09/30/91
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL ASSESSMENT
Date Started: 12/27/91
Date Completed: 12/27/91
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: RISK/HEALTH ASSESSMENT
Date Started: / /
Date Completed: 09/16/92
Priority Level: Not reported
Operable Unit: BALDWIN PARK

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ECOLOGICAL RISK ASSESSMENT
Date Started: / /
Date Completed: 09/16/92
Priority Level: Not reported
Operable Unit: BALDWIN PARK
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: Special Notice Issued
Date Started: / /
Date Completed: 05/26/93
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 010
Action: Notice Letters Issued
Date Started: / /
Date Completed: 08/04/93
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 013
Action: Notice Letters Issued
Date Started: / /
Date Completed: 08/27/93
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Special Notice Issued
Date Started: / /
Date Completed: 02/03/94
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 08/01/87
Date Completed: 03/31/94
Priority Level: Not reported
Operable Unit: BALDWIN PARK
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 03/31/94
Priority Level: Not reported
Operable Unit: BALDWIN PARK
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started: 09/30/84
Date Completed: 07/01/94
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Action: NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started: 01/30/89
Date Completed: 07/01/94
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 011
Action: Notice Letters Issued
Date Started: / /
Date Completed: 08/09/94
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: Notice Letters Issued
Date Started: / /
Date Completed: 04/13/95
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: Notice Letters Issued
Date Started: / /
Date Completed: 04/20/95
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: Notice Letters Issued
Date Started: / /
Date Completed: 05/05/95
Priority Level: Not reported

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 012
Action: Notice Letters Issued
Date Started: / /
Date Completed: 08/18/95
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 05/13/96
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 05/15/97
Date Completed: 06/30/00
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 06/30/00
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: PROSPECTIVE PURCHASER AGREEMENT ASSESSMENT
Date Started: 06/05/01
Date Completed: 09/25/01
Priority Level: PPA Signed
Operable Unit: BALDWIN PARK
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 09/25/01
Priority Level: Not reported
Operable Unit: BALDWIN PARK
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Lodged By DOJ
Date Started: / /
Date Completed: 04/11/02
Priority Level: Not reported
Operable Unit: BALDWIN PARK
Primary Responsibility: Not reported
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ALTERNATIVE DISPUTE RESOLUTION
Date Started: 07/01/00
Date Completed: 05/31/02
Priority Level: Not reported
Operable Unit: BALDWIN PARK
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Action:	CONSENT DECREE
Date Started:	01/01/02
Date Completed:	08/27/02
Priority Level:	Not reported
Operable Unit:	BALDWIN PARK
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	07/21/00
Date Completed:	09/26/02
Priority Level:	Not reported
Operable Unit:	LPVCWD SUBPROJECT
Primary Responsibility:	Responsible Party
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	003
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	07/21/00
Date Completed:	03/31/03
Priority Level:	Not reported
Operable Unit:	VCWD SUBPROJECT
Primary Responsibility:	Responsible Party
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	004
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	07/21/00
Date Completed:	08/08/03
Priority Level:	Not reported
Operable Unit:	SGVWC B6 SUBPROJECT
Primary Responsibility:	Responsible Party
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started:	09/26/02
Date Completed:	09/30/03

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Priority Level: Interim RA Report
Operable Unit: LPVCWD SUBPROJECT
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 07/21/00
Date Completed: 09/29/04
Priority Level: Not reported
Operable Unit: SGVWC B5 SUBPROJECT
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 03/31/03
Date Completed: 09/30/04
Priority Level: Interim RA Report
Operable Unit: VCWD SUBPROJECT
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Long Term Action
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: CLAIM IN BANKRUPTCY PROCEEDING
Date Started: 03/14/05
Date Completed: 03/14/05
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 08/08/03
Date Completed: 03/31/05
Priority Level: Interim RA Report
Operable Unit: SGVWC B6 SUBPROJECT
Primary Responsibility: Responsible Party

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Planning Status: Primary
Urgency Indicator: Long Term Action
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 010
Action: Lodged By DOJ
Date Started: / /
Date Completed: 09/20/05
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 012
Action: Lodged By DOJ
Date Started: / /
Date Completed: 10/26/05
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 011
Action: Lodged By DOJ
Date Started: / /
Date Completed: 10/26/05
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 013
Action: Lodged By DOJ
Date Started: / /
Date Completed: 10/26/05
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 009
Action: Lodged By DOJ
Date Started: / /
Date Completed: 10/26/05
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 008
Action: Lodged By DOJ
Date Started: / /
Date Completed: 10/26/05
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007
Action: Lodged By DOJ
Date Started: / /
Date Completed: 10/26/05
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: Lodged By DOJ
Date Started: / /
Date Completed: 10/26/05
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Action Code:	001
Action:	SETTLEMENT (GENERIC)
Date Started:	/ /
Date Completed:	11/01/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	005
Action:	CONSENT DECREE
Date Started:	09/28/05
Date Completed:	12/12/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	006
Action:	CONSENT DECREE
Date Started:	09/28/05
Date Completed:	12/13/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	CONSENT DECREE
Date Started:	09/28/05
Date Completed:	12/13/05
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	003
Action:	CONSENT DECREE
Date Started:	09/28/05

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Date Completed: 12/13/05
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: CONSENT DECREE
Date Started: 09/28/05
Date Completed: 12/13/05
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007
Action: CONSENT DECREE
Date Started: 09/28/05
Date Completed: 12/14/05
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 008
Action: CONSENT DECREE
Date Started: 09/28/05
Date Completed: 12/16/05
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 09/29/04
Date Completed: 09/28/06
Priority Level: Interim RA Report
Operable Unit: SGVWC B5 SUBPROJECT

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 009
Action: CONSENT DECREE
Date Started: 03/26/07
Date Completed: 03/26/07
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 014
Action: Lodged By DOJ
Date Started: / /
Date Completed: 06/21/07
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FIVE-YEAR REVIEW
Date Started: 05/01/07
Date Completed: 09/27/07
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: FIVE-YEAR REVIEW
Date Started: / /
Date Completed: 09/24/12
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 07/21/00
Date Completed: / /
Priority Level: Not reported
Operable Unit: BALDWIN PARK
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Other Start and Completion Anomaly

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 09/26/02
Date Completed: / /
Priority Level: Not reported
Operable Unit: BALDWIN PARK
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Other Start and Completion Anomaly

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY LONG-TERM RESPONSE ACTION
Date Started: 09/30/03
Date Completed: / /
Priority Level: Not reported
Operable Unit: BALDWIN PARK
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: OPERATIONS AND MAINTENANCE
Date Started: 09/30/03
Date Completed: / /
Priority Level: Not reported
Operable Unit: BALDWIN PARK
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: OPERATIONS AND MAINTENANCE
Date Started: 09/30/03

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Date Completed: / /
Priority Level: Not reported
Operable Unit: LPVCWD SUBPROJECT
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: OPERATIONS AND MAINTENANCE
Date Started: 09/30/04
Date Completed: / /
Priority Level: Not reported
Operable Unit: VCWD SUBPROJECT
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: OPERATIONS AND MAINTENANCE
Date Started: 03/31/05
Date Completed: / /
Priority Level: Not reported
Operable Unit: SGVWC B6 SUBPROJECT
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: OPERATIONS AND MAINTENANCE
Date Started: 09/28/06
Date Completed: / /
Priority Level: Not reported
Operable Unit: SGVWC B5 SUBPROJECT
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Federal Register Details:
Fed Register Date: 05/08/84
Fed Register Volume: 49
Page Number: 19480

Fed Register Date: 09/08/83
Fed Register Volume: 48

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

Page Number: 40674

Click this hyperlink while viewing on your computer to access
1492 additional US CERCLIS Financial: record(s) in the EDR Site Report.

US ENG CONTROLS:

EPA ID: CAD980818512
Site ID: 0902092
Name: SAN GABRIEL VALLEY (AREA 2)
Address: SUNSET & SAN BERNARDINO FREEWAY
BALDWIN PARK, CA 91706
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: 03/31/1994

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 03/31/1994
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Air Stripping

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 03/31/1994
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Discharge

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 03/31/1994
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Liquid Phase Carbon Adsorption

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 03/31/1994
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Monitoring

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 03/31/1994
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Pump And Treat

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

FINDS:

Registry ID: 110009267916

Environmental Interest/Information System
CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

PRP:
PRP name:
A & J SYSTEMS
A&E PLASTICS CO.
A-1 ORNAMENTAL IRON
ACORN ENGINEERING CO.
ACROMIL
ADAMS AND COLTRIN, INC.
ADAMS CAMPBELL CO., LTD.
ADVANCED HEAT TECHNOLOGY CORP.
AEROJET ELECTROSYSTEMS
AEROJET ELECTROSYSTEMS
AEROJET-GENERAL CORP.
AEROJET-GENERAL CORP.
AEROJET-GENERAL CORP.
AEROSOL SERVICES COMPANY
AIR DISTRIBUTION PRODUCTS, INC.
ALLEGIANCE HEALTHCARE CORPORATION
ALLEGIANCE HEALTHCARE CORPORATION
ALLFAST FASTENING SYSTEMS, INC.
ALLIED PHOTO PRODUCTS INC.
ALLSTATE INSURANCE CO.
AMERICAN SHEDS INC.
ARCADIA MACHINE AND TOOL
AREMAC ASSOCIATES
AREMAC HEAT TREATING,INC.
ARMY CORPS OF ENGINEERS
ARTHUR B. SCHULTZ AND JOSEPH POLTORAK
ARTISTIC POLISHING AND PLATING
ASSOCIATED ASPHALT PAVING MATERIALS
ASTRO SEAL, INC.
ASTRO SEAL, INC.
ASTRONAUTIC ENAMELERS
AZUSA GAS SYSTEMS
AZUSA LAND RECLAMATION
AZUSA LAND RECLAMATION
AZUSA PIPE AND TUBE BENDING
AZUSA PIPE AND TUBE BENDING
AZUSA ROCK INC.
B&B RED-I-MIX-CONCRETE INC.
BALL-ICON, BALL GLASS DIV.
BAXTER HEALTHCARE CORPORATION
BDP CO.
BENCHMARK HOLDING GROUP

SAN GABRIEL VALLEY (AREA 2) (Continued) **1000114961**

BENCHMARK TECHNOLOGY
BIRTCHER
BRENT FAMILY TRUST
BROWN JORDEN CO.
C&H DISTRIBUTING
CAL MAT CO.
CALIFORNIA HYDROFORMING CO., INC.
CALIFORNIA STEEL AND TUBE
CALTRANS
CARDINAL INDUSTRIES FINISHERS
CHAMPION PARTS, INC.
CHARLES HOFGAARDEN
CHEM ARROW CORPORATION
CHEMICAL WASTE MANAGEMENT
CHEMLAWN SERVICE CORP.
CHEVRON CORPORATION
CHEVRON USA, INC.
CLAUDEAN MULLINS KAWIE

Click this hyperlink while viewing on your computer to access
193 additional PRP: record(s) in the EDR Site Report.

A1 **PRESTIGE MERCEDES BENZ** **WIP** **S106767021**
ENE **14626 DALEWOOD** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.020 mi.
103 ft. **Site 1 of 2 in cluster A**

Relative:
Higher

Actual:
352 ft.

WIP:

Region:	4
File Number:	108.1230
File Status:	**Historical**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

A2 **THRIFTY OIL CO #295** **SWEEPS UST** **S102062985**
ENE **14609 E GARVEY AVE** **LOS ANGELES CO. HMS** **N/A**
< 1/8 **BALDWIN PARK, CA**
0.030 mi.
161 ft. **Site 2 of 2 in cluster A**

Relative:
Higher

Actual:
353 ft.

SWEEPS UST:

Status:	Active
Comp Number:	11039
Number:	9
Board Of Equalization:	Not reported
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	Not reported
Actv Date:	Not reported
Capacity:	Not reported
Tank Use:	Not reported
Stg:	Not reported

THRIFTY OIL CO #295 (Continued) **S102062985**

Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Region: LA
Facility Id: 011047-011039
Facility Type: T0
Facility Status: Removed
Area: 3X
Permit Number: 00002521T
Permit Status: Removed

B3 **ARCO #1609** **LUST** **S101295585**
WSW **14614 DALEWOOD ST** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.037 mi.
196 ft. **Site 1 of 5 in cluster B**

Relative:
Lower

Actual:
349 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	I-12059A	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		No Action Required
Global ID:	T0603703910	
W Global ID:	Not reported	
Staff:	NC	
Local Agency:	19000	
Cross Street:	PUENTE	
Enforcement Type:	CLOS	
Date Leak Discovered:	7/31/2000	
Date Leak First Reported:		8/23/2000
Date Leak Record Entered:	5/25/1988	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	3/10/1988	
Date Case Last Changed on Database:		8/16/2002
Date the Case was Closed:		3/30/2004
How Leak Discovered:	Tank Test	
How Leak Stopped:	Not reported	
Cause of Leak:	Other Cause	
Leak Source:	Other Source	
Operator:	BUNDANG, EDUARDO	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		2143.47908634078330972293054 5
Source of Cleanup Funding:		Other Source
Preliminary Site Assessment Workplan Submitted:		12/10/2001
Preliminary Site Assessment Began:		8/29/2002
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported

ARCO #1609 (Continued) **S101295585**

Enforcement Action Date:	Not reported
Historical Max MTBE Date:	7/25/2002
Hist Max MTBE Conc in Groundwater:	4.5
Hist Max MTBE Conc in Soil:	.0034
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	ND
Soil Qualifier:	ND
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	GORDON TERHUNE
RP Address:	4 CENTERPOINTE DR. LPR4-171
Program:	LUST
Lat/Long:	34.0694655 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	FOUND ONE VENT LINE NOT HOLDING PRESSURE. REPAIRED PROBLEM, INSTALLED OVERFILL VALVES, NEW RED JACKET SUB PUMP AND CONTAMINANT FILL BOXES. NO SIGNIFICANT LOSS OF PRODUCT DUE TO PROBLEM AT VENT. RETESTED 3/16/88 - TIGHT.

B4 **ARCO #1609** **HIST CORTESE** **S103631134**
WSW **14614 DALEWOOD ST** **LUST** **N/A**
< 1/8 **BALDWIN PARK, CA 91706** **SWEEPS UST**
0.037 mi.
196 ft. **Site 2 of 5 in cluster B**

Relative:
Lower

Actual:
349 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	I-12059

LUST:

Region:	STATE
Global Id:	T0603703910
Latitude:	34.0694655
Longitude:	-117.9604227
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	03/30/2004
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	NC
Local Agency:	LOS ANGELES COUNTY
RB Case Number:	I-12059A
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603703910

ARCO #1609 (Continued) **S103631134**

Contact Type: Regional Board Caseworker
Contact Name: NOMAN CHOWDHURY
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 WEST 4TH STREET, SUITE 200
City: LOS ANGELES
Email: nchowdhury@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603703910
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Status History:
Global Id: T0603703910
Status: Open - Case Begin Date
Status Date: 03/10/1988

Global Id: T0603703910
Status: Open - Site Assessment
Status Date: 01/17/1992

Global Id: T0603703910
Status: Completed - Case Closed
Status Date: 01/28/1997

Global Id: T0603703910
Status: Open - Reopen Case
Status Date: 08/16/2001

Global Id: T0603703910
Status: Open - Site Assessment
Status Date: 12/10/2001

Global Id: T0603703910
Status: Open - Site Assessment
Status Date: 08/29/2002

Global Id: T0603703910
Status: Completed - Case Closed
Status Date: 03/30/2004

Regulatory Activities:
Global Id: T0603703910
Action Type: RESPONSE
Date: 08/30/2002
Action: Soil and Water Investigation Report

Global Id: T0603703910
Action Type: RESPONSE
Date: 10/11/2002
Action: Monitoring Report - Quarterly

ARCO #1609 (Continued) **S103631134**

Global Id: T0603703910
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0603703910
Action Type: REMEDIATION
Date: 01/01/1950
Action: Excavation

Global Id: T0603703910
Action Type: ENFORCEMENT
Date: 05/21/2002
Action: Staff Letter

Global Id: T0603703910
Action Type: ENFORCEMENT
Date: 12/10/2001
Action: Staff Letter

Global Id: T0603703910
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0603703910
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603703910
Action Type: RESPONSE
Date: 05/30/2004
Action: Unknown

Global Id: T0603703910
Action Type: ENFORCEMENT
Date: 07/31/2002
Action: Staff Letter

Global Id: T0603703910
Action Type: ENFORCEMENT
Date: 03/30/2004
Action: Closure/No Further Action Letter

Global Id: T0603703910
Action Type: ENFORCEMENT
Date: 04/16/2002
Action: Technical Correspondence / Assistance / Other

Global Id: T0603703910
Action Type: ENFORCEMENT
Date: 05/07/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0603703910
Action Type: ENFORCEMENT

ARCO #1609 (Continued) **S103631134**

Date: 03/15/2004
Action: Notification - Preclosure

Global Id: T0603703910
Action Type: RESPONSE
Date: 03/30/2004
Action: Other Report / Document

Global Id: T0603703910
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603703910
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603703910
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603703910
Action Type: ENFORCEMENT
Date: 03/09/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0603703910
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

SWEEPS UST:
Status: Active
Comp Number: 12059
Number: 1
Board Of Equalization: 44-000506
Referral Date: 02-05-92
Action Date: 02-05-92
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-012059-000001
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: 10

Status: Active
Comp Number: 12059
Number: 1
Board Of Equalization: 44-000506
Referral Date: 02-05-92

ARCO #1609 (Continued) **S103631134**

Action Date: 02-05-92
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-012059-000002
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 12059
Number: 1
Board Of Equalization: 44-000506
Referral Date: 02-05-92
Action Date: 02-05-92
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-012059-000003
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 12059
Number: 1
Board Of Equalization: 44-000506
Referral Date: 02-05-92
Action Date: 02-05-92
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-012059-000004
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 12059
Number: 1
Board Of Equalization: 44-000506
Referral Date: 02-05-92
Action Date: 02-05-92
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-012059-000005
Actv Date: 06-30-89

ARCO #1609 (Continued) **S103631134**

Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 12059
Number: 1
Board Of Equalization: 44-000506
Referral Date: 02-05-92
Action Date: 02-05-92
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: 6
Swrcb Tank Id: 19-000-012059-000006
Actv Date: 02-05-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 12059
Number: 1
Board Of Equalization: 44-000506
Referral Date: 02-05-92
Action Date: 02-05-92
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: 7
Swrcb Tank Id: 19-000-012059-000007
Actv Date: 02-05-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 12059
Number: 1
Board Of Equalization: 44-000506
Referral Date: 02-05-92
Action Date: 02-05-92
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: 8
Swrcb Tank Id: 19-000-012059-000008
Actv Date: 02-05-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

ARCO #1609 (Continued) **S103631134**

Status:	Active
Comp Number:	12059
Number:	1
Board Of Equalization:	44-000506
Referral Date:	02-05-92
Action Date:	02-05-92
Created Date:	06-30-89
Tank Status:	A
Owner Tank Id:	9
Swrcb Tank Id:	19-000-012059-000009
Actv Date:	02-05-92
Capacity:	1000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	12059
Number:	1
Board Of Equalization:	44-000506
Referral Date:	02-05-92
Action Date:	02-05-92
Created Date:	06-30-89
Tank Status:	A
Owner Tank Id:	10
Swrcb Tank Id:	19-000-012059-000010
Actv Date:	02-05-92
Capacity:	550
Tank Use:	OIL
Stg:	W
Content:	Not reported
Number Of Tanks:	Not reported

B5 **FAROUK A FADEL** **HIST UST** **U001568750**
WSW **14614 DALEWOOD ST** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.037 mi.
196 ft. **Site 3 of 5 in cluster B**

Relative:
Lower

Actual:
349 ft.

HIST UST:

Region:	STATE
Facility ID:	00000026590
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0005
Contact Name:	Not reported
Telephone:	0000000000
Owner Name:	ARCO PETROLEUM PRODUCTS CO.
Owner Address:	515 SOUTH FLOWER STREET
Owner City,St,Zip:	LOS ANGELES, CA 90071

Tank Num:	001
Container Num:	0000000001
Year Installed:	1964
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	06

FAROUK A FADEL (Continued) **U001568750**

Tank Construction: 0000167 inches
Leak Detection: Stock Inventor, 10

Tank Num: 002
Container Num: 0000000002
Year Installed: 1964
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: 0000167 inches
Leak Detection: Stock Inventor, 10

Tank Num: 003
Container Num: 0000000003
Year Installed: 1964
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: 0000167 inches
Leak Detection: Stock Inventor, 10

Tank Num: 004
Container Num: 0000000004
Year Installed: 1974
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: 06
Tank Construction: 0000240 inches
Leak Detection: Stock Inventor, 10

Tank Num: 005
Container Num: 0000000005
Year Installed: 1964
Tank Capacity: 00000250
Tank Used for: PRODUCT
Type of Fuel: WASTE OIL
Tank Construction: 0000093 inches
Leak Detection: Stock Inventor

B6 **MEDLOP TRANSMISSION, INC.** **WIP** **S103963987**
WSW **14600 DALEWOOD ST** **HAULERS** **N/A**
< 1/8 **BALDWIN PARK, CA 91706**
0.061 mi.
322 ft. **Site 4 of 5 in cluster B**

Relative:
Lower

Actual:
347 ft.

WIP:
Region: 4
File Number: 108.1229
File Status: **Historical**
Staff: UNIDENTIFIED
Facility Suite: Not reported

HAULERS:
Facility ID: 1545796
Facility Phone: (626) 869-1212
Business Email Address: Not reported
Contact Person: Able Medellian

MEDLOP TRANSMISSION, INC. (Continued) **S103963987**

Mailing Address: 14600 Dalewood St
Mailing City: Baldwin Park
Mailing State: CA
Mailing Zip: 91706
Mailing County: Los Angeles
Mailing Phone: (626) 869-1212
Current Role: Generator, Hauler
Current Role Status: Yes, Registered
Waste Tire Permit Summary: No Permit record for this business.

B7
WSW
< 1/8
0.062 mi.
329 ft.

Relative:
Lower

Actual:
347 ft.

14600 DALEWOOD ST
BALDWIN PARK, CA 91706

Site 5 of 5 in cluster B

EDR US Hist Auto Stat **1015231688**
N/A

EDR Historical Auto Stations:

Name: FALLUCCA DAVE AUTOMOTIVE
Year: 1999
Address: 14600 DALEWOOD ST

Name: DAVE FALLUCCAS AUTOMOTIVE
Year: 2001
Address: 14600 DALEWOOD ST

Name: ABELS TRANSMISSION INC
Year: 2004
Address: 14600 DALEWOOD ST

Name: ABELS TRANSMISSIONS
Year: 2010
Address: 14600 DALEWOOD ST

Name: ABELS TRANSMISSION & AUTO REPAIR
Year: 2011
Address: 14600 DALEWOOD ST

Name: MEDLOP TRANSMISSIONS INC
Year: 2012
Address: 14600 DALEWOOD ST

8
NNW
< 1/8
0.096 mi.
507 ft.

Relative:
Lower

Actual:
344 ft.

MOTEL 6 #1011
14510 GARVEY AVE
BALDWIN PARK, CA

WIP **S102827637**
N/A

WIP:
Region: 4
File Number: 108.7183
File Status: Historical
Staff: DRASMUSS
Facility Suite: Not reported

9
North
< 1/8
0.109 mi.
576 ft.

THRIFTY OIL STN. #295
14609 GARVEY AVENUE
BALDWIN PARK, CA 91706

HIST UST **U001568820**
N/A

Relative:
Lower

Actual:
350 ft.

HIST UST:

Region:	STATE
Facility ID:	00000005529
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0004
Contact Name:	Not reported
Telephone:	2139239876
Owner Name:	THRIFTY OIL CO.
Owner Address:	10000 LAKEWOOD BLVD.
Owner City,St,Zip:	DOWNEY, CA 90240

Tank Num:	001
Container Num:	2951
Year Installed:	Not reported
Tank Capacity:	00009943
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	2952
Year Installed:	Not reported
Tank Capacity:	00008139
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor

Tank Num:	003
Container Num:	2953
Year Installed:	Not reported
Tank Capacity:	00008139
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Tank Construction:	1/4 inches
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	29510
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	12 gauge
Leak Detection:	Stock Inventor

C10 **94101** **HIST UST** **U001568714**
North **3106 PUENTE AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.150 mi.
794 ft. **Site 1 of 4 in cluster C**

Relative:
Lower

Actual:
351 ft.

HIST UST:

Region:	STATE
Facility ID:	00000062565
Facility Type:	Gas Station
Other Type:	Not reported
Total Tanks:	0004
Contact Name:	BAIRD, ORA F.
Telephone:	8189603045
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105
Tank Num:	001
Container Num:	1
Year Installed:	1973
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	0000250 unknown
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1973
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	0000250 unknown
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1973
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Tank Construction:	0000250 unknown
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	4
Year Installed:	1973
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Tank Construction:	0000130 unknown
Leak Detection:	Stock Inventor

11
SSE
1/8-1/4
0.151 mi.
796 ft.

1301 S LELAND AVE
WEST COVINA, CA 91790

EDR US Hist Auto Stat **1015202120**
N/A

Relative:
Lower

Actual:
350 ft.

EDR Historical Auto Stations:

Name:	A & A MOBILE WASH
Year:	2001
Address:	1301 S LELAND AVE
Name:	A & A MOBILE WASH
Year:	2002
Address:	1301 S LELAND AVE

C12
North
1/8-1/4
0.152 mi.
801 ft.

CHEVRON USA SS 4101
3106 N PUENTE BLVD
BALDWIN PARK, CA

Site 2 of 4 in cluster C

SWEEPS UST **S106924409**
N/A

Relative:
Lower

Actual:
350 ft.

SWEEPS UST:

Status:	Active
Comp Number:	9577
Number:	9
Board Of Equalization:	Not reported
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	Not reported
Actv Date:	Not reported
Capacity:	Not reported
Tank Use:	Not reported
Stg:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

C13
North
1/8-1/4
0.158 mi.
834 ft.

UNOCOL CORP
3109 N PUENTE AVE
BALDWIN PARK, CA

Site 3 of 4 in cluster C

SWEEPS UST **S102059161**
LOS ANGELES CO. HMS **N/A**

Relative:
Lower

Actual:
351 ft.

SWEEPS UST:

Status:	Active
Comp Number:	9960
Number:	9
Board Of Equalization:	Not reported
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Tank Status:	Not reported
Owner Tank Id:	Not reported
Swrcb Tank Id:	Not reported
Actv Date:	Not reported
Capacity:	Not reported

UNOCOL CORP (Continued) **S102059161**

Tank Use: Not reported
Stg: Not reported
Content: Not reported
Number Of Tanks: Not reported

LOS ANGELES CO. HMS:
Region: LA
Facility Id: 010095-009960
Facility Type: T0
Facility Status: Removed
Area: 3X
Permit Number: 00001376T
Permit Status: Removed

C14 **UNION OIL SERVICE STATION LEAS** **HIST UST** **U001568822**
North **3109 PUENTE AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.158 mi.
834 ft. **Site 4 of 4 in cluster C**

Relative:
Lower

Actual:
351 ft.

HIST UST:
Region: STATE
Facility ID: 00000055440
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0001
Contact Name: ALFREDO DREYFUS
Telephone: 8183370021
Owner Name: UNION OIL COMPANY OF CALIFORNI
Owner Address: 3701 WILSHIRE BOULEVARD-SUITE
Owner City,St,Zip: LOS ANGELES, CA 90010

Tank Num: 001
Container Num: 5231-00
Year Installed: Not reported
Tank Capacity: 00000607
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: None

---

15 **EDR US Hist Cleaners** **1014994347**
North **14515 BALDWIN PARK TOWNE CTR** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.180 mi.
951 ft.

Relative:
Higher

Actual:
354 ft.

EDR Historical Cleaners:
Name: V I P CLEANERS
Year: 1999
Address: 14515 BALDWIN PARK TOWNE CTR

Name: VIP CLEANERS
Year: 2003
Address: 14515 BALDWIN PARK TOWNE CTR

(Continued) **1014994347**

Name: VIP CLEANERS
Year: 2004
Address: 14515 BALDWIN PARK TOWNE CTR

D16 **EDR US Hist Auto Stat** **1015229676**
North **14477 MERCED AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.182 mi.
963 ft. **Site 1 of 4 in cluster D**

Relative:
Higher

Actual:
352 ft.

EDR Historical Auto Stations:

Name: BALDWIN PARK CHEVRON
Year: 1999
Address: 14477 MERCED AVE

Name: BALDWIN PARK CHEVRON
Year: 2001
Address: 14477 MERCED AVE

Name: BALDWIN PARK CHEVRON
Year: 2002
Address: 14477 MERCED AVE

Name: CHEVRON
Year: 2003
Address: 14477 MERCED AVE

Name: CHEVRON
Year: 2007
Address: 14477 MERCED AVE

D17 **CHEVRON USA SS # 01196** **SWEEPS UST** **S103630832**
North **14477 MERCED AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA**
0.182 mi.
963 ft. **Site 2 of 4 in cluster D**

Relative:
Higher

Actual:
352 ft.

SWEEPS UST:

Status: Active
Comp Number: 13389
Number: 9
Board Of Equalization: 44-010152
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-013389-000001
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: 3

Status: Active

CHEVRON USA SS # 01196 (Continued) **S103630832**

Comp Number: 13389
Number: 9
Board Of Equalization: 44-010152
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-013389-000002
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 13389
Number: 9
Board Of Equalization: 44-010152
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-013389-000003
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

D18 **CHEVRON USA SS 091196** **UST** **U004049136**
North **14477 MERCED AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.182 mi.
963 ft. **Site 3 of 4 in cluster D**

Relative:
Higher

Actual:
352 ft.

UST:
Facility ID: 13389
Latitude: 34.07204
Longitude: -117.96064
Permitting Agency LOS ANGELES COUNTY

D19 **CHEVRON STATION 91196** **RCRA-SQG** **1000686382**
North **14477 MERCED AVE** **FINDS** **CAD983636655**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.182 mi.
963 ft. **Site 4 of 4 in cluster D**

Relative:
Higher

Actual:
352 ft.

RCRA-SQG:
Date form received by agency: 05/05/1992
Facility name: CHEVRON STATION 91196
Facility address: 14477 MERCED AVE
BALDWIN PARK, CA 91706

CHEVRON STATION 91196 (Continued) **1000686382**

EPA ID: CAD983636655
Mailing address: MERCED AVE
BALDWIN PARK, CA 91706
Contact: ORA BAIRD
Contact address: 14477 MERCED AVE
BALDWIN PARK, CA 91706
Contact country: US
Contact telephone: (818) 960-9927
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: CHEVRON U S A PRODUCTS CO
Owner/operator address: P O BOX 2833
LA HABRA, CA 90632
Owner/operator country: Not reported
Owner/operator telephone: (310) 694-7452
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002876567

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

CHEVRON STATION 91196 (Continued) **1000686382**

corrective action activities required under RCRA.

E20 **EDR US Hist Auto Stat** **1015231006**
NW **14550 GARVEY AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.185 mi.
978 ft. **Site 1 of 4 in cluster E**

Relative:
Lower

Actual:
351 ft.

EDR Historical Auto Stations:

Name:	JMC AUTOMOTIVE THE ULTIMATE SHOP
Year:	2007
Address:	14550 GARVEY AVE
Name:	JMC AUTOMOTIVE THE ULTIMATE SHOP
Year:	2008
Address:	14550 GARVEY AVE
Name:	JMC AUTOMOTIVE
Year:	2009
Address:	14550 GARVEY AVE
Name:	JMC AUTOMOTIVE
Year:	2010
Address:	14550 GARVEY AVE
Name:	JMC AUTOMOTIVE
Year:	2011
Address:	14550 GARVEY AVE
Name:	JMC AUTOMOTIVE
Year:	2012
Address:	14550 GARVEY AVE

E21 **CR COOK FORD TRACTOR INC** **RCRA-SQG** **1000180086**
NW **14550 E GARVEY** **FINDS** **CAD981441280**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.185 mi.
978 ft. **Site 2 of 4 in cluster E**

Relative:
Lower

Actual:
351 ft.

RCRA-SQG:

Date form received by agency:	04/09/1986
Facility name:	CR COOK FORD TRACTOR INC
Facility address:	14550 E GARVEY BALDWIN PARK, CA 91706
EPA ID:	CAD981441280
Mailing address:	E GARVEY BALDWIN PARK, CA 91706
Contact:	ENVIRONMENTAL MANAGER
Contact address:	14550 E GARVEY BALDWIN PARK, CA 91706
Contact country:	US
Contact telephone:	(818) 962-2486
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator

CR COOK FORD TRACTOR INC (Continued) **1000180086**

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	CR COOK FORD TRACTOR
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

FINDS:

Registry ID: 110002706475

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

E22
NW
1/8-1/4
0.185 mi.
978 ft.

C R COOK TRACTOR
14550 E GARVEY AVE
BALDWIN PARK, CA

SWEEPS UST **S102062970**
LOS ANGELES CO. HMS **N/A**

Site 3 of 4 in cluster E

Relative:
Lower

Actual:
351 ft.

SWEEPS UST:

Status:	Active
Comp Number:	12786
Number:	9
Board Of Equalization:	44-009914
Referral Date:	06-30-89
Action Date:	Not reported
Created Date:	06-30-89
Tank Status:	A
Owner Tank Id:	Not reported
Swrcb Tank Id:	19-000-012786-000001
Actv Date:	06-30-89
Capacity:	Not reported
Tank Use:	UNKNOWN
Stg:	W
Content:	Not reported
Number Of Tanks:	1

LOS ANGELES CO. HMS:

Region:	LA
Facility Id:	012619-012786
Facility Type:	Not reported
Facility Status:	Removed
Area:	3X
Permit Number:	Not reported
Permit Status:	Not reported

E23
NW
1/8-1/4
0.185 mi.
978 ft.

J.M.C. AUTOMOTIVE
14550 GARVEY AVE
BALDWIN PARK, CA 91706

WIP **S106767063**
HAULERS **N/A**

Site 4 of 4 in cluster E

Relative:
Lower

Actual:
351 ft.

WIP:

Region:	4
File Number:	108.1291
File Status:	**Historical**
Staff:	ESOLOMON
Facility Suite:	Not reported

HAULERS:

Facility ID:	1635618
Facility Phone:	(626) 814-1046
Business Email Address:	L.chavar@lasp.org
Contact Person:	Joe Chavarin, J.M.C. Automotive
Mailing Address:	14550 Garvey Ave
Mailing City:	Baldwin Park
Mailing State:	CA
Mailing Zip:	91706
Mailing County:	Los Angeles
Mailing Phone:	(626) 814-1046
Current Role:	Generator, Hauler, End Use
Current Role Status:	Yes, Registered, Yes

J.M.C. AUTOMOTIVE (Continued) **S106767063**

Waste Tire Permit Summary: No Permit record for this business.

24
North
1/8-1/4
0.230 mi.
1212 ft.

THE HOME DEPOT NO 6663 **RCRA-SQG** **1001959847**
3200 PUENTE AVE **FINDS** **CAR000065326**
BALDWIN PARK, CA

Relative:
Higher

Actual:
355 ft.

RCRA-SQG:

Date form received by agency:	06/15/2005
Facility name:	HOME DEPOT USA INC HD 6663
Facility address:	3200 PUENTE AVENUE BALDWIN PARK, CA 91706
EPA ID:	CAR000065326
Mailing address:	1905 ASTON AVE STE 100 CARLSBAD, CA 92008
Contact:	ROBERT PERKINS
Contact address:	1905 ASTON AVE STE 100 CARLSBAD, CA 92008
Contact country:	US
Contact telephone:	760-602-8700
Contact email:	RPERKINS@3ECOMPANY.COM
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	HOME DEPOT USA
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	12/09/1999
Owner/Op end date:	Not reported

Owner/operator name:	HOME DEPOT USA
Owner/operator address:	2455 PACES FERRY RD ATLANTA, GA 30339
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	12/09/1999
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No

THE HOME DEPOT NO 6663 (Continued) **1001959847**

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/31/2000
Facility name: HOME DEPOT USA INC HD 6663
Site name: THE HOME DEPOT NO 6663
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D009
Waste name: MERCURY

Waste code: D016
Waste name: 2,4-D

Waste code: D018
Waste name: BENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED

THE HOME DEPOT NO 6663 (Continued) **1001959847**

SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110002932408

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

F25 **MORSE MUFFLER SHOP** **WIP** **S106767062**
West **14365 GARVEY AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.237 mi.
1250 ft. **Site 1 of 2 in cluster F**

Relative:
Lower

Actual:
347 ft.

WIP:
Region: 4
File Number: 108.1290
File Status: **Historical**
Staff: RASTON
Facility Suite: Not reported

F26 **DREAMLAND TRAILER PARK** **WIP** **S106767061**
West **14353 E GARVEY AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.247 mi.
1305 ft. **Site 2 of 2 in cluster F**

Relative:
Lower

Actual:
347 ft.

WIP:
Region: 4
File Number: 108.1289
File Status: Historical
Staff: RASTON
Facility Suite: Not reported

G27 **BALDWIN PARK MOVING CENTER** **HIST UST** **U001568727**
WSW **1889 PUENTE AVE** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706**
0.250 mi.
1320 ft. **Site 1 of 3 in cluster G**

Relative:
Lower

Actual:
346 ft.

HIST UST:
Region: STATE
Facility ID: 00000003548
Facility Type: Other
Other Type: Not reported
Total Tanks: 0004
Contact Name: Not reported
Telephone: 2139605160
Owner Name: U-HAUL CO
Owner Address: 657 S ATLANTIC
Owner City,St,Zip: EAST LOS ANGELES, CA 90022

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor, None

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: 10 gauge
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor, None

Tank Num: 004
Container Num: 4

BALDWIN PARK MOVING CENTER (Continued) **U001568727**

Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: 1/4 inches
Leak Detection: Stock Inventor

G28 **BALDWIN PARK MOVING CENTER** **CA FID UST** **S101618734**
WSW **1889 PUENTE AVE** **SWEEPS UST** **N/A**
1/8-1/4 **BALDWIN PARK, CA 91706** **WIP**
0.250 mi.
1320 ft. **Site 2 of 3 in cluster G**

Relative:
Lower

Actual:
346 ft.

CA FID UST:
Facility ID: 19022985
Regulated By: UTNKA
Regulated ID: 00003548
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8180000000
Mail To: Not reported
Mailing Address: 1889 PUENTE AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: BALDWIN PARK
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Active
Comp Number: 12240
Number: 9
Board Of Equalization: 44-009661
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-012240-000001
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: 4

Status: Active
Comp Number: 12240
Number: 9
Board Of Equalization: 44-009661
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89

BALDWIN PARK MOVING CENTER (Continued) **S101618734**

Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-012240-000002
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 12240
Number: 9
Board Of Equalization: 44-009661
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-012240-000003
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 12240
Number: 9
Board Of Equalization: 44-009661
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 19-000-012240-000004
Actv Date: 06-30-89
Capacity: Not reported
Tank Use: UNKNOWN
Stg: W
Content: Not reported
Number Of Tanks: Not reported

WIP:
Region: 4
File Number: 108.1445
File Status: Historical
Staff: UNIDENTIFIED
Facility Suite: Not reported

G29 **H & S ENTERPRISES** **HIST CORTESE** **S102435949**
WSW **1870 PUENTE AVE** **LUST** **N/A**
1/4-1/2 **BALDWIN PARK, CA 91706** **WIP**
0.258 mi.
1364 ft. **Site 3 of 3 in cluster G**

Relative:
Lower

Actual:
346 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	I-12658

LUST:

Region:	STATE
Global Id:	T0603703991
Latitude:	34.068131
Longitude:	-117.963649
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/24/1996
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	YR
Local Agency:	LOS ANGELES COUNTY
RB Case Number:	I-12658
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603703991
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0603703991
Contact Type:	Local Agency Caseworker
Contact Name:	JOHN AWUJO
Organization Name:	LOS ANGELES COUNTY
Address:	900 S FREMONT AVE
City:	ALHAMBRA
Email:	jawujo@dpw.lacounty.gov
Phone Number:	6264583507

Status History:

Global Id:	T0603703991
Status:	Open - Case Begin Date
Status Date:	09/02/1986

Global Id:	T0603703991
Status:	Open - Site Assessment
Status Date:	02/24/1989

H & S ENTERPRISES (Continued) **S102435949**

Global Id: T0603703991
Status: Completed - Case Closed
Status Date: 09/24/1996

Regulatory Activities:
Global Id: T0603703991
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0603703991
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	I-12658	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603703991	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19000	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	9/2/1986	
Date Leak First Reported:		9/2/1986
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		5/14/1993
Date the Case was Closed:		9/24/1996
How Leak Discovered:	Tank Test	
How Leak Stopped:	Not reported	
Cause of Leak:	Structure Failure	
Leak Source:	Tank	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		929.38760571034381920813683 07
Source of Cleanup Funding:		Tank
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		2/24/1989
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported

H & S ENTERPRISES (Continued) **S102435949**

Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: TEXACO REFINING & MARKETING CO
RP Address: 10 UNIVERSAL CITY PLAZA, UNIVERSAL CITY CA 91608
Program: LUST
Lat/Long: 34.0680526 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

WIP:
Region: 4
File Number: 108.1444
File Status: Historical
Staff: WLIU
Facility Suite: Not reported

---

30 West 1/4-1/2 0.294 mi. 1554 ft.

Relative: Lower

Actual: 345 ft.

QUALITY COATINGS CO. **SLIC S106484711**
14270 DALEWOOD **WIP N/A**
BALDWIN PARK, CA 91706 **ENVIROSTOR**

SLIC:
Region: STATE
Facility Status: Open - Site Assessment
Status Date: 09/29/1989
Global Id: SL603798910
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.069155
Longitude: -117.96642
Case Type: Cleanup Program Site
Case Worker: GJH
Local Agency: Not reported
RB Case Number: 108.1226
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:
Region: 4
File Number: 108.1226
File Status: Backlog

QUALITY COATINGS CO. (Continued) **S106484711**

Staff: UNIDENTIFIED
Facility Suite: Not reported

ENVIROSTOR:
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0
NPL: NO
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress
Facility ID: 60001690
Site Code: Not reported
Assembly: 57
Senate: 24
Special Program: Not reported
Status: Refer: EPA
Status Date: 09/30/1998
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: EPA Grant
Latitude: 34.06948
Longitude: -117.9652
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: Tetrachloroethylene (PCE, Trichloroethylene (TCE
Confirmed COC: Tetrachloroethylene (PCE, Trichloroethylene (TCE,
Tetrachloroethylene (PCE, Trichloroethylene (TCE
Potential Description: NONE SPECIFIED
Alias Name: 60001690
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Site Screening
Schedule Due Date: 09/30/1998
Schedule Revised Date: Not reported

31
West
1/2-1
0.949 mi.
5010 ft.

Relative:
Lower

Actual:
333 ft.

INDUSTRIAL ENAMELING CO
1529 VIRGINIA AVE
BALDWIN PARK, CA 91706

RCRA-SQG
FINDS
SLIC
WIP
HAZNET
EMI
ENVIROSTOR

1000428493
CAD981992308

RCRA-SQG:

Date form received by agency:	02/17/1987
Facility name:	INDUSTRIAL ENAMELING CO
Facility address:	1529 VIRGINIA AVE BALDWIN PARK, CA 91706
EPA ID:	CAD981992308
Contact:	ENVIRONMENTAL MANAGER
Contact address:	1529 VIRGINIA AVE BALDWIN PARK, CA 91706
Contact country:	US
Contact telephone:	(818) 337-4511
Contact email:	Not reported
EPA Region:	09
Land type:	Other land type
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	JOSEPH ORTEGA
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No

INDUSTRIAL ENAMELING CO (Continued) **1000428493**

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 11/27/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

FINDS:

Registry ID: 110002769353

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

SLIC:
Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 09/29/1989
Global Id: SL603798543
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.064483
Longitude: -117.977926
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 102.6797
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply

INDUSTRIAL ENAMELING CO (Continued) **1000428493**

Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:
Region: 4
File Number: 102.6797
File Status: Active
Staff: ACASTANE
Facility Suite: Not reported

HAZNET:
Year: 2012
Gepaid: CAD981992308
Contact: CHARLES ORTEGA/VP
Telephone: 6263374511
Mailing Name: Not reported
Mailing Address: 1529 VIRGINIA AVE
Mailing City,St,Zip: BALDWIN PARK, CA 917060000
Gen County: Los Angeles
TSD EPA ID: AZR000501510
TSD County: 99
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.5
Facility County: Los Angeles

Year: 2012
Gepaid: CAD981992308
Contact: CHARLES ORTEGA/VP
Telephone: 6263374511
Mailing Name: Not reported
Mailing Address: 1529 VIRGINIA AVE
Mailing City,St,Zip: BALDWIN PARK, CA 917060000
Gen County: Los Angeles
TSD EPA ID: CAD008488025
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 1.05
Facility County: Los Angeles

Year: 2011
Gepaid: CAD981992308
Contact: CHARLES ORTEGA/VP
Telephone: 6263374511
Mailing Name: Not reported
Mailing Address: 1529 VIRGINIA AVE
Mailing City,St,Zip: BALDWIN PARK, CA 917060000
Gen County: Not reported
TSD EPA ID: AZR000501510
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

INDUSTRIAL ENAMELING CO (Continued) **1000428493**

(H010-H129) Or (H131-H135)
Tons: 0.525
Facility County: Los Angeles

Year: 2011
Gepaid: CAD981992308
Contact: CHARLES ORTEGA/VP
Telephone: 6263374511
Mailing Name: Not reported
Mailing Address: 1529 VIRGINIA AVE
Mailing City,St,Zip: BALDWIN PARK, CA 917060000
Gen County: Not reported
TSD EPA ID: AZR000501510
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.525
Facility County: Los Angeles

Year: 2010
Gepaid: CAD981992308
Contact: CHARLES ORTEGA/VP
Telephone: 6263374511
Mailing Name: Not reported
Mailing Address: 1529 VIRGINIA AVE
Mailing City,St,Zip: BALDWIN PARK, CA 917060000
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.15
Facility County: Los Angeles

Click this hyperlink while viewing on your computer to access
11 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 15649
Air District Name: SC
SIC Code: 2511
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 7
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

INDUSTRIAL ENAMELING CO (Continued) **1000428493**

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	15649
Air District Name:	SC
SIC Code:	2851
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1993
County Code:	19
Air Basin:	SC
Facility ID:	15649
Air District Name:	SC
SIC Code:	2851
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	15649
Air District Name:	SC
SIC Code:	2851
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	15649
Air District Name:	SC
SIC Code:	2851

INDUSTRIAL ENAMELING CO (Continued) **1000428493**

Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	15649
Air District Name:	SC
SIC Code:	2851
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	15649
Air District Name:	SC
SIC Code:	2851
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2000
County Code:	19
Air Basin:	SC
Facility ID:	15649
Air District Name:	SC
SIC Code:	2851
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0

INDUSTRIAL ENAMELING CO (Continued) **1000428493**

NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

Year: 2001
County Code: 19
Air Basin: SC
Facility ID: 15649
Air District Name: SC
SIC Code: 2851
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

ENVIROSTOR:
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0
NPL: NO
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Facility ID: 60001742
Site Code: Not reported
Assembly: 57
Senate: 24
Special Program: Not reported
Status: Refer: EPA
Status Date: 09/30/1998
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: EPA Grant
Latitude: 34.06579
Longitude: -117.9774
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: Tetrachloroethylene (PCE, 1,1-Dichloroethylene
Confirmed COC: Tetrachloroethylene (PCE, 1,1-Dichloroethylene, Tetrachloroethylene (PCE, 1,1-Dichloroethylene
Potential Description: NONE SPECIFIED
Alias Name: 60001742
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported

INDUSTRIAL ENAMELING CO (Continued) **1000428493**

Completed Date:	Not reported
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Site Screening
Schedule Due Date:	09/30/1998
Schedule Revised Date:	Not reported

32
WSW
1/2-1
0.973 mi.
5136 ft.

R & G INDUSTRIAL ENAMELING INC **RCRA-SQG** **1000114853**
1350 VINELAND AVE **WIP** **CAD981577844**
BALDWIN PARK, CA 91706 **HAZNET**
EMI
ENVIROSTOR

Relative:
Lower

Actual:
324 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	R & G INDUSTRIAL ENAMELING INC
Facility address:	1350 VINELAND AVE BALDWIN PARK, CA 91706
EPA ID:	CAD981577844
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	LUIS R GOMEZ & VICTOR RODRIQUEZ
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported
Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Private
Owner/Operator Type:	Operator

R & G INDUSTRIAL ENAMELING INC (Continued) **1000114853**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 11/03/1986
Facility name: R & G INDUSTRIAL ENAMELING INC
Classification: Large Quantity Generator

Violation Status: No violations found

WIP:
Region: 4
File Number: 108.0312
File Status: Not reported
Staff: EN
Facility Suite: Not reported

HAZNET:
Year: 2009
Gepaid: CAD981577844
Contact: LUIS GOMEZ/MANAGER
Telephone: 9097280055
Mailing Name: Not reported
Mailing Address: 1350 VINELAND AVE
Mailing City,St,Zip: BALDWIN PARK, CA 917060000
Gen County: Not reported
TSD EPA ID: AZR000501510
TSD County: Not reported
Waste Category: Off-specification, aged or surplus inorganics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1251
Facility County: Los Angeles

Year: 2009
Gepaid: CAD981577844
Contact: LUIS GOMEZ/MANAGER
Telephone: 9097280055
Mailing Name: Not reported

R & G INDUSTRIAL ENAMELING INC (Continued) **1000114853**

Mailing Address: 1350 VINELAND AVE
Mailing City,St,Zip: BALDWIN PARK, CA 917060000
Gen County: Not reported
TSD EPA ID: AZR000501510
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05
Facility County: Los Angeles

Year: 2009
Gepaid: CAD981577844
Contact: LUIS GOMEZ/MANAGER
Telephone: 9097280055
Mailing Name: Not reported
Mailing Address: 1350 VINELAND AVE
Mailing City,St,Zip: BALDWIN PARK, CA 917060000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 1.188
Facility County: Los Angeles

Year: 2009
Gepaid: CAD981577844
Contact: LUIS GOMEZ/MANAGER
Telephone: 9097280055
Mailing Name: Not reported
Mailing Address: 1350 VINELAND AVE
Mailing City,St,Zip: BALDWIN PARK, CA 917060000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.1251
Facility County: Los Angeles

Year: 2009
Gepaid: CAD981577844
Contact: LUIS GOMEZ/MANAGER
Telephone: 9097280055
Mailing Name: Not reported
Mailing Address: 1350 VINELAND AVE
Mailing City,St,Zip: BALDWIN PARK, CA 917060000
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Liquids with cyanides >= 1,000 Mg./L
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.9174
Facility County: Los Angeles

R & G INDUSTRIAL ENAMELING INC (Continued) **1000114853**

Click this hyperlink while viewing on your computer to access
14 additional CA_HAZNET: record(s) in the EDR Site Report.

EMI:

Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	50378
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	20
Reactive Organic Gases Tons/Yr:	17
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	50378
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	55
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	50378
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	14
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1996
County Code:	19

R & G INDUSTRIAL ENAMELING INC (Continued) **1000114853**

Air Basin:	SC
Facility ID:	50378
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	50378
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	50378
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	50378
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported

R & G INDUSTRIAL ENAMELING INC (Continued) **1000114853**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2000
County Code:	19
Air Basin:	SC
Facility ID:	50378
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2001
County Code:	19
Air Basin:	SC
Facility ID:	50378
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0

Year:	2002
County Code:	19
Air Basin:	SC
Facility ID:	50378
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

R & G INDUSTRIAL ENAMELING INC (Continued) **1000114853**

Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2003
County Code:	19
Air Basin:	SC
Facility ID:	50378
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0
Year:	2004
County Code:	19
Air Basin:	SC
Facility ID:	50378
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.816646
Reactive Organic Gases Tons/Yr:	2.6
Carbon Monoxide Emissions Tons/Yr:	0.0149
NOX - Oxides of Nitrogen Tons/Yr:	0.0553
SOX - Oxides of Sulphur Tons/Yr:	0.000353
Particulate Matter Tons/Yr:	0.22235
Part. Matter 10 Micrometers & Smllr Tons/Yr:	0.15
Year:	2005
County Code:	19
Air Basin:	SC
Facility ID:	50378
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.36093
Reactive Organic Gases Tons/Yr:	2.913399096
Carbon Monoxide Emissions Tons/Yr:	.0142
NOX - Oxides of Nitrogen Tons/Yr:	.0527
SOX - Oxides of Sulphur Tons/Yr:	.00024
Particulate Matter Tons/Yr:	.256215
Part. Matter 10 Micrometers & Smllr Tons/Yr:	.246088
Year:	2006
County Code:	19
Air Basin:	SC

R & G INDUSTRIAL ENAMELING INC (Continued) **1000114853**

Facility ID:	50378
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.560310150439934769
Reactive Organic Gases Tons/Yr:	2.999
Carbon Monoxide Emissions Tons/Yr:	.01
NOX - Oxides of Nitrogen Tons/Yr:	.039
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.297
Part. Matter 10 Micrometers & Smllr Tons/Yr:	.2852

Year:	2007
County Code:	19
Air Basin:	SC
Facility ID:	50378
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.560310150439934769
Reactive Organic Gases Tons/Yr:	2.999
Carbon Monoxide Emissions Tons/Yr:	.01
NOX - Oxides of Nitrogen Tons/Yr:	.039
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.297
Part. Matter 10 Micrometers & Smllr Tons/Yr:	.2852

ENVIROSTOR:

Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0
NPL:	NO
Regulatory Agencies:	US EPA
Lead Agency:	US EPA
Program Manager:	Not reported
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Facility ID:	60001689
Site Code:	Not reported
Assembly:	57
Senate:	24
Special Program:	Not reported
Status:	Refer: EPA
Status Date:	09/30/1998
Restricted Use:	NO
Site Mgmt. Req.:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	34.06577
Longitude:	-117.9751
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	Tetrachloroethylene (PCE, Trichloroethylene (TCE
Confirmed COC:	Tetrachloroethylene (PCE, Trichloroethylene (TCE,

R & G INDUSTRIAL ENAMELING INC (Continued) **1000114853**

Tetrachloroethylene (PCE, Trichloroethylene (TCE
Potential Description: NONE SPECIFIED
Alias Name: 60001689
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Site Screening
Schedule Due Date: 09/30/1998
Schedule Revised Date: Not reported

Count: 8 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BALDWIN PARK	1004678355	CALIFORNIA TRANSPORTATION	RT 605 KM POST 32.7 33.2	91706	RCRA-SQG, FINDS
BALDWIN PARK	S100833442	SAN GABRIEL GROUND WATER BASIN 2	BALDWIN PARK AREA	91706	CA BOND EXP. PLAN
BALDWIN PARK	S106766162	COASTAL ROOFING SUPPLY	13320 DALEWOOD AVE	91706	WIP
BALDWIN PARK	S102425507	BOCK COMPANY	12819 E. GARVEY AVE	91706	LUST, SWEEPS UST, WIP
CITY OF INDUSTRY	1015740046	PERFORMANCE SHEETS, LL.	440 N.BALDWIN PARK	91746	RCRA-LQG
IRWINDALE	U003057077	HAROLD E. SIMPSON COMPANY	200 E. LIVE OAK AVENUE	91706	SWF/LF, LDS
IRWINDALE	S110326599	GOLDRING DUMP LANDFILL	5500 NORTH PECK ROAD	91706	SWF/LF
LOS ANGELES COUNTY	U003781750	C J HAMENING CO	650 SAN FERNANDO MISS		UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 01/21/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 01/09/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 01/09/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 02/28/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/31/2013
Date Data Arrived at EDR: 07/08/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 151

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/10/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 02/28/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/17/2013
Date Data Arrived at EDR: 01/14/2014
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/17/2013
Date Data Arrived at EDR: 01/14/2014
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/20/2013
Date Data Arrived at EDR: 11/21/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 95

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 02/07/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/03/2013
Number of Days to Update: 27

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/06/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/03/2013
Number of Days to Update: 27

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/06/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/18/2013
Date Data Arrived at EDR: 11/21/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 42

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/18/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Quarterly

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/16/2014
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 02/21/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/21/2013
Date Data Arrived at EDR: 11/26/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Semi-Annually

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/27/2013
Date Data Arrived at EDR: 08/27/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/13/2014
Date Data Arrived at EDR: 02/14/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 10

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 21

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/21/2013
Date Data Arrived at EDR: 11/26/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/13/2014
Date Data Arrived at EDR: 02/14/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 10

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 07/30/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 129

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 08/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 92

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/17/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/03/2013
Number of Days to Update: 27
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/06/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/24/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 73
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 02/25/2014
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: No Update Planned

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30
Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 21
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 11/20/2013
Date Data Arrived at EDR: 11/25/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 36
Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/04/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 65

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/03/2013
Number of Days to Update: 27

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/06/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 09/03/2013
Date Made Active in Reports: 10/10/2013
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 03/03/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 04/25/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 01/17/2014
Date Data Arrived at EDR: 01/21/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Varies

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 12/09/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 24

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 12/10/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/03/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 52

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 10/14/2013
Date Data Arrived at EDR: 10/30/2013
Date Made Active in Reports: 12/03/2013
Number of Days to Update: 34

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 18

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/06/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/28/2014
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/12/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/25/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 09/05/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/05/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/26/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/28/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/09/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/28/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 09/30/2013
Date Data Arrived at EDR: 10/09/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/10/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 03/08/2013
Date Data Arrived at EDR: 03/21/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 111

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/10/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/01/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/28/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Biennially

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 09/25/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 21

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 11/19/2013
Date Data Arrived at EDR: 11/21/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 42
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/18/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/30/2013
Date Data Arrived at EDR: 12/31/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 42
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/31/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/16/2013
Number of Days to Update: 35
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Annually

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/09/2013
Date Data Arrived at EDR: 08/13/2013
Date Made Active in Reports: 10/08/2013
Number of Days to Update: 56

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/16/2013
Date Made Active in Reports: 08/26/2013
Number of Days to Update: 41

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/17/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/25/2013
Date Made Active in Reports: 08/22/2013
Number of Days to Update: 58

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/15/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 09/20/2013
Date Data Arrived at EDR: 12/11/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 24

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Sleam-Electric Plan Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/13/2014
Date Data Arrived at EDR: 01/14/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/14/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 11/26/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 35

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/25/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 11/20/2013
Date Data Arrived at EDR: 12/03/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/18/2013
Date Data Arrived at EDR: 11/19/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 42

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST
EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 08/13/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/15/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: N/A

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/13/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 01/28/2014
Date Data Arrived at EDR: 01/30/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 12
Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Varies

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 21
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Quarterly

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30
Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Annually

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/22/2014
Date Data Arrived at EDR: 01/23/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 19

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/30/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/22/2014
Date Data Arrived at EDR: 01/23/2014
Date Made Active in Reports: 02/12/2014
Number of Days to Update: 20

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/30/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List
Cupa Facility List

Date of Government Version: 12/05/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 24

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing
Cupa facility list.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 08/22/2013
Number of Days to Update: 20

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 11/26/2013
Number of Days to Update: 56

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/30/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 12/05/2013
Date Data Arrived at EDR: 12/05/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 53

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/18/2013
Date Data Arrived at EDR: 11/19/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 42

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 02/05/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 01/09/2013
Date Data Arrived at EDR: 01/10/2013
Date Made Active in Reports: 02/25/2013
Number of Days to Update: 46

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/18/2013
Date Data Arrived at EDR: 11/19/2013
Date Made Active in Reports: 01/14/2014
Number of Days to Update: 56

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 02/04/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/14/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 28

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 21

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 01/27/2014
Date Data Arrived at EDR: 01/28/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 14

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/14/2013
Number of Days to Update: 33

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/12/2013
Date Data Arrived at EDR: 12/13/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 25

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/23/2013
Date Data Arrived at EDR: 01/25/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 33

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/28/2013
Date Data Arrived at EDR: 06/17/2013
Date Made Active in Reports: 08/21/2013
Number of Days to Update: 65
Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/20/2014
Date Data Arrived at EDR: 01/21/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 21
Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/21/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29
Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/30/2013
Date Data Arrived at EDR: 02/21/2013
Date Made Active in Reports: 03/25/2013
Number of Days to Update: 32
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 10/21/2013
Date Data Arrived at EDR: 10/25/2013
Date Made Active in Reports: 11/27/2013
Number of Days to Update: 33
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/15/2013
Date Data Arrived at EDR: 07/18/2013
Date Made Active in Reports: 08/20/2013
Number of Days to Update: 33
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/09/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 02/20/2014
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 01/03/2014
Date Data Arrived at EDR: 01/09/2014
Date Made Active in Reports: 02/12/2014
Number of Days to Update: 34

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 11/21/2013
Date Data Arrived at EDR: 11/25/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 91

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 12/02/2013
Date Data Arrived at EDR: 12/03/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 30

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 03/03/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 01/09/2014
Date Data Arrived at EDR: 01/10/2014
Date Made Active in Reports: 02/14/2014
Number of Days to Update: 35

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/03/2014
Next Scheduled EDR Contact: 06/06/2014
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 03/03/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 12/04/2013
Number of Days to Update: 27
Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 11/04/2013
Date Data Arrived at EDR: 11/13/2013
Date Made Active in Reports: 12/04/2013
Number of Days to Update: 21
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/04/2013
Date Data Arrived at EDR: 11/13/2013
Date Made Active in Reports: 12/04/2013
Number of Days to Update: 21
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/04/2013
Date Data Arrived at EDR: 11/13/2013
Date Made Active in Reports: 12/04/2013
Number of Days to Update: 21
Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

PLACER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 12/09/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 28
Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/14/2014
Date Data Arrived at EDR: 01/15/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 27
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/19/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 01/14/2014
Date Data Arrived at EDR: 01/15/2014
Date Made Active in Reports: 02/12/2014
Number of Days to Update: 28
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/19/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/21/2013
Date Data Arrived at EDR: 01/09/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 33
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/06/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/21/2013
Date Data Arrived at EDR: 01/09/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 33
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/06/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/26/2013
Date Data Arrived at EDR: 11/27/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 34

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2013
Date Data Arrived at EDR: 11/19/2013
Date Made Active in Reports: 12/31/2013
Number of Days to Update: 42

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 12/18/2013
Date Data Arrived at EDR: 12/19/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 20

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/21/2013
Date Data Arrived at EDR: 11/25/2013
Date Made Active in Reports: 02/27/2014
Number of Days to Update: 94

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 01/13/2014
Date Data Arrived at EDR: 01/14/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/16/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 12/12/2013
Date Data Arrived at EDR: 12/17/2013
Date Made Active in Reports: 01/07/2014
Number of Days to Update: 21

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/12/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 12/03/2013
Date Data Arrived at EDR: 12/04/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 54

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 03/03/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 12/02/2013
Date Data Arrived at EDR: 12/03/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 30

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 03/03/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/12/2013
Date Data Arrived at EDR: 11/15/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 49

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 12/09/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 24

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 12/03/2013
Date Data Arrived at EDR: 12/04/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 29

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/18/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 21

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/12/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 12/16/2013
Date Data Arrived at EDR: 12/19/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 20

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/12/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/02/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 40

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/30/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/03/2014
Date Data Arrived at EDR: 01/03/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 39

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/30/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 12/10/2013
Date Data Arrived at EDR: 12/11/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 24

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 12/09/2013
Next Scheduled EDR Contact: 03/24/2014
Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 11/04/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/04/2013
Number of Days to Update: 28

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 10/29/2013
Date Data Arrived at EDR: 11/21/2013
Date Made Active in Reports: 01/14/2014
Number of Days to Update: 54

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/18/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/17/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 10/02/2013
Date Data Arrived at EDR: 10/30/2013
Date Made Active in Reports: 11/27/2013
Number of Days to Update: 28

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/26/2013
Date Data Arrived at EDR: 12/18/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 21

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/16/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 12/18/2013
Date Data Arrived at EDR: 12/24/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 15

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/17/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 12/06/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 01/04/2014
Number of Days to Update: 25

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 12/06/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/21/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/17/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 11/01/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 11/18/2013
Number of Days to Update: 11

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/07/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 08/09/2013
Date Made Active in Reports: 09/27/2013
Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/11/2013
Next Scheduled EDR Contact: 03/31/2014
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

1402113ESAI
14622 DALEWOOD STREET
BALDWIN PARK, CA 91706

TARGET PROPERTY COORDINATES

Latitude (North):	34.0697 - 34° 4' 10.92''
Longitude (West):	117.9598 - 117° 57' 35.28''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	411433.5
UTM Y (Meters):	3770105.2
Elevation:	352 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	34117-A8 BALDWIN PARK, CA
Most Recent Revision:	1981

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

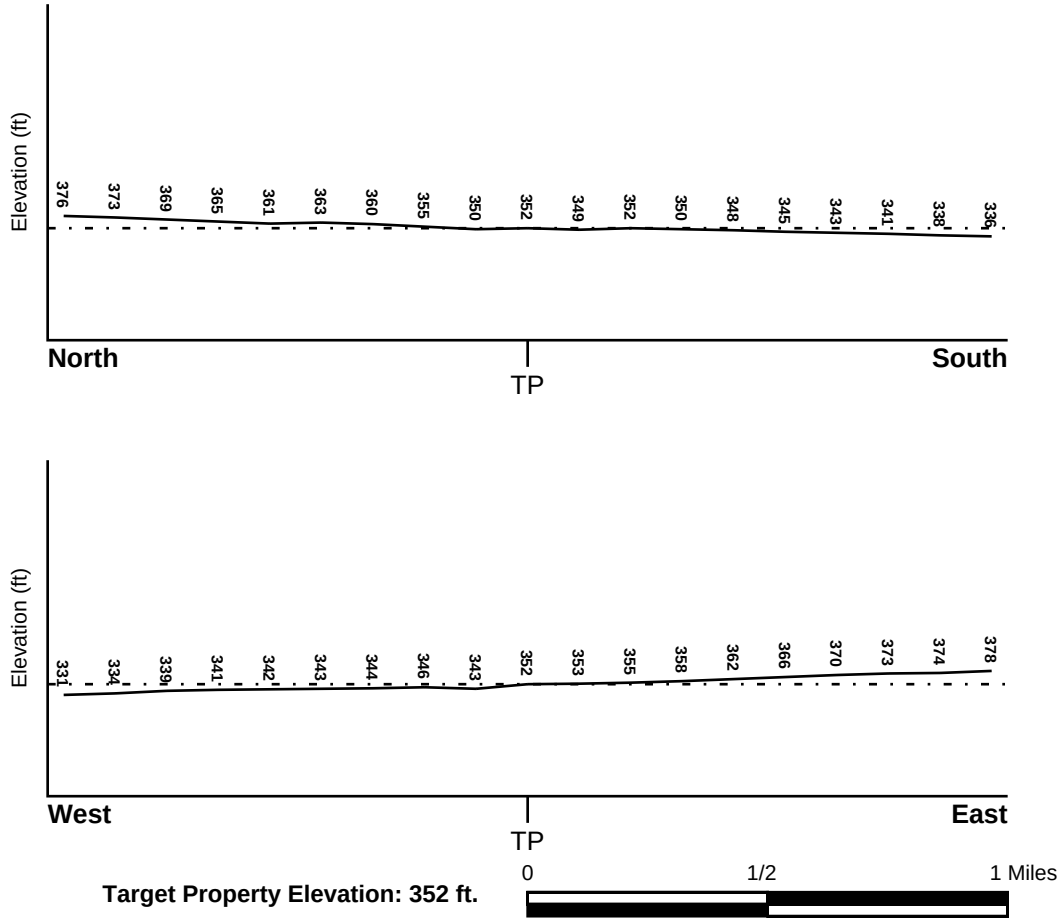
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 352 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
LOS ANGELES, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06037C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BALDWIN PARK	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Surficial Soil Types:
loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Shallow Soil Types:
fine sandy loam
gravelly - loam
sand
silty clay

Deeper Soil Types:
stratified
clay loam
silty clay loam
gravelly - sandy loam
coarse sand
sand
weathered bedrock
very fine sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000140432	1/4 - 1/2 Mile SSE
A2	USGS40000140447	1/4 - 1/2 Mile WSW
A3	USGS40000140436	1/4 - 1/2 Mile SW
E30	USGS40000140464	1/2 - 1 Mile WSW
E31	USGS40000140465	1/2 - 1 Mile WSW
C35	USGS40000140613	1/2 - 1 Mile ENE
39	USGS40000140421	1/2 - 1 Mile SE
40	USGS40000140285	1/2 - 1 Mile SSW
45	USGS40000140245	1/2 - 1 Mile South

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

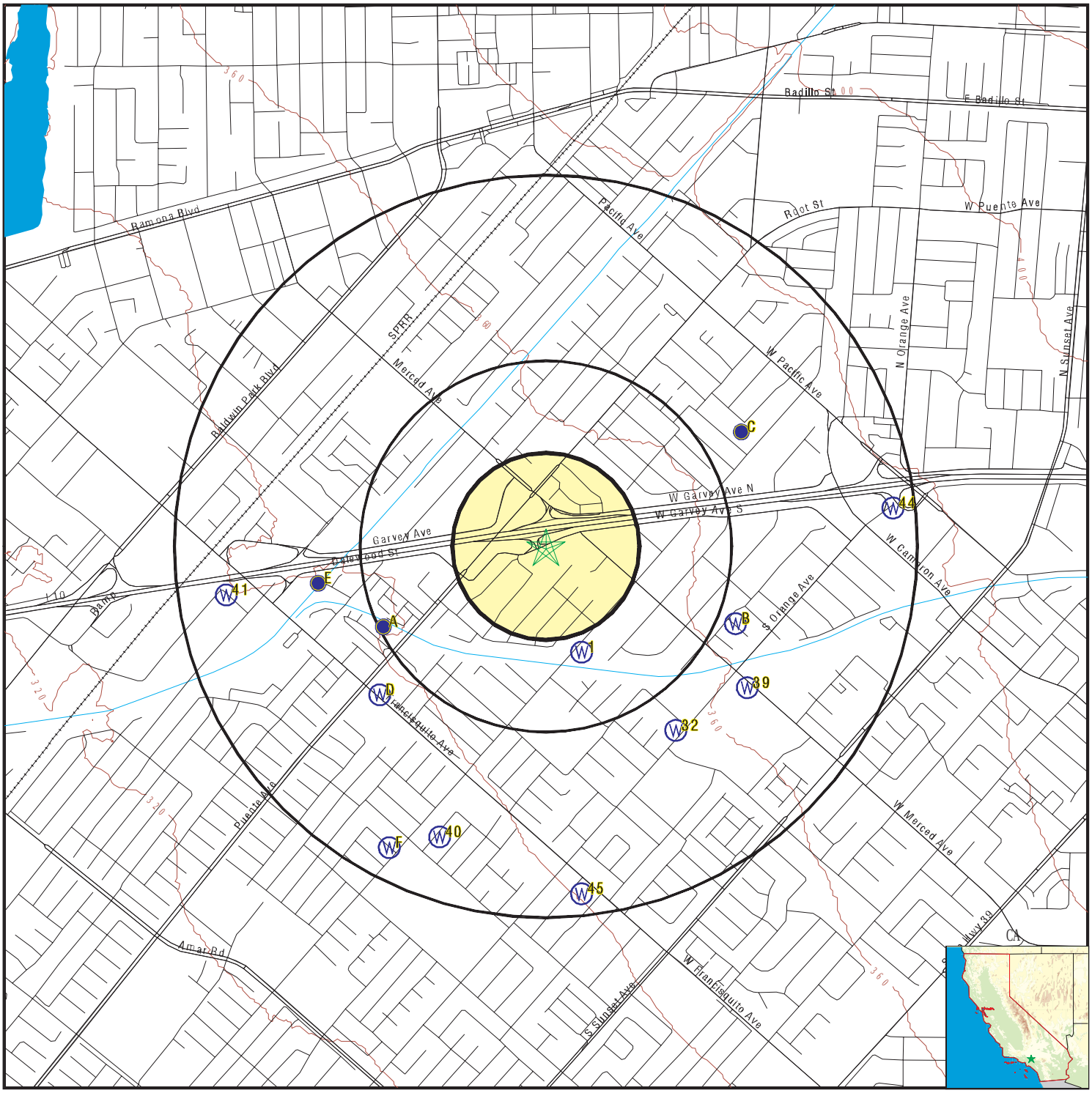
MAP ID	WELL ID	LOCATION FROM TP
A4	1268	1/4 - 1/2 Mile WSW
A5	1267	1/4 - 1/2 Mile WSW
A6	1269	1/4 - 1/2 Mile WSW
A7	22732	1/4 - 1/2 Mile WSW
A8	1270	1/4 - 1/2 Mile WSW
B9	14389	1/2 - 1 Mile ESE
B10	14388	1/2 - 1 Mile ESE
B11	1281	1/2 - 1 Mile ESE
B12	14390	1/2 - 1 Mile ESE
B13	14393	1/2 - 1 Mile ESE
B14	14392	1/2 - 1 Mile ESE
B15	14391	1/2 - 1 Mile ESE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B16	1278	1/2 - 1 Mile ESE
B17	1264	1/2 - 1 Mile ESE
B18	1263	1/2 - 1 Mile ESE
B19	1275	1/2 - 1 Mile ESE
B20	1277	1/2 - 1 Mile ESE
B21	1276	1/2 - 1 Mile ESE
C22	1279	1/2 - 1 Mile ENE
C23	14394	1/2 - 1 Mile ENE
D24	22777	1/2 - 1 Mile SW
D25	22776	1/2 - 1 Mile SW
D26	22775	1/2 - 1 Mile SW
D27	22780	1/2 - 1 Mile SW
D28	22779	1/2 - 1 Mile SW
D29	22778	1/2 - 1 Mile SW
32	1313	1/2 - 1 Mile SE
E33	1427	1/2 - 1 Mile West
E34	1414	1/2 - 1 Mile West
E36	1271	1/2 - 1 Mile West
E37	22727	1/2 - 1 Mile West
E38	22733	1/2 - 1 Mile West
41	CADW50000004158	1/2 - 1 Mile West
F42	1310	1/2 - 1 Mile SSW
F43	14385	1/2 - 1 Mile SSW
44	CADW50000004193	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 3874955.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	1402113ESAI	CLIENT:	Encon Solutions
ADDRESS:	14622 Dalewood Street Baldwin Park CA 91706	CONTACT:	Rigo Iglesias
LAT/LONG:	34.0697 / 117.9598	INQUIRY #:	3874955.2s
		DATE:	March 07, 2014 8:16 pm

Copyright © 2014 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSE **FED USGS** **USGS40000140432**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-340356117572601		
Monloc name:	001S010W19Q007S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070106	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.0655653
Longitude:	-117.9581198	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A2
WSW **FED USGS** **USGS40000140447**
1/4 - 1/2 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-340360117575901		
Monloc name:	001S010W19K001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070106	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.0666763
Longitude:	-117.9672868	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A3
SW **FED USGS** **USGS40000140436**
1/4 - 1/2 Mile
Lower

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-340357117575701		
Monloc name:	001S010W19Q006S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070106	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.065843
Longitude:	-117.9667313	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A4
WSW **CA WELLS** **1268**
1/4 - 1/2 Mile
Lower

Water System Information:

Prime Station Code:	01S/10W-19K01 S	User ID:	4TH
FRDS Number:	1910060002	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340400.0 1175800.0	Precision:	Undefined
Source Name:	WELL 02		
System Number:	1910060		
System Name:	LA PUENTE VALLEY CWD		
Organization That Operates System:			
	15825 EAST MAIN STREET		
	LA PUENTE, CA 91744		
Pop Served:	8191	Connections:	2482
Area Served:	LA PUENTE		

Sample Collected:	19-DEC-12	Findings:	0.27 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	19-DEC-12	Findings:	5. UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	19-DEC-12	Findings:	0.76 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	19-DEC-12	Findings:	3.6 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	19-DEC-12	Findings:	1.4 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	19-DEC-12	Findings:	120. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	19-DEC-12	Findings:	25. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	19-DEC-12	Findings:	2. UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	19-DEC-12	Findings:	78. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	19-DEC-12	Findings:	2.1 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	25-FEB-13	Findings:	5600. UG/L
Chemical:	NITRITE (AS N)		
Sample Collected:	25-FEB-13	Findings:	4.9 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	25-FEB-13	Findings:	2.1 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	25-FEB-13	Findings:	0.2 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	25-FEB-13	Findings:	4.8 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	25-FEB-13	Findings:	0.72 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	25-FEB-13	Findings:	3. UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	25-FEB-13	Findings:	5.5 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	25-FEB-13	Findings:	110. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	25-FEB-13	Findings:	1.9 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	25-FEB-13	Findings:	75. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	25-FEB-13	Findings:	2.3 UG/L
Chemical:	1,4-DIOXANE		

Sample Collected:	14-MAR-13	Findings:	2.6 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	14-MAR-13	Findings:	4. UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	14-MAR-13	Findings:	1.8 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	14-MAR-13	Findings:	3.8 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	14-MAR-13	Findings:	0.67 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	14-MAR-13	Findings:	2.9 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	14-MAR-13	Findings:	5.4 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	14-MAR-13	Findings:	98. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	14-MAR-13	Findings:	1.5 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05-APR-13	Findings:	3.7 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	05-APR-13	Findings:	1.7 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05-APR-13	Findings:	0.2 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	05-APR-13	Findings:	3.5 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05-APR-13	Findings:	0.61 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	05-APR-13	Findings:	2.4 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	05-APR-13	Findings:	4.9 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	05-APR-13	Findings:	74. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05-APR-13	Findings:	28. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05-APR-13	Findings:	1.6 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05-APR-13	Findings:	53. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	05-APR-13	Findings:	1.6 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	14-JUN-13	Findings:	2.8 UG/L
Chemical:	CARBON TETRACHLORIDE		

Sample Collected:	14-JUN-13	Findings:	1.6 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	14-JUN-13	Findings:	0.16 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	14-JUN-13	Findings:	2.7 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03-JAN-11	Findings:	3.3 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03-JAN-11	Findings:	1.9 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03-JAN-11	Findings:	1.6e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	03-JAN-11	Findings:	3.6 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03-JAN-11	Findings:	2.7 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	03-JAN-11	Findings:	4.4 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	03-JAN-11	Findings:	74. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03-JAN-11	Findings:	25. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-JAN-11	Findings:	1.4 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	03-JAN-11	Findings:	63. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	03-JAN-11	Findings:	1.6 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	14-JUN-13	Findings:	2.3 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	14-JUN-13	Findings:	4.2 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	14-JUN-13	Findings:	76. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	14-JUN-13	Findings:	28. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	14-JUN-13	Findings:	1.4 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	14-JUN-13	Findings:	54. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	14-JUN-13	Findings:	1.5 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	14-JUN-13	Findings:	0.4 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		

Sample Collected:	14-JUN-13	Findings:	120. UG/L
Chemical:	BARIUM		
Sample Collected:	14-JUN-13	Findings:	27. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	25-JUL-13	Findings:	530. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	25-JUL-13	Findings:	7.59
Chemical:	PH, LABORATORY		
Sample Collected:	25-JUL-13	Findings:	170. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	25-JUL-13	Findings:	210. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	25-JUL-13	Findings:	220. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	25-JUL-13	Findings:	63.6 MG/L
Chemical:	CALCIUM		
Sample Collected:	25-JUL-13	Findings:	14.9 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	25-JUL-13	Findings:	23. MG/L
Chemical:	SODIUM		
Sample Collected:	25-JUL-13	Findings:	2.9 MG/L
Chemical:	POTASSIUM		
Sample Collected:	25-JUL-13	Findings:	30. MG/L
Chemical:	CHLORIDE		
Sample Collected:	25-JUL-13	Findings:	0.42 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	25-JUL-13	Findings:	120. UG/L
Chemical:	BARIUM		
Sample Collected:	25-JUL-13	Findings:	0.233 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07-FEB-11	Findings:	3.2 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	07-FEB-11	Findings:	1.8 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07-FEB-11	Findings:	0.16 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	07-FEB-11	Findings:	2.8 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07-FEB-11	Findings:	0.53 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	07-FEB-11	Findings:	2.5 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	07-FEB-11	Findings:	3.1 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		

Sample Collected:	07-FEB-11	Findings:	69. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07-FEB-11	Findings:	27. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-FEB-11	Findings:	1.2 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07-FEB-11	Findings:	55. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	07-FEB-11	Findings:	1.8 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	07-MAR-11	Findings:	0.18 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	07-MAR-11	Findings:	1.4 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	25-JUL-13	Findings:	0.644 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	25-JUL-13	Findings:	3.2 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	25-JUL-13	Findings:	1.6 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	25-JUL-13	Findings:	3. UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	25-JUL-13	Findings:	2.5 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	25-JUL-13	Findings:	3.6 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	25-JUL-13	Findings:	69. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	25-JUL-13	Findings:	320. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	25-JUL-13	Findings:	0.718
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	25-JUL-13	Findings:	28. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	25-JUL-13	Findings:	1.4 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07-MAR-11	Findings:	1.5 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	07-MAR-11	Findings:	9.8 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07-MAR-11	Findings:	28. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-MAR-11	Findings:	57. UG/L
Chemical:	PERCHLORATE		

Sample Collected:	07-MAR-11	Findings:	1.7 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	14-MAR-11	Findings:	2.9 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	14-MAR-11	Findings:	3.8 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	14-MAR-11	Findings:	1.8 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	14-MAR-11	Findings:	3.2 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	14-MAR-11	Findings:	2.6 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	14-MAR-11	Findings:	3.8 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	14-MAR-11	Findings:	82. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	14-MAR-11	Findings:	1.2 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	25-JUL-13	Findings:	6400. UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	25-JUL-13	Findings:	1.6e-002 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	25-JUL-13	Findings:	1.002 PCI/L
Chemical:	GROSS BETA MDA95		
Sample Collected:	23-AUG-13	Findings:	3.2 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	23-AUG-13	Findings:	1.6 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	23-AUG-13	Findings:	0.12 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	23-AUG-13	Findings:	3.7 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	23-AUG-13	Findings:	2.4 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	23-AUG-13	Findings:	5. UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	23-AUG-13	Findings:	71. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	23-AUG-13	Findings:	31. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	23-AUG-13	Findings:	1.2 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	23-AUG-13	Findings:	58. UG/L
Chemical:	PERCHLORATE		

Sample Collected:	23-AUG-13	Findings:	1.4 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	23-AUG-13	Findings:	2.3 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	27-SEP-13	Findings:	330. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	16-OCT-13	Findings:	3.2 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	14-MAR-11	Findings:	1.8 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04-APR-11	Findings:	3.1 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	04-APR-11	Findings:	1.7 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04-APR-11	Findings:	0.17 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	04-APR-11	Findings:	3.2 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04-APR-11	Findings:	2.4 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	04-APR-11	Findings:	2.9 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	04-APR-11	Findings:	67. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04-APR-11	Findings:	26. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-APR-11	Findings:	0.88 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	04-APR-11	Findings:	54. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	04-APR-11	Findings:	1.6 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	06-JUN-11	Findings:	5.7 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06-JUN-11	Findings:	2.6 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	16-OCT-13	Findings:	2.1 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	16-OCT-13	Findings:	8.5e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	16-OCT-13	Findings:	3.5 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	16-OCT-13	Findings:	0.55 UG/L
Chemical:	1,1-DICHLOROETHANE		

Sample Collected:	16-OCT-13	Findings:	2.5 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	16-OCT-13	Findings:	3.9 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	16-OCT-13	Findings:	77. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	16-OCT-13	Findings:	29. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	16-OCT-13	Findings:	1.4 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	16-OCT-13	Findings:	59. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	16-OCT-13	Findings:	1.5 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	06-JUN-11	Findings:	0.32 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	06-JUN-11	Findings:	5. UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06-JUN-11	Findings:	0.7 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	06-JUN-11	Findings:	0.51 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06-JUN-11	Findings:	4. UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	06-JUN-11	Findings:	5.5 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	06-JUN-11	Findings:	110. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06-JUN-11	Findings:	25. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06-JUN-11	Findings:	1.9 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	06-JUN-11	Findings:	81. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	06-JUN-11	Findings:	2.3 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	22-AUG-11	Findings:	2.6 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	22-AUG-11	Findings:	1.5 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	22-AUG-11	Findings:	0.22 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	22-AUG-11	Findings:	2.9 UG/L
Chemical:	TETRACHLOROETHYLENE		

Sample Collected:	22-AUG-11	Findings:	0.51 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	22-AUG-11	Findings:	2.8 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	22-AUG-11	Findings:	1.7 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	22-AUG-11	Findings:	97. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	22-AUG-11	Findings:	26. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	22-AUG-11	Findings:	1.2 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	22-AUG-11	Findings:	76. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	22-AUG-11	Findings:	2.3 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	11-OCT-11	Findings:	4.9 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	11-OCT-11	Findings:	2.4 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11-OCT-11	Findings:	0.21 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	11-OCT-11	Findings:	4.5 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11-OCT-11	Findings:	0.72 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	11-OCT-11	Findings:	3.4 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	11-OCT-11	Findings:	5.9 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	11-OCT-11	Findings:	100. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11-OCT-11	Findings:	25. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11-OCT-11	Findings:	1.8 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	11-OCT-11	Findings:	79. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	11-OCT-11	Findings:	2.2 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	13-DEC-11	Findings:	4.4 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	13-DEC-11	Findings:	2.1 UG/L
Chemical:	CHLOROFORM (THM)		

Sample Collected:	13-DEC-11	Findings:	0.24 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	13-DEC-11	Findings:	4. UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	13-DEC-11	Findings:	0.63 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	13-DEC-11	Findings:	3.4 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	13-DEC-11	Findings:	4.6 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	13-DEC-11	Findings:	97. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	13-DEC-11	Findings:	24. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	13-DEC-11	Findings:	1.8 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	13-DEC-11	Findings:	2. UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	13-DEC-11	Findings:	79. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	13-DEC-11	Findings:	2.5 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	13-FEB-12	Findings:	4.2 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	13-FEB-12	Findings:	2. UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	13-FEB-12	Findings:	8.3e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	13-FEB-12	Findings:	4.9 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	13-FEB-12	Findings:	0.69 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	13-FEB-12	Findings:	3.1 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	13-FEB-12	Findings:	5.4 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	13-FEB-12	Findings:	89. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	13-FEB-12	Findings:	25. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	13-FEB-12	Findings:	71. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	13-FEB-12	Findings:	2.3 UG/L
Chemical:	1,4-DIOXANE		

Sample Collected:	22-MAR-12	Findings:	2.7 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	22-MAR-12	Findings:	4.8 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	22-MAR-12	Findings:	1.9 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	22-MAR-12	Findings:	6.3 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	22-MAR-12	Findings:	0.63 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	22-MAR-12	Findings:	3. UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	22-MAR-12	Findings:	8.7 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	22-MAR-12	Findings:	100. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	22-MAR-12	Findings:	1.8 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	02-APR-12	Findings:	3. UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	02-APR-12	Findings:	1.2 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02-APR-12	Findings:	0.17 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	02-APR-12	Findings:	3.6 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02-APR-12	Findings:	2. UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	02-APR-12	Findings:	4.6 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	02-APR-12	Findings:	67. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02-APR-12	Findings:	25. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-APR-12	Findings:	1.2 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	02-APR-12	Findings:	46. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	02-APR-12	Findings:	1.6 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	01-MAY-12	Findings:	3.6 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	01-MAY-12	Findings:	1.5 UG/L
Chemical:	CHLOROFORM (THM)		

Sample Collected:	01-MAY-12	Findings:	0.23 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	01-MAY-12	Findings:	4.2 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01-MAY-12	Findings:	0.57 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	01-MAY-12	Findings:	2.6 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	01-MAY-12	Findings:	3.8 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	01-MAY-12	Findings:	68. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01-MAY-12	Findings:	26. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01-MAY-12	Findings:	1.2 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	01-MAY-12	Findings:	50. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	01-MAY-12	Findings:	1.6 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	04-JUN-12	Findings:	2.8 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	04-JUN-12	Findings:	1.5 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04-JUN-12	Findings:	0.14 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	04-JUN-12	Findings:	3.1 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04-JUN-12	Findings:	2.2 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	04-JUN-12	Findings:	3.1 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	04-JUN-12	Findings:	57. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04-JUN-12	Findings:	31. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-JUN-12	Findings:	1.2 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	04-JUN-12	Findings:	52. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	04-JUN-12	Findings:	1.6 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	28-AUG-12	Findings:	4.3 UG/L
Chemical:	CARBON TETRACHLORIDE		

Sample Collected:	28-AUG-12	Findings:	2.4 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	28-AUG-12	Findings:	0.21 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	28-AUG-12	Findings:	4.3 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	28-AUG-12	Findings:	0.58 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	28-AUG-12	Findings:	3.4 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	28-AUG-12	Findings:	4.5 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	28-AUG-12	Findings:	110. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	28-AUG-12	Findings:	30. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	28-AUG-12	Findings:	1.7 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	28-AUG-12	Findings:	60. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	28-AUG-12	Findings:	1.8 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	25-OCT-12	Findings:	1.8 PCI/L
Chemical:	URANIUM (PCI/L)		
Sample Collected:	25-OCT-12	Findings:	4.3 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	25-OCT-12	Findings:	2.2 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	25-OCT-12	Findings:	4.4 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	25-OCT-12	Findings:	0.62 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	25-OCT-12	Findings:	3.1 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	25-OCT-12	Findings:	6.1 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	25-OCT-12	Findings:	99. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	25-OCT-12	Findings:	1.6 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	25-OCT-12	Findings:	2.2 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	25-OCT-12	Findings:	530. US
Chemical:	SPECIFIC CONDUCTANCE		

Sample Collected:	25-OCT-12	Findings:	7.58
Chemical:	PH, LABORATORY		
Sample Collected:	25-OCT-12	Findings:	180. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	25-OCT-12	Findings:	220. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	25-OCT-12	Findings:	210. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	25-OCT-12	Findings:	59. MG/L
Chemical:	CALCIUM		
Sample Collected:	25-OCT-12	Findings:	14. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	25-OCT-12	Findings:	22. MG/L
Chemical:	SODIUM		
Sample Collected:	25-OCT-12	Findings:	26. MG/L
Chemical:	CHLORIDE		
Sample Collected:	25-OCT-12	Findings:	3.7 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	25-OCT-12	Findings:	1.8 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	25-OCT-12	Findings:	0.2 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	25-OCT-12	Findings:	3.6 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	25-OCT-12	Findings:	0.53 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	25-OCT-12	Findings:	2.7 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	25-OCT-12	Findings:	5. UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	25-OCT-12	Findings:	91. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	25-OCT-12	Findings:	330. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	25-OCT-12	Findings:	0.166
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	25-OCT-12	Findings:	26. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	25-OCT-12	Findings:	1.4 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	25-OCT-12	Findings:	76. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	25-OCT-12	Findings:	2. UG/L
Chemical:	1,4-DIOXANE		

Sample Collected:	19-DEC-12	Findings:	6.3 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	19-DEC-12	Findings:	2.6 UG/L
Chemical:	CHLOROFORM (THM)		

A5
WSW **CA WELLS** **1267**
1/4 - 1/2 Mile
Lower

Water System Information:

Prime Station Code:	01S/10W-19C01 S	User ID:	4TH
FRDS Number:	1910009004	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Standby Raw
Source Lat/Long:	340400.0 1175800.0	Precision:	Undefined
Source Name:	WELL 05 PADDY LANE - STANDBY		
System Number:	1910009		
System Name:	VALLEY COUNTY WATER DIST.		
Organization That Operates System:			
	14521 E RAMONA BLD		
	BALDWIN PARK, CA 91706		
Pop Served:	45000	Connections:	11664
Area Served:	BALDWIN PARK		

A6
WSW **CA WELLS** **1269**
1/4 - 1/2 Mile
Lower

Water System Information:

Prime Station Code:	01S/10W-19L01 S	User ID:	MET
FRDS Number:	1910039025	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Abandoned
Source Lat/Long:	340400.0 1175800.0	Precision:	Undefined
Source Name:	WELL B6B - ABANDONED		
System Number:	1910039		
System Name:	SAN GABRIEL VALLEY WATER CO.-EL MONTE		
Organization That Operates System:			
	P O BOX 6010		
	EL MONTE, CA 91734		
Pop Served:	151064	Connections:	43161
Area Served:	EL MONTE/SAN GABRIEL BASIN		

A7
WSW **CA WELLS** **22732**
1/4 - 1/2 Mile
Lower

Water System Information:

Prime Station Code:	G19/039-VOASEFC	User ID:	MET
FRDS Number:	1910039059	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Combined Treated
Source Lat/Long:	340400.0 1175800.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL B6C - AIR STRIPPING EFF - VOC		

System Number: 1910039
System Name: SAN GABRIEL VALLEY WATER CO.-EL MONTE
Organization That Operates System:
P O BOX 6010
EL MONTE, CA 91734
Pop Served: 151064 Connections: 43161
Area Served: EL MONTE/SAN GABRIEL BASIN

A8
WSW **CA WELLS** **1270**
1/4 - 1/2 Mile
Lower

Water System Information:

Prime Station Code:	01S/10W-19L02 S	User ID:	MET
FRDS Number:	1910039026	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340400.0 1175800.0	Precision:	Undefined
Source Name:	WELL B6C		
System Number:	1910039		
System Name:	SAN GABRIEL VALLEY WATER CO.-EL MONTE		
Organization That Operates System:			
	P O BOX 6010		
	EL MONTE, CA 91734		
Pop Served:	151064	Connections:	43161
Area Served:	EL MONTE/SAN GABRIEL BASIN		
Sample Collected:	09-FEB-11	Findings:	2.4 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	09-FEB-11	Findings:	1.9 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	09-FEB-11	Findings:	74. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09-FEB-11	Findings:	17. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09-FEB-11	Findings:	1.3 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09-FEB-11	Findings:	71. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	09-FEB-11	Findings:	2. UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	25-MAR-11	Findings:	8.1 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	25-MAR-11	Findings:	1.2 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	25-MAR-11	Findings:	0.79 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	25-MAR-11	Findings:	1.4 UG/L
Chemical:	1,2-DICHLOROETHANE		

Sample Collected:	25-MAR-11	Findings:	0.93 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	25-MAR-11	Findings:	48. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	25-MAR-11	Findings:	0.58 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	26-MAY-11	Findings:	1.2e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	26-MAY-11	Findings:	0.55 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	26-MAY-11	Findings:	4.4 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	26-MAY-11	Findings:	50. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	26-MAY-11	Findings:	9.2 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	01-JUN-11	Findings:	3.6 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	15-SEP-11	Findings:	0.28 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	15-SEP-11	Findings:	2.4 UG/L
Chemical:	ARSENIC		
Sample Collected:	15-SEP-11	Findings:	210. UG/L
Chemical:	BARIUM		
Sample Collected:	15-SEP-11	Findings:	6.36 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	15-SEP-11	Findings:	6.4 PCI/L
Chemical:	URANIUM (PCI/L)		
Sample Collected:	15-SEP-11	Findings:	4.5e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	15-SEP-11	Findings:	3.4 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	15-SEP-11	Findings:	89. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	15-SEP-11	Findings:	21. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	08-NOV-11	Findings:	2.6e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	08-NOV-11	Findings:	2.9 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08-NOV-11	Findings:	92. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08-NOV-11	Findings:	20. UG/L
Chemical:	PERCHLORATE		

Sample Collected:	02-FEB-12	Findings:	1.2e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	02-FEB-12	Findings:	2.2 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02-FEB-12	Findings:	93. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-FEB-12	Findings:	19. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	27-MAR-12	Findings:	0.58 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	27-MAR-12	Findings:	2.5 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	16-MAY-12	Findings:	7.e-003 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	16-MAY-12	Findings:	0.62 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	16-MAY-12	Findings:	2.5 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	16-MAY-12	Findings:	89. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	16-MAY-12	Findings:	22. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	09-AUG-12	Findings:	4.e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	09-AUG-12	Findings:	3.8 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09-AUG-12	Findings:	330. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09-AUG-12	Findings:	5.5 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09-AUG-12	Findings:	12. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	14-NOV-12	Findings:	2.e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	14-NOV-12	Findings:	2.6 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	25-FEB-13	Findings:	10. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	16-MAY-13	Findings:	2.1e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	16-MAY-13	Findings:	2.9 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	16-MAY-13	Findings:	83. MG/L
Chemical:	NITRATE (AS NO3)		

Sample Collected:	16-MAY-13	Findings:	19. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	22-AUG-13	Findings:	830. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	22-AUG-13	Findings:	7.57
Chemical:	PH, LABORATORY		
Sample Collected:	22-AUG-13	Findings:	260. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	22-AUG-13	Findings:	310. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	22-AUG-13	Findings:	380. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	22-AUG-13	Findings:	120. MG/L
Chemical:	CALCIUM		
Sample Collected:	22-AUG-13	Findings:	22. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	22-AUG-13	Findings:	24. MG/L
Chemical:	SODIUM		
Sample Collected:	22-AUG-13	Findings:	5.4 MG/L
Chemical:	POTASSIUM		
Sample Collected:	22-AUG-13	Findings:	40. MG/L
Chemical:	CHLORIDE		
Sample Collected:	22-AUG-13	Findings:	0.24 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	22-AUG-13	Findings:	450. UG/L
Chemical:	IRON		
Sample Collected:	22-AUG-13	Findings:	2.1 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	22-AUG-13	Findings:	2. UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	22-AUG-13	Findings:	3.4e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	22-AUG-13	Findings:	6.3 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	22-AUG-13	Findings:	1.1 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	22-AUG-13	Findings:	0.69 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	22-AUG-13	Findings:	1.9 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	22-AUG-13	Findings:	7.5 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	22-AUG-13	Findings:	47. UG/L
Chemical:	TRICHLOROETHYLENE		

Sample Collected:	22-AUG-13	Findings:	540. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	22-AUG-13	Findings:	1.1
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	22-AUG-13	Findings:	0.699
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	22-AUG-13	Findings:	87. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	22-AUG-13	Findings:	2.2 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	22-AUG-13	Findings:	3.4 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	22-AUG-13	Findings:	12.5
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	22-AUG-13	Findings:	24. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	09-FEB-11	Findings:	2.5 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	09-FEB-11	Findings:	7.9 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09-FEB-11	Findings:	2.2 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09-FEB-11	Findings:	1.4 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09-FEB-11	Findings:	2.8 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	09-FEB-11	Findings:	1.4 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	09-FEB-11	Findings:	72. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09-FEB-11	Findings:	1.2 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09-FEB-11	Findings:	8.4 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09-FEB-11	Findings:	1.9 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09-FEB-11	Findings:	0.15 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	09-FEB-11	Findings:	1.5 UG/L
Chemical:	TETRACHLOROETHYLENE		

B9
ESE
1/2 - 1 Mile
Higher

CA WELLS **14389**

Water System Information:

Prime Station Code:	1910205-049	User ID:	MET
FRDS Number:	1910205049	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Active Treated
Source Lat/Long:	340400.0 1175700.0	Precision:	Undefined
Source Name:	BIG DALTON TREATMENT-3/4 SAMPLING TAP-V1		
System Number:	1910205		
System Name:	SUBURBAN WATER SYSTEMS-SAN JOSE		
Organization That Operates System:			
	1211 E. CENTER COURT DRIVE		
	COVINA, CA 91724		
Pop Served:	89591	Connections:	31997
Area Served:	Not Reported		

B10
ESE **CA WELLS** **14388**
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	1910205-048	User ID:	MET
FRDS Number:	1910205048	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Active Treated
Source Lat/Long:	340400.0 1175700.0	Precision:	Undefined
Source Name:	BIG DALTON TREATMENT - INFLUENT-TREATED		
System Number:	1910205		
System Name:	SUBURBAN WATER SYSTEMS-SAN JOSE		
Organization That Operates System:			
	1211 E. CENTER COURT DRIVE		
	COVINA, CA 91724		
Pop Served:	89591	Connections:	31997
Area Served:	Not Reported		

B11
ESE **CA WELLS** **1281**
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	01S/10W-20G01 S	User ID:	MET
FRDS Number:	1910205006	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	340400.0 1175700.0	Precision:	Undefined
Source Name:	111-W1 - DESTROYED		
System Number:	1910205		
System Name:	SUBURBAN WATER SYSTEMS-SAN JOSE		
Organization That Operates System:			
	1211 E. CENTER COURT DRIVE		
	COVINA, CA 91724		
Pop Served:	89591	Connections:	31997
Area Served:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B12
ESE **CA WELLS** **14390**
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	1910205-050	User ID:	MET
FRDS Number:	1910205050	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Active Treated
Source Lat/Long:	340400.0 1175700.0	Precision:	Undefined
Source Name:	BIG DALTON TREATMENT - EFFLUENT-TREATED		
System Number:	1910205		
System Name:	SUBURBAN WATER SYSTEMS-SAN JOSE		
Organization That Operates System:			
	1211 E. CENTER COURT DRIVE		
	COVINA, CA 91724		
Pop Served:	89591	Connections:	31997
Area Served:	Not Reported		

B13
ESE **CA WELLS** **14393**
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	1910205-053	User ID:	MET
FRDS Number:	1910205053	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Active Treated
Source Lat/Long:	340400.0 1175700.0	Precision:	Undefined
Source Name:	BIG DALTON TREATMENT-3/4 SAMPLING TAP-V4		
System Number:	1910205		
System Name:	SUBURBAN WATER SYSTEMS-SAN JOSE		
Organization That Operates System:			
	1211 E. CENTER COURT DRIVE		
	COVINA, CA 91724		
Pop Served:	89591	Connections:	31997
Area Served:	Not Reported		

B14
ESE **CA WELLS** **14392**
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	1910205-052	User ID:	MET
FRDS Number:	1910205052	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Active Treated
Source Lat/Long:	340400.0 1175700.0	Precision:	Undefined
Source Name:	BIG DALTON TREATMENT-3/4 SAMPLING TAP-V3		

System Number: 1910205
System Name: SUBURBAN WATER SYSTEMS-SAN JOSE
Organization That Operates System:
1211 E. CENTER COURT DRIVE
COVINA, CA 91724
Pop Served: 89591 Connections: 31997
Area Served: Not Reported

B15
ESE **CA WELLS** **14391**
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	1910205-051	User ID:	MET
FRDS Number:	1910205051	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Active Treated
Source Lat/Long:	340400.0 1175700.0	Precision:	Undefined
Source Name:	BIG DALTON TREATMENT-3/4 SAMPLING TAP-V2		
System Number:	1910205		
System Name:	SUBURBAN WATER SYSTEMS-SAN JOSE		
Organization That Operates System:			
	1211 E. CENTER COURT DRIVE		
	COVINA, CA 91724		
Pop Served:	89591	Connections:	31997
Area Served:	Not Reported		

B16
ESE **CA WELLS** **1278**
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	01S/10W-20B14 S	User ID:	MET
FRDS Number:	1910205027	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340400.0 1175700.0	Precision:	Undefined
Source Name:	139-W4		
System Number:	1910205		
System Name:	SUBURBAN WATER SYSTEMS-SAN JOSE		
Organization That Operates System:			
	1211 E. CENTER COURT DRIVE		
	COVINA, CA 91724		
Pop Served:	89591	Connections:	31997
Area Served:	Not Reported		
Sample Collected:	18-MAR-11	Findings:	0.861 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	18-MAR-11	Findings:	0.277 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	18-MAR-11	Findings:	0.292 PCI/L
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.		

Sample Collected:	18-MAR-11	Findings:	0.412 PCI/L
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Sample Collected:	18-MAR-11	Findings:	16.7 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	18-MAR-11	Findings:	500. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	18-MAR-11	Findings:	7.4
Chemical:	PH, FIELD		
Sample Collected:	18-MAR-11	Findings:	170. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	18-MAR-11	Findings:	200. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	18-MAR-11	Findings:	210. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	18-MAR-11	Findings:	59. MG/L
Chemical:	CALCIUM		
Sample Collected:	18-MAR-11	Findings:	14. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	18-MAR-11	Findings:	21. MG/L
Chemical:	SODIUM		
Sample Collected:	18-MAR-11	Findings:	2.4 MG/L
Chemical:	POTASSIUM		
Sample Collected:	18-MAR-11	Findings:	15. MG/L
Chemical:	CHLORIDE		
Sample Collected:	18-MAR-11	Findings:	0.52 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	18-MAR-11	Findings:	0.64 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	18-MAR-11	Findings:	3.2 PCI/L
Chemical:	URANIUM (PCI/L)		
Sample Collected:	18-MAR-11	Findings:	290. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	18-MAR-11	Findings:	0.495
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	18-MAR-11	Findings:	49. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	18-MAR-11	Findings:	0.28 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	18-MAR-11	Findings:	11.8
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	18-MAR-11	Findings:	1. PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	10-NOV-11	Findings:	0.606 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		

Sample Collected:	10-NOV-11	Findings:	0.205 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	10-NOV-11	Findings:	0.221 PCI/L
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.		
Sample Collected:	10-NOV-11	Findings:	0.439 PCI/L
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Sample Collected:	10-NOV-11	Findings:	2. PCI/L
Chemical:	URANIUM (PCI/L)		
Sample Collected:	10-NOV-11	Findings:	52. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10-NOV-11	Findings:	8.7 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	11-DEC-12	Findings:	320. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	11-DEC-12	Findings:	50. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11-DEC-12	Findings:	9.9 UG/L
Chemical:	PERCHLORATE		

B17
ESE **CA WELLS 1264**
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	01S/10W-17R01 S	User ID:	MET
FRDS Number:	1910205007	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	340400.0 1175700.0	Precision:	Undefined
Source Name:	112-W2 - DESTROYED		
System Number:	1910205		
System Name:	SUBURBAN WATER SYSTEMS-SAN JOSE		
Organization That Operates System:			
	1211 E. CENTER COURT DRIVE COVINA, CA 91724		
Pop Served:	89591	Connections:	31997
Area Served:	Not Reported		

B18
ESE **CA WELLS 1263**
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	01S/10W-17N01 S	User ID:	4TH
FRDS Number:	1910009009	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340400.0 1175700.0	Precision:	Undefined
Source Name:	WELL 09 BIG DALTON		

System Number: 1910009
System Name: VALLEY COUNTY WATER DIST.
Organization That Operates System:
14521 E RAMONA BLD
BALDWIN PARK, CA 91706
Pop Served: 45000 Connections: 11664
Area Served: BALDWIN PARK

B19
ESE **CA WELLS 1275**
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	01S/10W-20B08 S	User ID:	MET
FRDS Number:	1910205024	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340400.0 1175700.0	Precision:	Undefined
Source Name:	139-W1		
System Number:	1910205		
System Name:	SUBURBAN WATER SYSTEMS-SAN JOSE		
Organization That Operates System:			
	1211 E. CENTER COURT DRIVE		
	COVINA, CA 91724		
Pop Served:	89591	Connections:	31997
Area Served:	Not Reported		

B20
ESE **CA WELLS 1277**
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	01S/10W-20B10 S	User ID:	MET
FRDS Number:	1910205026	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	340400.0 1175700.0	Precision:	Undefined
Source Name:	139-W3 - DESTROYED		
System Number:	1910205		
System Name:	SUBURBAN WATER SYSTEMS-SAN JOSE		
Organization That Operates System:			
	1211 E. CENTER COURT DRIVE		
	COVINA, CA 91724		
Pop Served:	89591	Connections:	31997
Area Served:	Not Reported		

B21
ESE **CA WELLS 1276**
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	01S/10W-20B09 S	User ID:	MET
FRDS Number:	1910205025	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340400.0 1175700.0	Precision:	Undefined
Source Name:	139-W2		

System Number: 1910205
System Name: SUBURBAN WATER SYSTEMS-SAN JOSE
Organization That Operates System:
1211 E. CENTER COURT DRIVE
COVINA, CA 91724
Pop Served: 89591 Connections: 31997
Area Served: Not Reported

C22
ENE **CA WELLS** **1279**
1/2 - 1 Mile
Higher

Water System Information:
Prime Station Code: 01S/10W-20B15 S User ID: MET
FRDS Number: 1910205028 County: Los Angeles
District Number: 15 Station Type: WELL/AMBNT/MUN/INTAKE
Water Type: Well/Groundwater Well Status: Active Raw
Source Lat/Long: 340427.0 1175700.0 Precision: 1,000 Feet (10 Seconds)
Source Name: 139-W5
System Number: 1910205
System Name: SUBURBAN WATER SYSTEMS-SAN JOSE
Organization That Operates System:
1211 E. CENTER COURT DRIVE
COVINA, CA 91724
Pop Served: 89591 Connections: 31997
Area Served: Not Reported

C23
ENE **CA WELLS** **14394**
1/2 - 1 Mile
Higher

Water System Information:
Prime Station Code: 1910205-054 User ID: MET
FRDS Number: 1910205054 County: Los Angeles
District Number: 15 Station Type: WELL/AMBNT/MUN/INTAKE
Water Type: Well/Groundwater Well Status: Active Raw
Source Lat/Long: 340427.0 1175700.0 Precision: 1,000 Feet (10 Seconds)
Source Name: WELL 139-W6
System Number: 1910205
System Name: SUBURBAN WATER SYSTEMS-SAN JOSE
Organization That Operates System:
1211 E. CENTER COURT DRIVE
COVINA, CA 91724
Pop Served: 89591 Connections: 31997
Area Served: Not Reported

D24
SW **CA WELLS** **22777**
1/2 - 1 Mile
Lower

Water System Information:
Prime Station Code: G19/060-VOASEF2 User ID: 4TH
FRDS Number: 1910060010 County: Los Angeles
District Number: 07 Station Type: COMP/WELL/AMBNT/MUN/INTAKE
Water Type: Well/Groundwater Well Status: Combined Treated
Source Lat/Long: 340350.0 1175800.0 Precision: 1,000 Feet (10 Seconds)
Source Name: WELLS 2,3 & 4-AIR STRIPPING #2-EFFLUENT

System Number: 1910060
System Name: LA PUENTE VALLEY CWD
Organization That Operates System:
15825 EAST MAIN STREET
LA PUENTE, CA 91744
Pop Served: 8191 Connections: 2482
Area Served: LA PUENTE

D25
SW **CA WELLS** **22776**
1/2 - 1 Mile
Lower

Water System Information:
Prime Station Code: G19/060-VOASEF1 User ID: 4TH
FRDS Number: 1910060005 County: Los Angeles
District Number: 07 Station Type: COMP/WELL/AMBNT/MUN/INTAKE
Water Type: Well/Groundwater Well Status: Combined Treated
Source Lat/Long: 340350.0 1175800.0 Precision: 1,000 Feet (10 Seconds)
Source Name: WELLS 2,3, & 4-AIR STRIPPING #1-EFFLUENT
System Number: 1910060
System Name: LA PUENTE VALLEY CWD
Organization That Operates System:
15825 EAST MAIN STREET
LA PUENTE, CA 91744
Pop Served: 8191 Connections: 2482
Area Served: LA PUENTE

D26
SW **CA WELLS** **22775**
1/2 - 1 Mile
Lower

Water System Information:
Prime Station Code: G19/060-SYSTM01 User ID: 4TH
FRDS Number: 1910060006 County: Los Angeles
District Number: 07 Station Type: WELL/AMBNT/MUN/INTAKE
Water Type: Well/Groundwater Well Status: Combined Treated
Source Lat/Long: 340350.0 1175800.0 Precision: 1,000 Feet (10 Seconds)
Source Name: HUDSON RESERVOIR - TREATED
System Number: 1910060
System Name: LA PUENTE VALLEY CWD
Organization That Operates System:
15825 EAST MAIN STREET
LA PUENTE, CA 91744
Pop Served: 8191 Connections: 2482
Area Served: LA PUENTE

D27
SW **CA WELLS** **22780**
1/2 - 1 Mile
Lower

Water System Information:
Prime Station Code: G19/060-WETWELL User ID: 4TH
FRDS Number: 1910060008 County: Los Angeles
District Number: 07 Station Type: WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type: Well/Groundwater Well Status: Combined Treated
Source Lat/Long: 340350.0 1175800.0 Precision: 1,000 Feet (10 Seconds)
Source Name: WELLS 2,3 & 4 - WET WELL - EFFLUENT

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 1910060
System Name: LA PUENTE VALLEY CWD
Organization That Operates System:
15825 EAST MAIN STREET
LA PUENTE, CA 91744
Pop Served: 8191 Connections: 2482
Area Served: LA PUENTE

Sample Collected:	05-NOV-12	Findings:	8.07
Chemical:	PH, LABORATORY		
Sample Collected:	15-APR-13	Findings:	8.24
Chemical:	PH, LABORATORY		
Sample Collected:	16-SEP-13	Findings:	7.95
Chemical:	PH, LABORATORY		
Sample Collected:	01-MAR-11	Findings:	7.9
Chemical:	PH, LABORATORY		
Sample Collected:	01-AUG-11	Findings:	8.21
Chemical:	PH, LABORATORY		
Sample Collected:	04-JAN-12	Findings:	8.02
Chemical:	PH, LABORATORY		
Sample Collected:	04-JUN-12	Findings:	8.01
Chemical:	PH, LABORATORY		
Sample Collected:	11-JUN-12	Findings:	8.1
Chemical:	PH, LABORATORY		
Sample Collected:	13-NOV-12	Findings:	8.03
Chemical:	PH, LABORATORY		
Sample Collected:	19-NOV-12	Findings:	8.19
Chemical:	PH, LABORATORY		
Sample Collected:	22-APR-13	Findings:	8.24
Chemical:	PH, LABORATORY		
Sample Collected:	29-APR-13	Findings:	8.14
Chemical:	PH, LABORATORY		
Sample Collected:	23-SEP-13	Findings:	8.17
Chemical:	PH, LABORATORY		
Sample Collected:	01-OCT-13	Findings:	8.17
Chemical:	PH, LABORATORY		
Sample Collected:	07-MAR-11	Findings:	8.24
Chemical:	PH, LABORATORY		
Sample Collected:	14-MAR-11	Findings:	8.22
Chemical:	PH, LABORATORY		
Sample Collected:	08-AUG-11	Findings:	8.32
Chemical:	PH, LABORATORY		
Sample Collected:	15-AUG-11	Findings:	8.01
Chemical:	PH, LABORATORY		
Sample Collected:	09-JAN-12	Findings:	7.94
Chemical:	PH, LABORATORY		

Sample Collected:	17-JAN-12	Findings:	7.92
Chemical:	PH, LABORATORY		
Sample Collected:	18-JUN-12	Findings:	8.01
Chemical:	PH, LABORATORY		
Sample Collected:	26-NOV-12	Findings:	8.18
Chemical:	PH, LABORATORY		
Sample Collected:	06-MAY-13	Findings:	8.1
Chemical:	PH, LABORATORY		
Sample Collected:	07-OCT-13	Findings:	8.12
Chemical:	PH, LABORATORY		
Sample Collected:	22-MAR-11	Findings:	8.15
Chemical:	PH, LABORATORY		
Sample Collected:	22-AUG-11	Findings:	7.99
Chemical:	PH, LABORATORY		
Sample Collected:	24-JAN-12	Findings:	7.94
Chemical:	PH, LABORATORY		
Sample Collected:	25-JUN-12	Findings:	8.12
Chemical:	PH, LABORATORY		
Sample Collected:	04-DEC-12	Findings:	8.01
Chemical:	PH, LABORATORY		
Sample Collected:	10-DEC-12	Findings:	8.2
Chemical:	PH, LABORATORY		
Sample Collected:	13-MAY-13	Findings:	8.16
Chemical:	PH, LABORATORY		
Sample Collected:	28-MAY-13	Findings:	8.23
Chemical:	PH, LABORATORY		
Sample Collected:	15-OCT-13	Findings:	8.07
Chemical:	PH, LABORATORY		
Sample Collected:	22-OCT-13	Findings:	7.99
Chemical:	PH, LABORATORY		
Sample Collected:	28-MAR-11	Findings:	8.09
Chemical:	PH, LABORATORY		
Sample Collected:	04-APR-11	Findings:	8.23
Chemical:	PH, LABORATORY		
Sample Collected:	29-AUG-11	Findings:	8.
Chemical:	PH, LABORATORY		
Sample Collected:	06-SEP-11	Findings:	8.06
Chemical:	PH, LABORATORY		
Sample Collected:	30-JAN-12	Findings:	8.06
Chemical:	PH, LABORATORY		
Sample Collected:	06-FEB-12	Findings:	6.73
Chemical:	PH, LABORATORY		
Sample Collected:	03-JUL-12	Findings:	7.84
Chemical:	PH, LABORATORY		

Sample Collected:	09-JUL-12	Findings:	7.66
Chemical:	PH, LABORATORY		
Sample Collected:	17-DEC-12	Findings:	8.23
Chemical:	PH, LABORATORY		
Sample Collected:	03-JUN-13	Findings:	8.21
Chemical:	PH, LABORATORY		
Sample Collected:	28-OCT-13	Findings:	7.96
Chemical:	PH, LABORATORY		
Sample Collected:	12-APR-11	Findings:	7.98
Chemical:	PH, LABORATORY		
Sample Collected:	12-SEP-11	Findings:	8.02
Chemical:	PH, LABORATORY		
Sample Collected:	13-FEB-12	Findings:	7.97
Chemical:	PH, LABORATORY		
Sample Collected:	17-JUL-12	Findings:	6.42
Chemical:	PH, LABORATORY		
Sample Collected:	24-DEC-12	Findings:	8.22
Chemical:	PH, LABORATORY		
Sample Collected:	10-JUN-13	Findings:	8.2
Chemical:	PH, LABORATORY		
Sample Collected:	17-JUN-13	Findings:	8.18
Chemical:	PH, LABORATORY		
Sample Collected:	04-NOV-13	Findings:	8.03
Chemical:	PH, LABORATORY		
Sample Collected:	12-NOV-13	Findings:	8.06
Chemical:	PH, LABORATORY		
Sample Collected:	20-APR-11	Findings:	7.94
Chemical:	PH, LABORATORY		
Sample Collected:	25-APR-11	Findings:	8.09
Chemical:	PH, LABORATORY		
Sample Collected:	19-SEP-11	Findings:	8.19
Chemical:	PH, LABORATORY		
Sample Collected:	26-SEP-11	Findings:	8.02
Chemical:	PH, LABORATORY		
Sample Collected:	21-FEB-12	Findings:	8.23
Chemical:	PH, LABORATORY		
Sample Collected:	27-FEB-12	Findings:	8.
Chemical:	PH, LABORATORY		
Sample Collected:	23-JUL-12	Findings:	8.06
Chemical:	PH, LABORATORY		
Sample Collected:	30-JUL-12	Findings:	8.07
Chemical:	PH, LABORATORY		
Sample Collected:	07-JAN-13	Findings:	8.12
Chemical:	PH, LABORATORY		

Sample Collected:	25-JUN-13	Findings:	8.04
Chemical:	PH, LABORATORY		
Sample Collected:	18-NOV-13	Findings:	8.12
Chemical:	PH, LABORATORY		
Sample Collected:	02-MAY-11	Findings:	8.07
Chemical:	PH, LABORATORY		
Sample Collected:	03-OCT-11	Findings:	7.85
Chemical:	PH, LABORATORY		
Sample Collected:	05-MAR-12	Findings:	8.06
Chemical:	PH, LABORATORY		
Sample Collected:	06-AUG-12	Findings:	8.08
Chemical:	PH, LABORATORY		
Sample Collected:	14-JAN-13	Findings:	8.07
Chemical:	PH, LABORATORY		
Sample Collected:	27-JUN-13	Findings:	8.18
Chemical:	PH, LABORATORY		
Sample Collected:	27-JUN-13	Findings:	170. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	27-JUN-13	Findings:	210. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	27-JUN-13	Findings:	210. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	27-JUN-13	Findings:	60.1 MG/L
Chemical:	CALCIUM		
Sample Collected:	27-JUN-13	Findings:	14.6 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	27-JUN-13	Findings:	27. MG/L
Chemical:	CHLORIDE		
Sample Collected:	27-JUN-13	Findings:	320. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	27-JUN-13	Findings:	0.794
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	01-JUL-13	Findings:	8.08
Chemical:	PH, LABORATORY		
Sample Collected:	25-NOV-13	Findings:	8.03
Chemical:	PH, LABORATORY		
Sample Collected:	09-MAY-11	Findings:	8.01
Chemical:	PH, LABORATORY		
Sample Collected:	09-MAY-11	Findings:	3.1 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	16-MAY-11	Findings:	7.99
Chemical:	PH, LABORATORY		
Sample Collected:	10-OCT-11	Findings:	7.92
Chemical:	PH, LABORATORY		

Sample Collected:	17-OCT-11	Findings:	7.91
Chemical:	PH, LABORATORY		
Sample Collected:	12-MAR-12	Findings:	8.05
Chemical:	PH, LABORATORY		
Sample Collected:	19-MAR-12	Findings:	7.9
Chemical:	PH, LABORATORY		
Sample Collected:	13-AUG-12	Findings:	8.
Chemical:	PH, LABORATORY		
Sample Collected:	20-AUG-12	Findings:	8.02
Chemical:	PH, LABORATORY		
Sample Collected:	22-JAN-13	Findings:	8.22
Chemical:	PH, LABORATORY		
Sample Collected:	28-JAN-13	Findings:	8.19
Chemical:	PH, LABORATORY		
Sample Collected:	08-JUL-13	Findings:	8.19
Chemical:	PH, LABORATORY		
Sample Collected:	15-JUL-13	Findings:	8.1
Chemical:	PH, LABORATORY		
Sample Collected:	23-MAY-11	Findings:	8.04
Chemical:	PH, LABORATORY		
Sample Collected:	24-OCT-11	Findings:	8.09
Chemical:	PH, LABORATORY		
Sample Collected:	26-MAR-12	Findings:	7.93
Chemical:	PH, LABORATORY		
Sample Collected:	27-AUG-12	Findings:	8.07
Chemical:	PH, LABORATORY		
Sample Collected:	04-FEB-13	Findings:	8.18
Chemical:	PH, LABORATORY		
Sample Collected:	23-JUL-13	Findings:	8.16
Chemical:	PH, LABORATORY		
Sample Collected:	31-MAY-11	Findings:	8.05
Chemical:	PH, LABORATORY		
Sample Collected:	06-JUN-11	Findings:	8.01
Chemical:	PH, LABORATORY		
Sample Collected:	31-OCT-11	Findings:	7.98
Chemical:	PH, LABORATORY		
Sample Collected:	07-NOV-11	Findings:	7.77
Chemical:	PH, LABORATORY		
Sample Collected:	02-APR-12	Findings:	7.86
Chemical:	PH, LABORATORY		
Sample Collected:	09-APR-12	Findings:	8.08
Chemical:	PH, LABORATORY		
Sample Collected:	04-SEP-12	Findings:	8.21
Chemical:	PH, LABORATORY		

Sample Collected:	10-SEP-12	Findings:	8.01
Chemical:	PH, LABORATORY		
Sample Collected:	11-FEB-13	Findings:	8.23
Chemical:	PH, LABORATORY		
Sample Collected:	20-FEB-13	Findings:	8.13
Chemical:	PH, LABORATORY		
Sample Collected:	29-JUL-13	Findings:	8.21
Chemical:	PH, LABORATORY		
Sample Collected:	05-AUG-13	Findings:	8.16
Chemical:	PH, LABORATORY		
Sample Collected:	03-JAN-11	Findings:	8.24
Chemical:	PH, LABORATORY		
Sample Collected:	14-JUN-11	Findings:	8.05
Chemical:	PH, LABORATORY		
Sample Collected:	14-NOV-11	Findings:	8.08
Chemical:	PH, LABORATORY		
Sample Collected:	16-APR-12	Findings:	8.02
Chemical:	PH, LABORATORY		
Sample Collected:	17-SEP-12	Findings:	8.12
Chemical:	PH, LABORATORY		
Sample Collected:	25-FEB-13	Findings:	8.15
Chemical:	PH, LABORATORY		
Sample Collected:	10-AUG-13	Findings:	25. UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	10-AUG-13	Findings:	32. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-JAN-11	Findings:	40. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	13-JAN-11	Findings:	8.05
Chemical:	PH, LABORATORY		
Sample Collected:	20-JUN-11	Findings:	7.98
Chemical:	PH, LABORATORY		
Sample Collected:	27-JUN-11	Findings:	7.86
Chemical:	PH, LABORATORY		
Sample Collected:	21-NOV-11	Findings:	7.97
Chemical:	PH, LABORATORY		
Sample Collected:	28-NOV-11	Findings:	8.
Chemical:	PH, LABORATORY		
Sample Collected:	23-APR-12	Findings:	7.98
Chemical:	PH, LABORATORY		
Sample Collected:	01-MAY-12	Findings:	7.81
Chemical:	PH, LABORATORY		
Sample Collected:	24-SEP-12	Findings:	8.01
Chemical:	PH, LABORATORY		

Sample Collected:	04-MAR-13	Findings:	8.22
Chemical:	PH, LABORATORY		
Sample Collected:	11-MAR-13	Findings:	8.19
Chemical:	PH, LABORATORY		
Sample Collected:	10-AUG-13	Findings:	16. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	13-AUG-13	Findings:	8.16
Chemical:	PH, LABORATORY		
Sample Collected:	19-AUG-13	Findings:	8.21
Chemical:	PH, LABORATORY		
Sample Collected:	19-JAN-11	Findings:	7.96
Chemical:	PH, LABORATORY		
Sample Collected:	25-JAN-11	Findings:	8.01
Chemical:	PH, LABORATORY		
Sample Collected:	05-JUL-11	Findings:	8.21
Chemical:	PH, LABORATORY		
Sample Collected:	05-DEC-11	Findings:	7.94
Chemical:	PH, LABORATORY		
Sample Collected:	07-MAY-12	Findings:	7.84
Chemical:	PH, LABORATORY		
Sample Collected:	02-OCT-12	Findings:	7.99
Chemical:	PH, LABORATORY		
Sample Collected:	09-OCT-12	Findings:	7.98
Chemical:	PH, LABORATORY		
Sample Collected:	18-MAR-13	Findings:	8.21
Chemical:	PH, LABORATORY		
Sample Collected:	26-AUG-13	Findings:	8.2
Chemical:	PH, LABORATORY		
Sample Collected:	31-JAN-11	Findings:	8.16
Chemical:	PH, LABORATORY		
Sample Collected:	11-JUL-11	Findings:	8.01
Chemical:	PH, LABORATORY		
Sample Collected:	13-DEC-11	Findings:	7.97
Chemical:	PH, LABORATORY		
Sample Collected:	19-DEC-11	Findings:	7.96
Chemical:	PH, LABORATORY		
Sample Collected:	14-MAY-12	Findings:	8.
Chemical:	PH, LABORATORY		
Sample Collected:	21-MAY-12	Findings:	8.12
Chemical:	PH, LABORATORY		
Sample Collected:	15-OCT-12	Findings:	8.05
Chemical:	PH, LABORATORY		
Sample Collected:	25-MAR-13	Findings:	8.18
Chemical:	PH, LABORATORY		

Sample Collected:	01-APR-13	Findings:	7.81
Chemical:	PH, LABORATORY		
Sample Collected:	29-AUG-13	Findings:	22. UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	29-AUG-13	Findings:	32. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	29-AUG-13	Findings:	18. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	07-FEB-11	Findings:	8.2
Chemical:	PH, LABORATORY		
Sample Collected:	14-FEB-11	Findings:	8.23
Chemical:	PH, LABORATORY		
Sample Collected:	18-JUL-11	Findings:	8.22
Chemical:	PH, LABORATORY		
Sample Collected:	25-JUL-11	Findings:	8.17
Chemical:	PH, LABORATORY		
Sample Collected:	27-DEC-11	Findings:	7.87
Chemical:	PH, LABORATORY		
Sample Collected:	29-MAY-12	Findings:	8.
Chemical:	PH, LABORATORY		
Sample Collected:	22-OCT-12	Findings:	8.09
Chemical:	PH, LABORATORY		
Sample Collected:	29-OCT-12	Findings:	8.13
Chemical:	PH, LABORATORY		
Sample Collected:	08-APR-13	Findings:	8.19
Chemical:	PH, LABORATORY		
Sample Collected:	03-SEP-13	Findings:	8.18
Chemical:	PH, LABORATORY		
Sample Collected:	10-SEP-13	Findings:	8.17
Chemical:	PH, LABORATORY		
Sample Collected:	22-FEB-11	Findings:	8.06
Chemical:	PH, LABORATORY		

D28
SW
1/2 - 1 Mile
Lower

CA WELLS **22779**

Water System Information:

Prime Station Code:	G19/060-VOASIN2	User ID:	4TH
FRDS Number:	1910060009	County:	Los Angeles
District Number:	07	Station Type:	COMP/WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Combined Treated
Source Lat/Long:	340350.0 1175800.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELLS 2,3, & 4-AIR STRIPPING #2-INFLUENT		
System Number:	1910060		
System Name:	LA PUENTE VALLEY CWD		
Organization That Operates System:			
	15825 EAST MAIN STREET		
	LA PUENTE, CA 91744		
Pop Served:	8191	Connections:	2482
Area Served:	LA PUENTE		

Map ID Direction Distance Elevation		Database	EDR ID Number
D29 **SW** **1/2 - 1 Mile** **Lower**		**CA WELLS**	**22778**

Water System Information:

Prime Station Code:	G19/060-VOASIN1	User ID:	4TH
FRDS Number:	1910060007	County:	Los Angeles
District Number:	07	Station Type:	COMP/WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Combined Treated
Source Lat/Long:	340350.0 1175800.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELLS 2,3 & 4-AIR STRIPPING #1-INFLUENT		
System Number:	1910060		
System Name:	LA PUENTE VALLEY CWD		
Organization That Operates System:			
	15825 EAST MAIN STREET		
	LA PUENTE, CA 91744		
Pop Served:	8191	Connections:	2482
Area Served:	LA PUENTE		

E30 **WSW** **1/2 - 1 Mile** **Lower**		**FED USGS**	**USGS40000140464**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-340404117580901		
Monloc name:	001S010W19L001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070106	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.0677873
Longitude:	-117.9700647	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	474
Welldepth units:	ft	Wellholedepth:	474
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

E31 **WSW** **1/2 - 1 Mile** **Lower**		**FED USGS**	**USGS40000140465**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-340404117580902		
Monloc name:	001S010W19L002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070106	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.0677873
Longitude:	-117.9700647	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	526
Welldepth units:	ft	Wellholedepth:	526
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

32
SE **CA WELLS** **1313**
1/2 - 1 Mile
Higher

Water System Information:

Prime Station Code:	01S/10W-31E01 S	User ID:	MET
FRDS Number:	1910039032	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Abandoned
Source Lat/Long:	340345.0 1175710.0	Precision:	1 Mile (One Minute)
Source Name:	WELL B9 - ABANDONED		
System Number:	1910039		
System Name:	SAN GABRIEL VALLEY WATER CO.-EL MONTE		
Organization That Operates System:			
	P O BOX 6010		
	EL MONTE, CA 91734		
Pop Served:	151064	Connections:	43161
Area Served:	EL MONTE/SAN GABRIEL BASIN		

E33
West **CA WELLS** **1427**
1/2 - 1 Mile
Lower

Water System Information:

Prime Station Code:	01S/11W-30B05 S	User ID:	MET
FRDS Number:	1910039012	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340406.0 1175810.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 08E		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 1910039
System Name: SAN GABRIEL VALLEY WATER CO.-EL MONTE
Organization That Operates System:
P O BOX 6010
EL MONTE, CA 91734
Pop Served: 151064 Connections: 43161
Area Served: EL MONTE/SAN GABRIEL BASIN

Sample Collected:	26-MAY-11	Findings:	4.2 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	08-AUG-11	Findings:	1.6 PCI/L
Chemical:	URANIUM (PCI/L)		
Sample Collected:	05-JUN-13	Findings:	7.1 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03-NOV-11	Findings:	1.8 UG/L
Chemical:	MOLYDBENDUM		
Sample Collected:	05-JUL-13	Findings:	0.63 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01-AUG-13	Findings:	2. UG/L
Chemical:	MOLYDBENDUM		
Sample Collected:	01-AUG-13	Findings:	0.68 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06-AUG-13	Findings:	0.74 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	14-AUG-13	Findings:	20.6 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	14-AUG-13	Findings:	330. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	14-AUG-13	Findings:	8.02
Chemical:	PH, LABORATORY		
Sample Collected:	14-AUG-13	Findings:	160. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	14-AUG-13	Findings:	190. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	14-AUG-13	Findings:	110. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	14-AUG-13	Findings:	37. MG/L
Chemical:	CALCIUM		
Sample Collected:	14-AUG-13	Findings:	5.2 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	14-AUG-13	Findings:	26. MG/L
Chemical:	SODIUM		
Sample Collected:	14-AUG-13	Findings:	1.3 MG/L
Chemical:	POTASSIUM		
Sample Collected:	14-AUG-13	Findings:	4. MG/L
Chemical:	CHLORIDE		

Sample Collected:	14-AUG-13	Findings:	0.46 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	14-AUG-13	Findings:	200. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	14-AUG-13	Findings:	0.926
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	14-AUG-13	Findings:	0.413
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	14-AUG-13	Findings:	12.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	21-AUG-13	Findings:	0.45 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	21-AUG-13	Findings:	0.84 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04-SEP-13	Findings:	0.56 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02-OCT-13	Findings:	0.65 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06-NOV-13	Findings:	0.59 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06-NOV-13	Findings:	0.54 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08-AUG-12	Findings:	240. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02-OCT-12	Findings:	1.2 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01-FEB-11	Findings:	2.8 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	19-DEC-12	Findings:	1.7 UG/L
Chemical:	MOLYDBENDUM		

E34
West
1/2 - 1 Mile
Lower

CA WELLS **1414**

Water System Information:

Prime Station Code:	01S/11W-26K03 S	User ID:	MET
FRDS Number:	1910039024	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340405.0 1175810.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL B5C		
System Number:	1910039		
System Name:	SAN GABRIEL VALLEY WATER CO.-EL MONTE		
Organization That Operates System:			
	P O BOX 6010		
	EL MONTE, CA 91734		
Pop Served:	151064	Connections:	43161
Area Served:	EL MONTE/SAN GABRIEL BASIN		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C35
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000140613**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-340427117565701		
Monloc name:	001S010W20B005S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070106	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.0741761
Longitude:	-117.950064	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

E36
West
1/2 - 1 Mile
Lower

CA WELLS **1271**

Water System Information:

Prime Station Code:	01S/10W-19L04 S	User ID:	MET
FRDS Number:	1910039027	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340407.0 1175812.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL B6D		
System Number:	1910039		
System Name:	SAN GABRIEL VALLEY WATER CO.-EL MONTE		
Organization That Operates System:			
	P O BOX 6010		
	EL MONTE, CA 91734		
Pop Served:	151064	Connections:	43161
Area Served:	EL MONTE/SAN GABRIEL BASIN		
Sample Collected:	27-MAR-12	Findings:	4.6 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		

Sample Collected:	27-MAR-12	Findings:	48. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	27-MAR-12	Findings:	2. UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	16-MAY-12	Findings:	2.2 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	16-MAY-12	Findings:	1.8 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	16-MAY-12	Findings:	0.14 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	16-MAY-12	Findings:	7.2 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	16-MAY-12	Findings:	1.1 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	16-MAY-12	Findings:	0.78 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	16-MAY-12	Findings:	1.8 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	16-MAY-12	Findings:	5.6 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	16-MAY-12	Findings:	54. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	16-MAY-12	Findings:	25. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	16-MAY-12	Findings:	2.4 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	16-MAY-12	Findings:	59. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	16-MAY-12	Findings:	1.7 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	09-AUG-12	Findings:	2.6 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09-AUG-12	Findings:	1.7 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09-AUG-12	Findings:	0.14 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	09-AUG-12	Findings:	5.4 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09-AUG-12	Findings:	1. UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	09-AUG-12	Findings:	0.6 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09-AUG-12	Findings:	1.6 UG/L
Chemical:	1,2-DICHLOROETHANE		

Sample Collected:	09-AUG-12	Findings:	5.6 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	09-AUG-12	Findings:	46. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09-AUG-12	Findings:	370. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09-AUG-12	Findings:	25. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09-AUG-12	Findings:	2.2 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09-AUG-12	Findings:	59. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	09-AUG-12	Findings:	1.6 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	14-NOV-12	Findings:	1.9 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	14-NOV-12	Findings:	2.1 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	14-NOV-12	Findings:	0.11 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	14-NOV-12	Findings:	6.1 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	14-NOV-12	Findings:	1.2 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	14-NOV-12	Findings:	0.62 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	14-NOV-12	Findings:	1.7 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	14-NOV-12	Findings:	4.4 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	14-NOV-12	Findings:	50. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	14-NOV-12	Findings:	23. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	14-NOV-12	Findings:	2.2 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	14-NOV-12	Findings:	44. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	14-NOV-12	Findings:	1.8 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	25-FEB-13	Findings:	1.8 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	25-FEB-13	Findings:	1.6 UG/L
Chemical:	CHLOROFORM (THM)		

Sample Collected:	25-FEB-13	Findings:	4.9e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	25-FEB-13	Findings:	3.9 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	25-FEB-13	Findings:	0.82 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	25-FEB-13	Findings:	1.2 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	25-FEB-13	Findings:	3.6 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	25-FEB-13	Findings:	37. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	25-FEB-13	Findings:	20. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	25-FEB-13	Findings:	1.4 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	25-FEB-13	Findings:	30. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	25-FEB-13	Findings:	1.1 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	04-MAR-13	Findings:	1.8 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	04-MAR-13	Findings:	1.3 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04-MAR-13	Findings:	4.6 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04-MAR-13	Findings:	0.95 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	04-MAR-13	Findings:	1.3 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	04-MAR-13	Findings:	4.2 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	04-MAR-13	Findings:	44. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04-MAR-13	Findings:	1.6 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	16-MAY-13	Findings:	2. UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	16-MAY-13	Findings:	1.8 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	16-MAY-13	Findings:	9.3e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	16-MAY-13	Findings:	5.2 UG/L
Chemical:	TETRACHLOROETHYLENE		

Sample Collected:	16-MAY-13	Findings:	1. UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	16-MAY-13	Findings:	0.61 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	16-MAY-13	Findings:	1.7 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	16-MAY-13	Findings:	5.3 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	16-MAY-13	Findings:	50. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	16-MAY-13	Findings:	24. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	16-MAY-13	Findings:	2.1 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	16-MAY-13	Findings:	51. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	16-MAY-13	Findings:	1.5 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	22-AUG-13	Findings:	550. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	22-AUG-13	Findings:	7.57
Chemical:	PH, LABORATORY		
Sample Collected:	22-AUG-13	Findings:	170. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	22-AUG-13	Findings:	210. MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	22-AUG-13	Findings:	230. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	22-AUG-13	Findings:	66. MG/L
Chemical:	CALCIUM		
Sample Collected:	22-AUG-13	Findings:	16. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	22-AUG-13	Findings:	22. MG/L
Chemical:	SODIUM		
Sample Collected:	22-AUG-13	Findings:	3.1 MG/L
Chemical:	POTASSIUM		
Sample Collected:	22-AUG-13	Findings:	40. MG/L
Chemical:	CHLORIDE		
Sample Collected:	22-AUG-13	Findings:	0.41 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	22-AUG-13	Findings:	620. UG/L
Chemical:	IRON		
Sample Collected:	22-AUG-13	Findings:	38. UG/L
Chemical:	MANGANESE		

Sample Collected:	22-AUG-13	Findings:	9.9e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	22-AUG-13	Findings:	0.52 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	22-AUG-13	Findings:	3.3 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	22-AUG-13	Findings:	320. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	22-AUG-13	Findings:	0.714
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	22-AUG-13	Findings:	0.28
Chemical:	LANGELIER INDEX AT SOURCE TEMP.		
Sample Collected:	22-AUG-13	Findings:	23. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	22-AUG-13	Findings:	3. NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	22-AUG-13	Findings:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	22-AUG-13	Findings:	54. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	22-AUG-13	Findings:	1.4 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	09-FEB-11	Findings:	8.3 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09-FEB-11	Findings:	2. UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09-FEB-11	Findings:	0.14 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	09-FEB-11	Findings:	1.6 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09-FEB-11	Findings:	2.5 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	09-FEB-11	Findings:	2. UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	09-FEB-11	Findings:	77. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09-FEB-11	Findings:	17. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09-FEB-11	Findings:	1.3 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	09-FEB-11	Findings:	73. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	09-FEB-11	Findings:	2.2 UG/L
Chemical:	1,4-DIOXANE		

Sample Collected:	25-MAR-11	Findings:	7.9 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	25-MAR-11	Findings:	1.5 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	25-MAR-11	Findings:	1.2 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	25-MAR-11	Findings:	1.8 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	25-MAR-11	Findings:	1.6 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	25-MAR-11	Findings:	60. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	25-MAR-11	Findings:	0.8 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	26-MAY-11	Findings:	6.7 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	26-MAY-11	Findings:	1.1 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	26-MAY-11	Findings:	0.1 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	26-MAY-11	Findings:	1.4 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	26-MAY-11	Findings:	1.8 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	26-MAY-11	Findings:	1.3 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	26-MAY-11	Findings:	74. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	26-MAY-11	Findings:	14. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	26-MAY-11	Findings:	0.93 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	26-MAY-11	Findings:	47. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	26-MAY-11	Findings:	1.3 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	01-JUN-11	Findings:	1.5 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	15-SEP-11	Findings:	0.42 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	15-SEP-11	Findings:	110. UG/L
Chemical:	BARIUM		
Sample Collected:	15-SEP-11	Findings:	1.8 PCI/L
Chemical:	URANIUM (PCI/L)		

Sample Collected:	15-SEP-11	Findings:	2.7 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	15-SEP-11	Findings:	1.2 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	15-SEP-11	Findings:	0.11 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	15-SEP-11	Findings:	4.4 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	15-SEP-11	Findings:	0.72 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	15-SEP-11	Findings:	1.4 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	15-SEP-11	Findings:	4.3 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	15-SEP-11	Findings:	47. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	15-SEP-11	Findings:	21. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	15-SEP-11	Findings:	1.4 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	15-SEP-11	Findings:	43. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	15-SEP-11	Findings:	1.4 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	08-NOV-11	Findings:	6.2 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	08-NOV-11	Findings:	1.7 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08-NOV-11	Findings:	0.13 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	08-NOV-11	Findings:	3. UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08-NOV-11	Findings:	0.52 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	08-NOV-11	Findings:	2. UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	08-NOV-11	Findings:	3.9 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	08-NOV-11	Findings:	62. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08-NOV-11	Findings:	18. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08-NOV-11	Findings:	1.2 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		

Sample Collected:	08-NOV-11	Findings:	52. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	08-NOV-11	Findings:	1.7 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	02-FEB-12	Findings:	2.7 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	02-FEB-12	Findings:	6.e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	02-FEB-12	Findings:	3.4 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02-FEB-12	Findings:	0.66 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	02-FEB-12	Findings:	1.1 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	02-FEB-12	Findings:	3.8 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	02-FEB-12	Findings:	36. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02-FEB-12	Findings:	22. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02-FEB-12	Findings:	34. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	02-FEB-12	Findings:	1.2 UG/L
Chemical:	1,4-DIOXANE		
Sample Collected:	27-MAR-12	Findings:	1.9 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	27-MAR-12	Findings:	1.8 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	27-MAR-12	Findings:	5.5 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	27-MAR-12	Findings:	1.1 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	27-MAR-12	Findings:	0.52 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	27-MAR-12	Findings:	1.7 UG/L
Chemical:	1,2-DICHLOROETHANE		

E37
West
1/2 - 1 Mile
Lower

CA WELLS **22727**

Water System Information:

Prime Station Code:	G19/039-NTBLREF	User ID:	MET
FRDS Number:	1910039048	County:	Los Angeles
District Number:	15	Station Type:	RESVR/WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Combined Treated
Source Lat/Long:	340407.0 1175812.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELLS B6C, B6D BLEND NITRATE - RES-EFF		

System Number: 1910039
System Name: SAN GABRIEL VALLEY WATER CO.-EL MONTE
Organization That Operates System:
P O BOX 6010
EL MONTE, CA 91734
Pop Served: 151064 Connections: 43161
Area Served: EL MONTE/SAN GABRIEL BASIN

E38
West
1/2 - 1 Mile
Lower

CA WELLS **22733**

Water System Information:

Prime Station Code:	G19/039-VOASEFD	User ID:	MET
FRDS Number:	1910039060	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Combined Treated
Source Lat/Long:	340407.0 1175812.0	Precision:	1,000 Feet (10 Seconds)

Source Name: WELL B6D - AIR STRIPPING - EFF - VOC
System Number: 1910039
System Name: SAN GABRIEL VALLEY WATER CO.-EL MONTE
Organization That Operates System:
P O BOX 6010
EL MONTE, CA 91734
Pop Served: 151064 Connections: 43161
Area Served: EL MONTE/SAN GABRIEL BASIN

39
SE
1/2 - 1 Mile
Higher

FED USGS **USGS40000140421**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-340351117565801		
Monloc name:	001S010W20Q001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070106	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.0641764
Longitude:	-117.9503418	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

40
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000140285**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-340330117575001		
Monloc name:	001S010W30G006S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070106	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.0583433
Longitude:	-117.9647867	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

41
West
1/2 - 1 Mile
Lower

CA WELLS **CADW50000004158**

Latitude :	34.0678		
Longitude :	117.9748		
Site code:	340678N1179748W001	Casgem sta:	Not Reported
Local well:	PZ3-2BD	Casgem s 1:	Observation
County id:	19		
Basin cd:	4-13	Basin desc:	San Gabriel Valley
Org unit n:	Southern Region Office	Site id:	CADW50000004158

F42
SSW
1/2 - 1 Mile
Lower

CA WELLS **1310**

Water System Information:

Prime Station Code:	01S/10W-30G07 S	User ID:	MET
FRDS Number:	1910205031	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340330.0 1175800.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	140-W4		

System Number: 1910205
System Name: SUBURBAN WATER SYSTEMS-SAN JOSE
Organization That Operates System:
1211 E. CENTER COURT DRIVE
COVINA, CA 91724
Pop Served: 89591 Connections: 31997
Area Served: Not Reported

F43
SSW **CA WELLS** **14385**
1/2 - 1 Mile
Lower

Water System Information:

Prime Station Code:	1910205-045	User ID:	MET
FRDS Number:	1910205045	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Treated
Source Lat/Long:	340327.0 1175757.0	Precision:	100 Feet (one Second)
Source Name:	WELL 140W-5		
System Number:	1910205		
System Name:	SUBURBAN WATER SYSTEMS-SAN JOSE		
Organization That Operates System:			
	1211 E. CENTER COURT DRIVE		
	COVINA, CA 91724		
Pop Served:	89591	Connections:	31997
Area Served:	Not Reported		
Sample Collected:	05-JUL-12	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	09-JUL-12	Findings:	9.7 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	13-JUL-12	Findings:	7.6 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	16-JUL-12	Findings:	8. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	23-JUL-12	Findings:	7. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	29-JUL-12	Findings:	8.2 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	30-JUL-12	Findings:	7.8 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	01-AUG-12	Findings:	1.9e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	01-AUG-12	Findings:	0.54 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	01-AUG-12	Findings:	8.5 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01-AUG-12	Findings:	19. MG/L
Chemical:	NITRATE (AS NO3)		

Sample Collected:	01-AUG-12	Findings:	7.7 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	07-AUG-12	Findings:	8.9 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	08-AUG-12	Findings:	12. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	13-AUG-12	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	15-AUG-12	Findings:	1.7e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	20-AUG-12	Findings:	10. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	21-AUG-12	Findings:	10. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	23-AUG-12	Findings:	9.1 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	27-AUG-12	Findings:	9.1 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	28-AUG-12	Findings:	9.6 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	30-AUG-12	Findings:	9.8 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	03-SEP-12	Findings:	9.8 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	10-SEP-12	Findings:	10. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	13-SEP-12	Findings:	0.58 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	13-SEP-12	Findings:	1.8e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	13-SEP-12	Findings:	0.65 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	13-SEP-12	Findings:	0.65 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	13-SEP-12	Findings:	11. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	13-SEP-12	Findings:	17. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	13-SEP-12	Findings:	9.3 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	17-SEP-12	Findings:	10. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	18-SEP-12	Findings:	8.9 UG/L
Chemical:	PERCHLORATE		

Sample Collected:	24-SEP-12	Findings:	9.7 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	27-SEP-12	Findings:	9.3 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	01-OCT-12	Findings:	8.5 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	02-OCT-12	Findings:	8.4 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	08-OCT-12	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	09-OCT-12	Findings:	0.67 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	09-OCT-12	Findings:	2.e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	09-OCT-12	Findings:	0.73 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09-OCT-12	Findings:	0.84 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	09-OCT-12	Findings:	14. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09-OCT-12	Findings:	15. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09-OCT-12	Findings:	12. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	12-OCT-12	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	15-OCT-12	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	22-OCT-12	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	23-OCT-12	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	29-OCT-12	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	05-NOV-12	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	07-NOV-12	Findings:	460. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07-NOV-12	Findings:	7.77
Chemical:	PH, LABORATORY		
Sample Collected:	07-NOV-12	Findings:	200. MG/L
Chemical:	ALKALINITY (TOTAL) AS CACO3		
Sample Collected:	07-NOV-12	Findings:	240. MG/L
Chemical:	BICARBONATE ALKALINITY		

Sample Collected:	07-NOV-12	Findings:	170. MG/L
Chemical:	HARDNESS (TOTAL) AS CACO3		
Sample Collected:	07-NOV-12	Findings:	47. MG/L
Chemical:	CALCIUM		
Sample Collected:	07-NOV-12	Findings:	13. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07-NOV-12	Findings:	26. MG/L
Chemical:	SODIUM		
Sample Collected:	07-NOV-12	Findings:	2.1 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07-NOV-12	Findings:	16. MG/L
Chemical:	CHLORIDE		
Sample Collected:	07-NOV-12	Findings:	0.47 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	17-JAN-11	Findings:	9.1 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-NOV-12	Findings:	280. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07-NOV-12	Findings:	17. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09-NOV-12	Findings:	9.e-003 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	09-NOV-12	Findings:	4. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09-NOV-12	Findings:	24. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09-NOV-12	Findings:	9. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	12-NOV-12	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	22-NOV-12	Findings:	6.9 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	26-NOV-12	Findings:	9.8 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	27-NOV-12	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	23-FEB-11	Findings:	2.9 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09-MAR-11	Findings:	2.6 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	18-DEC-12	Findings:	25. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	18-DEC-12	Findings:	7.7 UG/L
Chemical:	PERCHLORATE		

Sample Collected:	09-JAN-13	Findings:	27. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	16-MAR-11	Findings:	5.7 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	11-APR-11	Findings:	4.8 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	18-APR-11	Findings:	5.6 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	02-MAY-11	Findings:	6.4 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	03-MAY-11	Findings:	5.8 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	03-MAY-11	Findings:	5.6 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	09-JAN-13	Findings:	7.7 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	07-FEB-13	Findings:	27. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-FEB-13	Findings:	8.5 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	08-FEB-13	Findings:	8.5 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	04-MAY-11	Findings:	1.e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	04-MAY-11	Findings:	4.5 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04-MAY-11	Findings:	16. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04-MAY-11	Findings:	6.3 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	10-MAY-11	Findings:	4.7 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	11-MAY-11	Findings:	6.6 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	12-MAY-11	Findings:	8.4 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	16-MAY-11	Findings:	4.4 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	16-MAY-11	Findings:	9.4 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	20-MAY-11	Findings:	7.8 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	23-MAY-11	Findings:	6.9 UG/L
Chemical:	PERCHLORATE		

Sample Collected:	23-MAY-11	Findings:	7.8 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	26-MAY-11	Findings:	8.4 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	31-MAY-11	Findings:	8. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	31-MAY-11	Findings:	8.9 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	02-JUN-11	Findings:	7.9 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	06-JUN-11	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	07-JUN-11	Findings:	4.e-003 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	11-FEB-13	Findings:	8.2 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	18-FEB-13	Findings:	10. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	06-MAR-13	Findings:	7. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	15-MAR-13	Findings:	7.8 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	15-MAR-13	Findings:	28. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	23-MAR-13	Findings:	8. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	09-APR-13	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	17-APR-13	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	17-APR-13	Findings:	10. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	19-APR-13	Findings:	6.8 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	19-APR-13	Findings:	0.65 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	19-APR-13	Findings:	1.7e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	19-APR-13	Findings:	0.61 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07-JUN-11	Findings:	1.4 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07-JUN-11	Findings:	17. MG/L
Chemical:	NITRATE (AS NO3)		

Sample Collected:	07-JUN-11	Findings:	8.3 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	07-JUN-11	Findings:	7.7 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	11-JUN-11	Findings:	8.2 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	13-JUN-11	Findings:	6.2 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	13-JUN-11	Findings:	10. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	14-JUN-11	Findings:	8.1 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	14-JUN-11	Findings:	8.4 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	17-JUN-11	Findings:	8.1 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	20-JUN-11	Findings:	9.8 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	20-JUN-11	Findings:	9.4 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	23-JUN-11	Findings:	9.1 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	27-JUN-11	Findings:	8.9 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	04-JUL-11	Findings:	9. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	04-JUL-11	Findings:	9.3 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	07-JUL-11	Findings:	1.7e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	07-JUL-11	Findings:	0.59 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07-JUL-11	Findings:	0.63 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	07-JUL-11	Findings:	8.6 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07-JUL-11	Findings:	16. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	19-APR-13	Findings:	0.68 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	19-APR-13	Findings:	12. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	19-APR-13	Findings:	19. MG/L
Chemical:	NITRATE (AS NO3)		

Sample Collected:	19-APR-13	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	22-APR-13	Findings:	10. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	29-APR-13	Findings:	0.59 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	29-APR-13	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	06-MAY-13	Findings:	0.53 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	06-MAY-13	Findings:	9.5 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	13-MAY-13	Findings:	9.5 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	15-MAY-13	Findings:	1.2e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	15-MAY-13	Findings:	0.61 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	15-MAY-13	Findings:	9.4 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	15-MAY-13	Findings:	18. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07-JUL-11	Findings:	8.3 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	11-JUL-11	Findings:	8.5 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	18-JUL-11	Findings:	8.3 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	25-JUL-11	Findings:	7.8 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	01-AUG-11	Findings:	8.3 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	03-AUG-11	Findings:	2.4e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	03-AUG-11	Findings:	0.54 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	03-AUG-11	Findings:	8.7 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03-AUG-11	Findings:	17. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-AUG-11	Findings:	8.4 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	04-AUG-11	Findings:	8.1 UG/L
Chemical:	PERCHLORATE		

Sample Collected:	15-MAY-13	Findings:	10. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	20-MAY-13	Findings:	10. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	27-MAY-13	Findings:	0.52 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	27-MAY-13	Findings:	12. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	03-JUN-13	Findings:	0.52 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	03-JUN-13	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	07-JUN-13	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	07-JUN-13	Findings:	8. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07-JUN-13	Findings:	18. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08-AUG-11	Findings:	7.7 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	10-AUG-11	Findings:	1.8e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	10-AUG-11	Findings:	8.6 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	15-AUG-11	Findings:	8.6 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	16-AUG-11	Findings:	8.4 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	22-AUG-11	Findings:	8.4 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	24-AUG-11	Findings:	8.6 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	25-AUG-11	Findings:	8.2 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	26-AUG-11	Findings:	7.5 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	26-AUG-11	Findings:	8.4 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	27-AUG-11	Findings:	8.4 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	29-AUG-11	Findings:	8.7 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	05-SEP-11	Findings:	8.4 UG/L
Chemical:	PERCHLORATE		

Sample Collected:	09-SEP-11	Findings:	1.9e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	09-SEP-11	Findings:	0.57 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09-SEP-11	Findings:	0.66 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	09-SEP-11	Findings:	10. UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09-SEP-11	Findings:	16. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09-SEP-11	Findings:	7.8 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	12-SEP-11	Findings:	8.6 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	19-SEP-11	Findings:	8.7 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	23-SEP-11	Findings:	9.2 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	26-SEP-11	Findings:	9. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	30-SEP-11	Findings:	9. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	03-OCT-11	Findings:	9.4 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	08-OCT-11	Findings:	6.2 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	10-OCT-11	Findings:	8.8 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	07-JUN-13	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	17-JUN-13	Findings:	0.61 UG/L
Chemical:	CARBON TETRACHLORIDE		
Sample Collected:	17-JUN-13	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	20-JUN-13	Findings:	10. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	24-JUN-13	Findings:	12. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	01-JUL-13	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	08-JUL-13	Findings:	12. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	15-JUL-13	Findings:	12. UG/L
Chemical:	PERCHLORATE		

Sample Collected:	17-JUL-13	Findings:	1.9e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	17-JUL-13	Findings:	8.6 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	17-JUL-13	Findings:	18. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	17-JUL-13	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	22-JUL-13	Findings:	8.1 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	29-JUL-13	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	05-AUG-13	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	12-AUG-13	Findings:	12. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	12-OCT-11	Findings:	1.3e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	12-OCT-11	Findings:	0.6 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12-OCT-11	Findings:	0.72 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	12-OCT-11	Findings:	9.2 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12-OCT-11	Findings:	16. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12-OCT-11	Findings:	9.1 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	13-OCT-11	Findings:	8.7 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	17-OCT-11	Findings:	9.4 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	18-OCT-11	Findings:	8.4 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	20-OCT-11	Findings:	8.8 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	24-OCT-11	Findings:	8.7 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	01-NOV-11	Findings:	9. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	11-NOV-11	Findings:	6.2 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	15-NOV-11	Findings:	1.6e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		

Sample Collected:	13-AUG-13	Findings:	6.2 UG/L
Chemical:	CHROMIUM, HEXAVALENT		
Sample Collected:	13-AUG-13	Findings:	1.4e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	13-AUG-13	Findings:	9.9 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	13-AUG-13	Findings:	18. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	13-AUG-13	Findings:	13. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	19-AUG-13	Findings:	12. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	26-AUG-13	Findings:	13. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	28-AUG-13	Findings:	0.468 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	28-AUG-13	Findings:	0.2 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	28-AUG-13	Findings:	0.22 PCI/L
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.		
Sample Collected:	28-AUG-13	Findings:	0.36 PCI/L
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Sample Collected:	28-AUG-13	Findings:	0.19 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	28-AUG-13	Findings:	1.5 PCI/L
Chemical:	URANIUM (PCI/L)		
Sample Collected:	28-AUG-13	Findings:	290. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	28-AUG-13	Findings:	1.6e-002 PCI/L
Chemical:	GROSS ALPHA MDA95		
Sample Collected:	03-SEP-13	Findings:	12. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	24-SEP-13	Findings:	10. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	15-NOV-11	Findings:	0.55 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	15-NOV-11	Findings:	7.4 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	15-NOV-11	Findings:	17. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	15-NOV-11	Findings:	7. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	16-NOV-11	Findings:	8.3 UG/L
Chemical:	PERCHLORATE		

Sample Collected:	26-NOV-11	Findings:	4.3 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	28-NOV-11	Findings:	4.6 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	09-DEC-11	Findings:	21. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	25-SEP-13	Findings:	32. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	25-SEP-13	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	01-OCT-13	Findings:	7.e-003 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	01-OCT-13	Findings:	3.5 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01-OCT-13	Findings:	25. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09-DEC-11	Findings:	4.6 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	11-JAN-12	Findings:	23. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11-JAN-12	Findings:	5.5 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	09-FEB-12	Findings:	7.1 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	10-FEB-12	Findings:	5.4 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	01-OCT-13	Findings:	10. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	07-OCT-13	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	14-OCT-13	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	21-OCT-13	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	28-OCT-13	Findings:	12. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	04-NOV-13	Findings:	13. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	11-NOV-13	Findings:	12. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	12-NOV-13	Findings:	1.1e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	12-NOV-13	Findings:	8.4 UG/L
Chemical:	TRICHLOROETHYLENE		

Sample Collected:	12-NOV-13	Findings:	22. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	14-FEB-12	Findings:	21. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	14-FEB-12	Findings:	5.6 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	10-MAR-12	Findings:	9. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	14-MAR-12	Findings:	27. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12-NOV-13	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	18-NOV-13	Findings:	13. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	25-NOV-13	Findings:	12. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	02-DEC-13	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	14-MAR-12	Findings:	6.5 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	26-MAR-12	Findings:	7.3 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	12-APR-12	Findings:	27. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12-APR-12	Findings:	6.7 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	19-APR-12	Findings:	6.5 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	25-APR-12	Findings:	6.8 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	03-MAY-12	Findings:	26. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03-MAY-12	Findings:	6.6 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	06-MAY-12	Findings:	6. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	11-MAY-12	Findings:	6.6 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	13-MAY-12	Findings:	7.8 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	14-MAY-12	Findings:	6.8 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	14-MAY-12	Findings:	8.9 UG/L
Chemical:	PERCHLORATE		

Sample Collected:	15-MAY-12	Findings:	9. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	17-MAY-12	Findings:	8.6 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	21-MAY-12	Findings:	9.2 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	22-MAY-12	Findings:	8. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	29-MAY-12	Findings:	8. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	29-MAY-12	Findings:	7.2 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	01-JUN-12	Findings:	9.6 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	04-JUN-12	Findings:	6.4 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	05-JUN-12	Findings:	8.2 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	08-JUN-12	Findings:	8.2 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	11-JUN-12	Findings:	8.6 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	12-JUN-12	Findings:	7.1 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	15-JUN-12	Findings:	1.6e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	15-JUN-12	Findings:	0.56 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	15-JUN-12	Findings:	7.7 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	15-JUN-12	Findings:	19. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	15-JUN-12	Findings:	9.5 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	18-JUN-12	Findings:	8. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	25-JUN-12	Findings:	8.8 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	29-JUN-12	Findings:	11. UG/L
Chemical:	PERCHLORATE		
Sample Collected:	02-JUL-12	Findings:	7.9 UG/L
Chemical:	PERCHLORATE		
Sample Collected:	03-JUL-12	Findings:	6.5 UG/L
Chemical:	PERCHLORATE		

Sample Collected:	05-JUL-12	Findings:	1.4e-002 UG/L
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)		
Sample Collected:	05-JUL-12	Findings:	0.51 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05-JUL-12	Findings:	0.73 UG/L
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)		
Sample Collected:	05-JUL-12	Findings:	9.1 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05-JUL-12	Findings:	18. MG/L
Chemical:	NITRATE (AS NO3)		

44
East
1/2 - 1 Mile
Higher

CA WELLS **CADW50000004193**

Latitude :	34.0712		
Longitude :	117.9435		
Site code:	340712N1179435W001	Casgem sta:	Not Reported
Local well:	MW5-28I	Casgem s 1:	Observation
County id:	19		
Basin cd:	4-13	Basin desc:	San Gabriel Valley
Org unit n:	Southern Region Office	Site id:	CADW50000004193

45
South
1/2 - 1 Mile
Lower

FED USGS **USGS40000140245**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-340322117572601		
Monloc name:	001S010W29E008S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070106	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.0561211
Longitude:	-117.9581198	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
91706	5	0

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

© 2010 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX D

HISTORICAL RECORD SEARCH

(HISTORICAL SANBORN FIRE INSURANCE MAPS / AERIAL PHOTOS / TOPO MAPS / HISTORICAL CITY DIRECTORIES / OTHER HISTORICAL RECORDS)

1402113ESAI
14622 Dalewood Street
Baldwin Park, CA 91706

Inquiry Number: 3874955.3
March 07, 2014

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

3/07/14

Site Name:
1402113ESAI
14622 Dalewood Street
Baldwin Park, CA 91706

Client Name:
Encon Solutions
3255 Wilshire Boulevard
Los Angeles, CA 90010

EDR Inquiry # 3874955.3

Contact: Rigo Iglesias

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Encon Solutions were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: 1402113ESAI
Address: 14622 Dalewood Street
City, State, Zip: Baldwin Park, CA 91706
Cross Street:
P.O. # NA
Project: 1402113ESAI
Certification # 1193-489A-AA03

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results
Certification # 1193-489A-AA03

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Encon Solutions (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2014 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

1402113ESAI

14622 Dalewood Street
Baldwin Park, CA 91706

Inquiry Number: 3874955.5
March 11, 2014

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2013 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2013	Cole Information Services	-	X	X	-
2008	Cole Information Services	-	X	X	-
2006	Haines Company	-	-	-	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	X	X	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Pacific Bell Telephone	-	-	-	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	-	-	-
1990	Pacific Bell	-	-	-	-
1986	Pacific Bell	-	-	-	-
1985	Pacific Bell	X	X	X	-
1981	Pacific Telephone	-	-	-	-
1980	Pacific Telephone	X	X	X	-
1976	Pacific Telephone	-	-	-	-
1975	Pacific Telephone	X	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	-	-	-
1970	Pacific Telephone	X	X	X	-
1969	Pacific Telephone	-	-	-	-
1966	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1965	Pacific Telephone	-	-	-	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	-	-	-
1961	Luskey Brothers & Co	-	-	-	-
1960	Pacific Telephone	-	X	X	-
1958	Pacific Telephone	-	-	-	-
1957	Pacific Telephone	-	X	X	-
1956	General Telephone Company Publishers	-	-	-	-
1955	Home Directory Service	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Los Angeles Directory Co Publishers	-	X	X	-
1950	Pacific Telephone	-	X	X	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Associated Telephone Company, Ltd.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Western Directory Co.	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	-	-	-
1940	Glendale Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Co.	-	-	-	-
1937	Los Angeles Directory Co.	-	-	-	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	-	-	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Co.	-	-	-	-
1930	Glendale Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	-	-	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Kaasen Directory Company Publishers	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	-	-	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

14622 Dalewood Street
Baldwin Park, CA 91706

FINDINGS DETAIL

Target Property research detail.

DALEWOOD AVE

14622 DALEWOOD AVE

Year	*Uses*	*Source*
1985	HOWARD JOHNSON S RESTAURANTS	Pacific Bell
1980	HOWARD JOHNSON S COMMISSARY INDUSTRY	Pacific Telephone
	HOWARD JOHNSONS RESTAURANTS	Pacific Telephone
1975	Baldwin Park	Pacific Telephone
	HOWARD JOHNSONS RESTAURANTS	Pacific Telephone
1970	HOWARD JOHNSON S	Pacific Telephone

E DALEWOOD ST

14622 E DALEWOOD ST

Year	*Uses*	*Source*
1967	HOWARD JOHNSONS Restaurants	Pacific Telephone
1966	HOWARD JOHNSON S RESTAURANTS-	Pacific Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

BIG DALTN AVE

3019 BIG DALTN AVE

Year	Uses	Source
1995	PARKLODGE	Pacific Bell
	AGNES GUEST HOMES	Pacific Bell

3051 BIG DALTN AVE

Year	Uses	Source
1995	GARCIA LUIS	Pacific Bell
	SAUCEDO MARIA	Pacific Bell

3059 BIG DALTN AVE

Year	Uses	Source
1995	ARREDONDO HUMBERTO	Pacific Bell

BIG DALTON AVE

3000 BIG DALTON AVE

Year	Uses	Source
2013	FITNESS 19	Cole Information Services
2008	EATZA PIZZA	Cole Information Services

3005 BIG DALTON AVE

Year	Uses	Source
2003	LORENZOJoe	Haines & Company
	STANSBERRYRoy G	Haines & Company
1995	Norton Carol	Pacific Bell
1985	WESTON STUART	Pacific Bell
	VAGABOND HAVEN TRAILER PARK	Pacific Bell
	ROLLINS PAUL	Pacific Bell
	KING WALLACE	Pacific Bell
	CORNELISON MICHAEL	Pacific Bell
	CHISUM JOHN L	Pacific Bell
	CHILDERS JOE & RITA	Pacific Bell
1980	CORNELISON O L BIG DALTON AVE BALDWIN PARK	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	BRUMFIELD CHAS E BIG DALTON AVE BALDWIN PARK	Pacific Telephone
	CHISUM JOHN L BIG DALTON AVE BALDWIN PARK	Pacific Telephone
	HOLMES CLAYTON J BIG DALTON AVE BALDWIN PARK	Pacific Telephone
	MYERS RUBY BIG DALTON AVE BALDWIN PARK	Pacific Telephone
	VAGABOND HAVEN TRAILER PARK BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	MYERS PAULA F BALDWIN PARK	Pacific Telephone
	WESTON STUART	Pacific Telephone
	WELCH CLARENCE E	Pacific Telephone
	VAGABOND HAVEN TRAILER PARK	Pacific Telephone
	EARLY EARL	Pacific Telephone
	CREZEE CURTIS H	Pacific Telephone
	CORNELISON O L	Pacific Telephone

3011 BIG DALTON AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1985	HUNTER V	Pacific Bell
1980	HUNTER V BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	HUNTER V	Pacific Telephone

3019 BIG DALTON AVE

Year	Uses	Source
2003	AGNESGUESTHOME	Haines & Company
	PARKLODGE	Haines & Company
	BESTUDILLO F	Haines & Company
1995	Park Lodge	Pacific Bell
	Agnes Guest Homes	Pacific Bell
1985	ACNES GUEST HOMES	Pacific Bell
	VAN HAMME MICHELINE	Pacific Bell
	PARK LODGE	Pacific Bell
1980	PARK LODGE BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	PARK LODGE	Pacific Telephone

FINDINGS

3029 BIG DALTON AVE

Year	Uses	Source
1980	REYNA VINCENT BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	REYNA VINCENT	Pacific Telephone

3031 BIG DALTON AVE

Year	Uses	Source
2003	OCATANO Maria	Haines & Company
	CERVANTES Torres	Haines & Company
	Benjamin GARCIA Sanjuana	Haines & Company
1980	MARTINEZ FRANK BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	MARTINEZ FRANK	Pacific Telephone

3033 BIG DALTON AVE

Year	Uses	Source
2003	VELASCO Vicente	Haines & Company
1975	CHRISTIANSEN WM	Pacific Telephone
1966	CHRISTIANSEN WM	Pacific Telephone

3035 BIG DALTON AVE

Year	Uses	Source
2008	J L HANDYMAN SERVICES	Cole Information Services
2003	GONZALEZAntonio	Haines & Company
1985	RAZO MAURILIO	Pacific Bell
	RAZO SALVADOR	Pacific Bell

3037 BIG DALTON AVE

Year	Uses	Source
2003	ORODRIGUEZAlbino	Haines & Company
1975	SANDOVAL JOHNNY	Pacific Telephone
	SANDOVAL SANDRA	Pacific Telephone

3039 BIG DALTON AVE

Year	Uses	Source
2003	MUNOZUbaldo	Haines & Company
1980	FORD M BIG DALTON AVE BALDWIN PARK	Pacific Telephone

FINDINGS

3041 BIG DALTON AVE

Year	Uses	Source
2003	AREVALO Isala	Haines & Company
1975	GONZALES MARIO E	Pacific Telephone

3043 BIG DALTON AVE

Year	Uses	Source
2003	ARCINIEGA Josae Miguel	Haines & Company
1980	SOMMER CARL W BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	SOMMER CARL W	Pacific Telephone

3047 BIG DALTON AVE

Year	Uses	Source
2003	XXXX	Haines & Company

3051 BIG DALTON AVE

Year	Uses	Source
2003	B VALLE Ricardo	Haines & Company
	MACIAS Anna Luisa	Haines & Company
1995	Saucedo Maria	Pacific Bell
	Garcia Luis	Pacific Bell

3055 BIG DALTON AVE

Year	Uses	Source
2003	A PIEDRA Maria	Haines & Company
	OYARZAPA Carolina	Haines & Company
1985	UC JOSE LUIS	Pacific Bell
	GROUP LINDA	Pacific Bell
1980	GROUP LINDA BIG DALTON AVE BALDWIN PARK	Pacific Telephone
	PIERCE ALVIN J BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	MOLINA MARIE J BALDWIN PARK	Pacific Telephone
	SANCHEZ GILBERT	Pacific Telephone

3057 BIG DALTON AVE

Year	Uses	Source
1980	SKIPWITH SUZETTE & LYNETTE BIG DALTON AVE BALDWIN PARK	Pacific Telephone

FINDINGS

3059 BIG DALTON AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1995	Arredondo Humberto	Pacific Bell
1985	JUAREZ FRANK	Pacific Bell
	ARREDONDO HUMBERTO	Pacific Bell
1980	JUAREZ FRANK BIG DALTON AVE BALDWIN PARK	Pacific Telephone
	SMITH BETTY BIG DALTON AVE BALDWIN PARK	Pacific Telephone
	ARREDONDO HUMBERTO BIG DALTON AVE BALDWIN PARK	Pacific Telephone
1975	SMITH BETTY J	Pacific Telephone
	BURTON DEBRA SUE	Pacific Telephone

CALINO AVE

1815 CALINO AVE

Year	Uses	Source
1966	TRASK JAS F JR	Pacific Telephone

1838 CALINO AVE

Year	Uses	Source
1985	SALDANA FILIBERTO	Pacific Bell

1857 CALINO AVE

Year	Uses	Source
2003	REZA Hector	Haines & Company
1995	CARRILLO FELIPE	Pacific Bell
	L Carrillo Felipe	Pacific Bell
1985	SANCHES IGNACIO	Pacific Bell
1980	SANCHES IGNACIO CALINO AVE BALDWIN PARK	Pacific Telephone
1975	MC CARTY DOLORES	Pacific Telephone

1861 CALINO AVE

Year	Uses	Source
2003	OGRAMAJO Willy	Haines & Company
	MEJIA Sar	Haines & Company

FINDINGS

1862 CALINO AVE

Year	Uses	Source
2003	CAMPOSArmando	Haines & Company
	GARCIA Secundino F	Haines & Company
1995	GARCIA SECUNDINE F	Pacific Bell
	Garcia Secundine F	Pacific Bell
	Garcia Sergio B Pk	Pacific Bell
1975	BARRON BRUCE	Pacific Telephone

1866 CALINO AVE

Year	Uses	Source
2003	WALLACE Glor	Haines & Company
1995	Wallace Gloria	Pacific Bell
1980	TORRES NAHUM CALINO AVE BALDWIN PARK	Pacific Telephone
1975	JOHNSON JAMES M	Pacific Telephone
	JOHNSON JAS MACHINERY SERVICE	Pacific Telephone

1868 CALINO AVE

Year	Uses	Source
2003	PEREZJose	Haines & Company
1995	Guerrero Iginacio	Pacific Bell
	GUERRERO IGINACIO	Pacific Bell
1985	HARRIS J L	Pacific Bell

1869 CALINO AVE

Year	Uses	Source
2003	GALINDOJose	Haines & Company

1873 CALINO AVE

Year	Uses	Source
2003	GARCIAMiguel	Haines & Company

1874 CALINO AVE

Year	Uses	Source
2003	CARDENASMadn	Haines & Company
1995	CARDENAS RIGOBERTO	Pacific Bell
	Cardenas Rigoberto	Pacific Bell
	Cardenas Robert	Pacific Bell
1960	BRADLEY WM A	Pacific Telephone

FINDINGS

1879 CALINO AVE

Year	Uses	Source
2003	NAVARRO Jesus	Haines & Company

1880 CALINO AVE

Year	Uses	Source
2003	CARABALLOValentin	Haines & Company

1883 CALINO AVE

Year	Uses	Source
2003	GUTIERREZJorge	Haines & Company
1985	LOCKRIDGE REA	Pacific Bell

DALEWOOD AVE

14600 DALEWOOD AVE

Year	Uses	Source
1985	FALLUCCA DAVE AUTOMOTIVE	Pacific Bell
1980	FALLUCCA DAVE AUTOMOTIVE DALEWOOD AVE BALDWIN PARK	Pacific Telephone

14614 DALEWOOD AVE

Year	Uses	Source
1985	ARCO MPG TUNE-UP	Pacific Bell
1980	MARIANO S ARCO DALEWOOD AVE BALDWIN PARK	Pacific Telephone
1975	JOES ARCO SERVICE	Pacific Telephone

14624 DALEWOOD AVE

Year	Uses	Source
1985	Baldwin Park	Pacific Bell
	HOWARD JOHNSON S HOTELS & LODGES	Pacific Bell
1980	HOWARD JOHNSON S COMMISSARY INDUSTRY	Pacific Telephone
1975	Motor Lodges Baldwin Park	Pacific Telephone
	HOWARD JOHNSONS MOTOR LODGES	Pacific Telephone
1970	HOWARD JOHNSON S	Pacific Telephone
	HOWARD JOHNSON S	Pacific Telephone

FINDINGS

DALEWOOD ST

14230 DALEWOOD ST

Year	Uses	Source
2013	R G E TRUCK	Cole Information Services
2008	RGE TRUCK LINES INC	Cole Information Services
2003	RGE TRUCK LNSINC	Haines & Company

14248 DALEWOOD ST

Year	Uses	Source
2008	RAKU TECHNOLOGIES	Cole Information Services
2003	SECARD POOLS	Haines & Company
	RAKU INTERNATIONAL	Haines & Company
1995	Raku International	Pacific Bell
	Ra Ku International	Pacific Bell

14262 DALEWOOD ST

Year	Uses	Source
2013	AMDA HARDWARE	Cole Information Services
	JANS PARTY RENTAL	Cole Information Services
2008	AMDA HARDWARE INC	Cole Information Services
	WEN AMDA	Cole Information Services
	KING BOXES	Cole Information Services
	KOOKIES N KREAM INC	Cole Information Services
	G & D CODENO DEBURRING	Cole Information Services
2003	KOOKIES&KREAM INC	Haines & Company
	KING BOXES	Haines & Company
	AMDAINDUSTRIES	Haines & Company
	COMPANY EXPERT FUSING	Haines & Company
1995	Respa Ease	Pacific Bell
	Northern Telecom Inc	Pacific Bell
	Northern Technologies	Pacific Bell
	M & M Metal Work And Plastics	Pacific Bell

14266 DALEWOOD ST

Year	Uses	Source
2013	E & R CUSTOM UPHOLSTERY & FOAM	Cole Information Services
	P F R ENVIRONMENTAL SERVICES INC	Cole Information Services
	ANGIES UPHOLSTERY SERVICE	Cole Information Services
2008	JANS PARTY RENTALS	Cole Information Services

FINDINGS

Year	Uses	Source
2008	ANGIES UPHOLSTERY SERVICE	Cole Information Services
2003	SERVICE	Haines & Company
	ANGIES UPHOLSTERY	Haines & Company
1995	Handicapped Childrens Sernices Inc	Pacific Bell
	Handicappers Report Free Info Line	Pacific Bell
	Handi Products	Pacific Bell
	F & J Upholstery Shop	Pacific Bell

14270 DALEWOOD ST

Year	Uses	Source
2013	QUALITY COATINGS	Cole Information Services
2008	QUALITY COATINGS CO	Cole Information Services
2003	XXXX	Haines & Company
1995	Quality Coatings Co	Pacific Bell

14274 DALEWOOD ST

Year	Uses	Source
2003	XXXX	Haines & Company

14276 DALEWOOD ST

Year	Uses	Source
2013	SEW FAST INC	Cole Information Services
2008	SEW FAST INC	Cole Information Services
2003	SEWWHATINC	Haines & Company

E DALEWOOD ST

14315 E DALEWOOD ST

Year	Uses	Source
1966	BEKINS MOVING & STORAGE OTHER DISTRICT OFFICES BALDWIN PARK-WEST COVINA	Pacific Telephone

E GARVEY AVE

14208 E GARVEY AVE

Year	Uses	Source
1950	COFFMAN S TEXACO STANTON	Pacific Telephone
	COFFMAN S TEXACO STANTON	Pacific Telephone

FINDINGS

14227 E GARVEY AVE

Year	Uses	Source
1960	JONES M M MOBIL STANTON	Pacific Telephone
1957	JONES M M MOBIL STANTON	Pacific Telephone

14237 E GARVEY AVE

Year	Uses	Source
1966	DONS PLACE	Pacific Telephone

14244 E GARVEY AVE

Year	Uses	Source
1950	WEAVER STEPHEN	Pacific Telephone
	WEAVER STEPHEN	Pacific Telephone

14249 E GARVEY AVE

Year	Uses	Source
1957	HAAS JOS J	Pacific Telephone
1950	MARCOTTI LOUIS C	Pacific Telephone
	MARCOTTI LOUIS C	Pacific Telephone

14253 E GARVEY AVE

Year	Uses	Source
1966	MITCHELL JOHN	Pacific Telephone
1960	KENNEDY DAVID G	Pacific Telephone
1957	ADE CARL E	Pacific Telephone

14257 E GARVEY AVE

Year	Uses	Source
1966	B & B MOTEL	Pacific Telephone
1960	B & B MOTEL	Pacific Telephone
1957	B & B MOTEL	Pacific Telephone
1950	BURCHETT B B	Pacific Telephone
	B & B MOTEL	Pacific Telephone
	B & B MOTEL	Pacific Telephone
	BURCHETT B B	Pacific Telephone

14259 E GARVEY AVE

Year	Uses	Source
1985	BARR PRESTON H I	Pacific Bell
1975	BARR PRESTON III	Pacific Telephone
1966	BARR PRESTON III	Pacific Telephone

FINDINGS

14262 E GARVEY AVE

Year	Uses	Source
1950	ANDERSON ZOE MRS	Pacific Telephone
	ANDERSON ZOE MRS	Pacific Telephone

14265 E GARVEY AVE

Year	Uses	Source
1966	BOUTILETTE GEO J	Pacific Telephone
1960	MAURER MELVIN	Pacific Telephone
	BOUTILETTE GEO J	Pacific Telephone
1957	MAURER MELVIN	Pacific Telephone
1950	MADDOX J RALPH	Pacific Telephone
	MADDOX J RALPH	Pacific Telephone

14271 E GARVEY AVE

Year	Uses	Source
1975	HARTZELL DAVID W	Pacific Telephone
1966	YARGER DAVID	Pacific Telephone
1960	KNOLTON LEE	Pacific Telephone

14272 E GARVEY AVE

Year	Uses	Source
1950	RYBURN LAWRENCE J	Pacific Telephone
	RYBURN LAWRENCE J	Pacific Telephone

14277 E GARVEY AVE

Year	Uses	Source
1966	RUSSELL MARVEL	Pacific Telephone
1960	HIGHFILL A R	Pacific Telephone
	AMMERMAN JAS	Pacific Telephone
1957	HIGHFILL A R R	Pacific Telephone

14283 E GARVEY AVE

Year	Uses	Source
1975	RADABAUGH K	Pacific Telephone

14303 E GARVEY AVE

Year	Uses	Source
1985	KETCHUM EDWIN G	Pacific Bell
1975	KETCHUM EDWIN G LA MIRADA	Pacific Telephone
1966	TAYLOR HESTER	Pacific Telephone

FINDINGS

Year	Uses	Source
1966	KETCHUM EDWIN G LA MIRADA	Pacific Telephone
1957	MUELLER CHAS C	Pacific Telephone

14311 E GARVEY AVE

Year	Uses	Source
1966	MCCLURE RICHARD W	Pacific Telephone
1960	FOSTER WALTER E LA MIRADA	Pacific Telephone
1957	FOSTER WALTER E	Pacific Telephone

14313 E GARVEY AVE

Year	Uses	Source
1966	HAPPY R	Pacific Telephone
1960	HAPPY TAVERN	Pacific Telephone
1957	FAYE S CAFE	Pacific Telephone
1950	HEYLER H G	Pacific Telephone
	HEYLER H G	Pacific Telephone

14314 E GARVEY AVE

Year	Uses	Source
1950	RIVERO MYRTLE M	Pacific Telephone
	RIVERO MYRTLE M	Pacific Telephone

14315 E GARVEY AVE

Year	Uses	Source
1960	HEYLER ALMA MRS	Pacific Telephone
1957	HEYLER RICHARD G	Pacific Telephone

14317 E GARVEY AVE

Year	Uses	Source
1966	THOMPSON JAS JR	Pacific Telephone
1960	RINDGE JOHN F	Pacific Telephone
1957	RINDGE JOHN F	Pacific Telephone

14323 E GARVEY AVE

Year	Uses	Source
1985	ELGIN ROGER B LA MIRADA	Pacific Bell
1975	ELGIN ROGER B	Pacific Telephone
1966	ELGIN ROGER B	Pacific Telephone
1960	ELGIN ROGER B	Pacific Telephone
1957	ELGIN ROGER B	Pacific Telephone

FINDINGS

14324 E GARVEY AVE

Year	Uses	Source
1950	JETT ARTIE GROC	Pacific Telephone
	JETT ARTIE GROC	Pacific Telephone

14325 E GARVEY AVE

Year	Uses	Source
1966	HARMON MABEL	Pacific Telephone

14327 E GARVEY AVE

Year	Uses	Source
1966	RUDD NORMA R	Pacific Telephone
1950	HACKNEY DALE E	Pacific Telephone
	HACKNEY DALE E	Pacific Telephone

14327 1/2 E GARVEY AVE

Year	Uses	Source
1966	DRAHMS AMY	Pacific Telephone

14329 E GARVEY AVE

Year	Uses	Source
1975	FLOOD CHAS	Pacific Telephone
1966	MOORE JOHN W	Pacific Telephone
	FLOOD CHAS	Pacific Telephone
1960	OGILVIE BARBARA ANN	Pacific Telephone
	MOORE JOHN W	Pacific Telephone
1957	WILLIAMS KENNETH L	Pacific Telephone
	MOORE JOHN W	Pacific Telephone
1950	MOORE JOHN W	Pacific Telephone
	MOORE JOHN W	Pacific Telephone

14329 1/2 E GARVEY AVE

Year	Uses	Source
1966	MOORE RUTH C	Pacific Telephone

14331 E GARVEY AVE

Year	Uses	Source
1960	MOORE RUTH C	Pacific Telephone
	MOORE RUTH C	Pacific Telephone
1957	MOORE RUTH C	Pacific Telephone

FINDINGS

14333 E GARVEY AVE

Year	Uses	Source
1966	FREEWAY MOWERS	Pacific Telephone
1960	BALI-HI	Pacific Telephone

14335 E GARVEY AVE

Year	Uses	Source
1975	LYONS M L	Pacific Telephone
1966	JESKEY DONALD M	Pacific Telephone
1960	JESKEY DONALD M	Pacific Telephone
1957	JESKEY WM V	Pacific Telephone
	JESKEY DONALD M	Pacific Telephone

14335 1/2 E GARVEY AVE

Year	Uses	Source
1966	MARTIN JACK	Pacific Telephone

14339 E GARVEY AVE

Year	Uses	Source
1960	PINNEY ANNA E	Pacific Telephone
1957	PINNEY ANNA E	Pacific Telephone
1950	PINNELL ANNA E BALDWIN PARK	Pacific Telephone
	PINNELL ANNA E BALDWIN PARK	Pacific Telephone

14339 1/2 E GARVEY AVE

Year	Uses	Source
1966	K-LEE S FURN	Pacific Telephone

14339 1/4 E GARVEY AVE

Year	Uses	Source
1966	CANNON DALE	Pacific Telephone
1957	DUNHAM OLIVE E	Pacific Telephone
1950	STINE HATTIE C	Pacific Telephone
	STINE HATTIE C	Pacific Telephone

14340 E GARVEY AVE

Year	Uses	Source
1950	PRIOR GEO	Pacific Telephone
	PRIOR GEO	Pacific Telephone

FINDINGS

14341 E GARVEY AVE

Year	Uses	Source
1985	ANDERSON M J	Pacific Bell
1975	ANDERSON M J	Pacific Telephone
1966	ANDERSON BENTON L	Pacific Telephone
1960	ANDERSON BENTON L	Pacific Telephone

14342 E GARVEY AVE

Year	Uses	Source
1950	DELANO BEN J	Pacific Telephone
	DELANO BEN J	Pacific Telephone

14345 E GARVEY AVE

Year	Uses	Source
1960	WHOLESALE FOOD DISTRIBUTING SERV	Pacific Telephone
1957	J & M MKT	Pacific Telephone
1950	J & M MKT	Pacific Telephone
	J & M MKT	Pacific Telephone

14347 E GARVEY AVE

Year	Uses	Source
1960	RICE Z H	Pacific Telephone

14353 E GARVEY AVE

Year	Uses	Source
1985	BUSK TERRY A	Pacific Bell
1966	GREEN JACK L	Pacific Telephone
	DREAMLAND TRAILER PARK	Pacific Telephone
1960	ROSE HAZEL M	Pacific Telephone
	MITCHELL CLAUDE F	Pacific Telephone
	LANGWORTHY DELBERT E	Pacific Telephone
	HOGSTAD ERWIN A	Pacific Telephone
1957	DREAMLAND AUTO COURT	Pacific Telephone

14359 E GARVEY AVE

Year	Uses	Source
1985	RODRIGUEZ VIOLET	Pacific Bell
1975	BURGNER JAMES R	Pacific Telephone
1966	SNIDER SADIE	Pacific Telephone
	LANE WM J	Pacific Telephone

FINDINGS

Year	Uses	Source
1966	GREEN ARROW AUTO COURTS	Pacific Telephone
	ATKINSON DAVID	Pacific Telephone
	GATTI ARNOLD P	Pacific Telephone
1960	GATTI ARNOLD P	Pacific Telephone
	STANCZAK VERONICA	Pacific Telephone
	GREEN ARROW AUTO COURTS	Pacific Telephone
	BURTON JOS H	Pacific Telephone
1957	GREEN ARROW AUTO COURTS	Pacific Telephone
1950	GREEN ARROW AUTO COURTS	Pacific Telephone
	GREEN ARROW AUTO COURTS	Pacific Telephone

14365 E GARVEY AVE

Year	Uses	Source
1960	MINTER EDGAR A	Pacific Telephone
	ORD REALTY	Pacific Telephone
	ORD REALTY	Pacific Telephone
1957	ORD REALTY	Pacific Telephone
1950	ERHARDT MELVIN A	Pacific Telephone
	ERHARDT MELVIN A	Pacific Telephone

14371 E GARVEY AVE

Year	Uses	Source
1966	BICKETT T W	Pacific Telephone
1960	GULARTE L S	Pacific Telephone

14401 E GARVEY AVE

Year	Uses	Source
1960	ERHARDT IDA	Pacific Telephone
1957	ERHARDT IDA	Pacific Telephone

14405 E GARVEY AVE

Year	Uses	Source
1966	ERHARDT MELVIN A	Pacific Telephone
1960	ERHARDT MELVIN A	Pacific Telephone
1957	ERHARDT MELVIN A	Pacific Telephone
1950	WEST COVINA BLDRS INC	Pacific Telephone
	ELLS HARVEY BLDG CO	Pacific Telephone
	WEST COVINA BLDRS INC	Pacific Telephone
	ELLS HARVEY BLDG CO	Pacific Telephone

FINDINGS

14425 E GARVEY AVE

Year	Uses	Source
1966	BROWN INEZ M	Pacific Telephone
1957	BROWN INEZ M	Pacific Telephone

14434 E GARVEY AVE

Year	Uses	Source
1960	FARTHING MARGARET	Pacific Telephone

14436 E GARVEY AVE

Year	Uses	Source
1966	INGRAM NORRIS D	Pacific Telephone
1960	INGRAM NORRIS D	Pacific Telephone

14439 E GARVEY AVE

Year	Uses	Source
1960	ERIVES MANUEL	Pacific Telephone

14442 E GARVEY AVE

Year	Uses	Source
1960	ABRANOWSKI STANLEY	Pacific Telephone

GARVEY AVE

14227 GARVEY AVE

Year	Uses	Source
2003	ELLISTracy	Haines & Company

14237 GARVEY AVE

Year	Uses	Source
2003	DONS PLACE	Haines & Company
1995	Dons Plumbing Rwind Hts	Pacific Bell
	Dons Place	Pacific Bell
	Dons Plumbing & Heating LA	Pacific Bell
	DON S PLACE	Pacific Bell
1985	DONS PLACE	Pacific Bell
1980	DONS PLACE GARVEY AVE BALDWIN PARK	Pacific Telephone
1975	DONS PLACE	Pacific Telephone

FINDINGS

14245 GARVEY AVE

Year	Uses	Source
2008	ROBERTS SPECIALTY	Cole Information Services
2003	ROBERTS SPCLTY	Haines & Company
	IKES ROOF CO	Haines & Company
	ELLISROOFING	Haines & Company
1995	ROBERT S SPECIALTY PLUMBING CO	Pacific Bell
	ILLS ROEV	Pacific Bell
	IKE S ROOF CO	Pacific Bell
	PIONEER ICE CREAM	Pacific Bell
	Roberts Specialty Plumbing Co	Pacific Bell
1985	PIONEER ICE CREAM	Pacific Bell
1980	VALLEY PLASTERING GARVEY AVE BALDWIN PARK	Pacific Telephone
	THEE OLD CHRISTMAS STORE GARVEY AVE BALDWIN PARK	Pacific Telephone

14257 GARVEY AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1995	B&B MOTEL	Pacific Bell
	B&B Motel	Pacific Bell
1985	B & B MOTEL	Pacific Bell
1980	B & B MOTEL GARVEY AVE BALDWIN PARK	Pacific Telephone
	BARTON JO ANN GARVEY AVE BALDWIN PARK	Pacific Telephone
1975	B & B MOTEL	Pacific Telephone

14265 GARVEY AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1985	GRAY MARY	Pacific Bell

14277 GARVEY AVE

Year	Uses	Source
1975	LEON ROMAN	Pacific Telephone

14303 GARVEY AVE

Year	Uses	Source
2003	PLAZA MOTEL	Haines & Company
1995	PLAZA MOTEL	Pacific Bell

FINDINGS

Year	Uses	Source
1995	Plaza Motel	Pacific Bell
	PLAZA PAS ADE N A THE	Pacific Bell

14313 GARVEY AVE

Year	Uses	Source
1980	CHRIS CURVE INN GARVEY AVE BALDWIN PARK	Pacific Telephone

14317 1/2 GARVEY AVE

Year	Uses	Source
1975	ANGELO JOE	Pacific Telephone

14319 GARVEY AVE

Year	Uses	Source
1985	MORAN FLOYD	Pacific Bell
	ROLLINS ESTA	Pacific Bell
1980	ROLLINS ESTA GARVEY AVE BALDWIN PARK	Pacific Telephone
1975	ROLLINS ESTA	Pacific Telephone

14325 GARVEY AVE

Year	Uses	Source
2003	OSALTZMANWilliam	Haines & Company

14327 GARVEY AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1985	HAMILTON MICHAEL	Pacific Bell
1980	SMITH BEVERLY GARVEY AVE BALDWIN PARK	Pacific Telephone
1975	CONNER FRANCIS K	Pacific Telephone

14327 1/2 GARVEY AVE

Year	Uses	Source
1985	RIOS RICHARD	Pacific Bell
1975	DEAN MICHAEL G	Pacific Telephone

14329 GARVEY AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1985	BURT ROGER J	Pacific Bell
	FITZGERALD MICHAEL	Pacific Bell

FINDINGS

Year	Uses	Source
1985	FITZGERALD MICHAEL	Pacific Bell
1975	MOORE JOHN W	Pacific Telephone

14329 1/2 GARVEY AVE

Year	Uses	Source
1975	MOORE RUTH C	Pacific Telephone

14331 GARVEY AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1995	F PUENTES ERIC	Pacific Bell
1985	SYMONDS DAVID A	Pacific Bell
1980	SUNDA DENNIS GARVEY AVE BALDWIN PARK	Pacific Telephone
1975	HOLM MARY E	Pacific Telephone

14333 GARVEY AVE

Year	Uses	Source
2003	SALT 2 MAN BILL	Haines & Company
	MOTOR SALTZMAN WM E PROP	Haines & Company
1995	SALTZMAN BILL-MOTORCYCLES HUSQVARNA	Pacific Bell
	SALTZMAN WM E PROPERTIES	Pacific Bell
	Saltzman Wm E Properties	Pacific Bell
	Saltzman Mark	Pacific Bell
	Saltzman Bill Motorcycles Husqvarna	Pacific Bell
1985	SALTZMAN BILL-MOTORCYCLES HUSQVARNA	Pacific Bell
	SALTZMAN WM E PROPERTIES	Pacific Bell
1980	SALTZMAN WM E PROPERTIES GARVEY AVE BALDWIN PARK	Pacific Telephone
	SALTZMAN BILL MOTOR CYCLES HUSQVARNA GARVEY AVE BALDWIN PARK	Pacific Telephone
1975	IMPERIAL MOTOR SPORT	Pacific Telephone
	HUSQVARNA-IMPERIAL MOTOR SPORTS	Pacific Telephone

14335 GARVEY AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1985	TRANS WELS	Pacific Bell

FINDINGS

Year	Uses	Source
1980	HUTTNER TERRY GARVEY AVE BALDWIN PARK	Pacific Telephone
1975	MOLINE GENEVIAVE	Pacific Telephone

14335 1/2 GARVEY AVE

Year	Uses	Source
1985	HERNANDEZ NEVALINE	Pacific Bell

14345 GARVEY AVE

Year	Uses	Source
2003	SERVICES	Haines & Company
	D&D GOLF CAR	Haines & Company
1995	KINNELOA GARDENS	Pacific Bell
	Kinneloa Gardens	Pacific Bell
1985	KINNELOA GARDENS	Pacific Bell
1980	GLASSTEIN AUTO PARTS GARVEY AVE BALDWIN PARK	Pacific Telephone
	INTERCOMMUNITY IMPROVEMENT SOCIETY INC GARVEY AVE BALDWIN PARK	Pacific Telephone
1975	GLASSTEIN AUTO PARTS	Pacific Telephone

14353 GARVEY AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1995	Andrade Tomas	Pacific Bell
	Gfeen S	Pacific Bell
	GFEEN S	Pacific Bell
	ANDRADETOMAS	Pacific Bell
1985	NUTTALL NANCY J BALDWIN PARK	Pacific Bell
	BROWNING E	Pacific Bell
	WILSON BRUCE	Pacific Bell
1980	ORTIZ ROBERTO GARVEY AVE BALDWIN PARK	Pacific Telephone
	NUNEZ GUADALUPE GARVEY AVE BALDWIN PARK	Pacific Telephone
	HAMPTON ALVIN L GARVEY AVE BALDWIN PARK	Pacific Telephone
	CORONA SILVERIO R GARVEY AVE BALDWIN PARK	Pacific Telephone
	BROWNING E GARVEY AVE BALDWIN PARK	Pacific Telephone
1975	OPLINGER RICHARD	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	KING ROBT A	Pacific Telephone
	GREEN JACK L	Pacific Telephone
	FINK MICHAEL	Pacific Telephone
	BROWNING E BALDWIN PARK	Pacific Telephone

14359 GARVEY AVE

Year	Uses	Source
1995	Rosales RE E	Pacific Bell
	Rosales R BPk P	Pacific Bell
	Rosales R BPk	Pacific Bell
	Rosales R Pico Riv	Pacific Bell
	GARCIA ANTONIO	Pacific Bell
	ESTRADA HILDA	Pacific Bell
	MONTES GUADALUPE	Pacific Bell
	ROSALES PLACIDA	Pacific Bell
	Estrada Hilda	Pacific Bell
	Garcia Antonio	Pacific Bell
	Montes Guadalupe	Pacific Bell
	Rosales Placida	Pacific Bell
	Rosales R Whit	Pacific Bell
1985	HERRERA BRUNO	Pacific Bell
1980	ESQUIVEL MANUEL GARVEY AVE BALDWIN PARK	Pacific Telephone
	BARRAGAN GABRIEL GARVEY AVE BALDWIN PARK	Pacific Telephone
1975	PENA JOHN	Pacific Telephone
	MIRANDA MICHAEL	Pacific Telephone

14365 GARVEY AVE

Year	Uses	Source
2003	GERHARDTMane	Haines & Company
1995	MORSE MUFFLER SHOP	Pacific Bell
1985	MORSE MUFFLER SHOP	Pacific Bell
1980	MORSE MUFFLER SHOP GARVEY AVE BALDWIN PARK	Pacific Telephone
1975	WIEST SAMUEL A WIEST AIR CONDITIONING & ELECTRICAL	Pacific Telephone
	L A GASLITE & INSTALLATION	Pacific Telephone
	GASLITE & INSTALLATION	Pacific Telephone

FINDINGS

14401 GARVEY AVE

Year	Uses	Source
2003	XXXX	Haines & Company

14405 GARVEY AVE

Year	Uses	Source
1985	ERHARDT M A	Pacific Bell
1975	ERHARDT M A	Pacific Telephone

14434 GARVEY AVE

Year	Uses	Source
2003	XXXX	Haines & Company

14436 GARVEY AVE

Year	Uses	Source
2003	XXXX	Haines & Company
1995	Quintanar Ruben	Pacific Bell
	QUINTANAR RUBEN JR	Pacific Bell
	QUINTANAR RUBEN	Pacific Bell
1985	QUINTANAR RUBEN	Pacific Bell

14439 GARVEY AVE

Year	Uses	Source
1975	REDE MARTHA	Pacific Telephone

HALINOR AVE

1840 HALINOR AVE

Year	Uses	Source
1995	Torres Benjamin A	Pacific Bell
	Raya Medina Everardo	Pacific Bell

1841 HALINOR AVE

Year	Uses	Source
2008	JAMES C MARASAN	Cole Information Services

1866 HALINOR AVE

Year	Uses	Source
1995	Foss Ben A	Pacific Bell

FINDINGS

HALINOR AVE N

1808 HALINOR AVE N

Year	*Uses*	*Source*
2003	VASOUEZ Francisco	Haines & Company

1809 HALINOR AVE N

Year	*Uses*	*Source*
2003	CAMPOSArturo	Haines & Company

1813 HALINOR AVE N

Year	*Uses*	*Source*
2003	AVALOS Cecilio	Haines & Company

1814 HALINOR AVE N

Year	*Uses*	*Source*
2003	OMENDOZAServando	Haines & Company

1840 HALINOR AVE N

Year	*Uses*	*Source*
2003	TORRES Benjamin A	Haines & Company

1841 HALINOR AVE N

Year	*Uses*	*Source*
2003	OMOROSAN Jamnes	Haines & Company

1844 HALINOR AVE N

Year	*Uses*	*Source*
2003	:ROSALES Isabel	Haines & Company

1850 HALINOR AVE N

Year	*Uses*	*Source*
2003	ABREGO Irma	Haines & Company

1851 HALINOR AVE N

Year	*Uses*	*Source*
2003	DUARTE Joseph	Haines & Company

1856 HALINOR AVE N

Year	*Uses*	*Source*
2003	GORDON Franklin	Haines & Company

FINDINGS

1857 HALINOR AVE N

Year	Uses	Source
2003	RODRIGUEZ Ismael	Haines & Company

1860 HALINOR AVE N

Year	Uses	Source
2003	:CASTRO Carlos	Haines & Company
	CASTRO Maria	Haines & Company

1861 HALINOR AVE N

Year	Uses	Source
2003	STRAN Bobby	Haines & Company

1866 HALINOR AVE N

Year	Uses	Source
2003	FOSSBen	Haines & Company

1867 HALINOR AVE N

Year	Uses	Source
2003	TRIUEBruce V	Haines & Company

HALINR AVE

1809 HALINR AVE

Year	Uses	Source
1995	GUZMAN FRANK	Pacific Bell

1850 HALINR AVE

Year	Uses	Source
1995	LUU KIN	Pacific Bell

N BIG DALTON AVE

3005 N BIG DALTON AVE

Year	Uses	Source
1966	WELCH CLARENCE E	Pacific Telephone
	VAGABOND HAVEN TRAILER PARK	Pacific Telephone
	LAWRENCE EARL A	Pacific Telephone
	BUNNELL JANE M	Pacific Telephone
	BRADLEY VNA	Pacific Telephone
1960	WOHLBRANDT GLEN E	Pacific Telephone
	VAGABOND HAVEN TRAILER PARK	Pacific Telephone

Year	Uses	Source
1960	SLOWELL R J	Pacific Telephone
	GARCIA AUDREY	Pacific Telephone
	WELCH CLARENCE E	Pacific Telephone
1957	VAGABOND HAVEN TRAILER PARK	Pacific Telephone
	CARPENTER JEANNE L	Pacific Telephone
1950	CARTMILL J W	Pacific Telephone
	CARTMILL J W	Pacific Telephone

3011 N BIG DALTON AVE

Year	Uses	Source
1957	DOSSEY LUCIEN L	Pacific Telephone
1950	TACKETT IDA	Pacific Telephone
	TACKETT IDA	Pacific Telephone

3015 N BIG DALTON AVE

Year	Uses	Source
1966	OMEGA OIL CO	Pacific Telephone

3019 N BIG DALTON AVE

Year	Uses	Source
1966	PARK LODGE REST HOME	Pacific Telephone
1960	PARK LODGE REST HOME	Pacific Telephone
	CLARK ESTA RN REST HOME	Pacific Telephone
1957	CLARK ESTA REST HOME	Pacific Telephone
	PARK LODGE REST HOME	Pacific Telephone
1950	PARK LODGE REST HOME	Pacific Telephone
	CLARK ESTA REST HOME	Pacific Telephone
	PARK LODGE REST HOME	Pacific Telephone
	CLARK ESTA REST HOME	Pacific Telephone

3029 N BIG DALTON AVE

Year	Uses	Source
1966	REYNA VINCENT	Pacific Telephone

3033 N BIG DALTON AVE

Year	Uses	Source
1960	SNAPP WM	Pacific Telephone
1957	CHADWICK Q H	Pacific Telephone
1950	CHRISTIEN ANNA E	Pacific Telephone
	CHRISTIEN ANNA E	Pacific Telephone

FINDINGS

3037 N BIG DALTON AVE

Year	Uses	Source
1960	BROCK DELLA J MRS	Pacific Telephone

3043 N BIG DALTON AVE

Year	Uses	Source
1995	SANTOSMARTHA	Pacific Bell

3047 N BIG DALTON AVE

Year	Uses	Source
1966	CRAVEN LARRY R	Pacific Telephone
1960	BROADLAND JOHN L	Pacific Telephone
1957	BROADLAND JOHN L	Pacific Telephone
1950	BROADLAND JOHN L	Pacific Telephone
	BROADLAND JOHN L	Pacific Telephone

3051 N BIG DALTON AVE

Year	Uses	Source
1966	NORRIS RONALD	Pacific Telephone

3053 N BIG DALTON AVE

Year	Uses	Source
1957	HABSTRITT HARRY	Pacific Telephone
1950	HABSTRITT HARRY	Pacific Telephone
	HABSTRITT HARRY	Pacific Telephone

3055 N BIG DALTON AVE

Year	Uses	Source
1966	HILDEBRAND PAUL R	Pacific Telephone
	FREER ANSON E	Pacific Telephone

3055D N BIG DALTON AVE

Year	Uses	Source
1966	JESSER RICHARD M	Pacific Telephone

3103 N BIG DALTON AVE

Year	Uses	Source
1966	PRICE DARRELL E	Pacific Telephone

FINDINGS

N HALINOR AVE

1844 N HALINOR AVE

Year	*Uses*	*Source*
1966	MARONE HARRY	Pacific Telephone

1861 N HALINOR AVE

Year	*Uses*	*Source*
1966	FINK FRANK F	Pacific Telephone

N PUENTE AVE

1832 N PUENTE AVE

Year	*Uses*	*Source*
1995	HIPPYPALACE	Pacific Bell

1848 N PUENTE AVE

Year	*Uses*	*Source*
1995	VILLAGE LIQUORS	Pacific Bell

PUENTE AVE

1765 PUENTE AVE

Year	*Uses*	*Source*
1995	Lopez Joe G	Pacific Bell
	WEEKS KEITH	Pacific Bell
	Weeks Lorraine C	Pacific Bell
	Weeks Lori	Pacific Bell
	Weeks Keith	Pacific Bell
	Weeks M&C Duar	Pacific Bell

1801 PUENTE AVE

Year	*Uses*	*Source*
2003	APARTMENTS	Haines & Company
	AGUIARSatumino	Haines & Company
	AGUIRRE Martha Chaez	Haines & Company
	CARRERA Ana Rosa	Haines & Company
1995	Cortex Juan Manuel	Pacific Bell
	Vaoquez Fellpe	Pacific Bell
	Rodruigez Maria	Pacific Bell
	Vazquez Francisco LH	Pacific Bell

FINDINGS

Year	Uses	Source
1995	CORTEX JUAN MANUEL	Pacific Bell
	MENENDEZ RICARDO	Pacific Bell
	RODRUIGEZ MARIA	Pacific Bell
	VAOQUEZ FELLPE	Pacific Bell

1813 PUENTE AVE

Year	Uses	Source
2003	LIU Robert	Haines & Company
1995	SLLVEIRA GERALD	Pacific Bell
	Sllveira Gerald O	Pacific Bell

1815 PUENTE AVE

Year	Uses	Source
2003	A TALAVERAArcelia	Haines & Company
	D VARGASDamel	Haines & Company
	C IZAGUIRREMarco	Haines & Company
1995	Pacheco Francisca	Pacific Bell
	PACHECO FRANCISCA	Pacific Bell
1975	GARCIA MANDO	Pacific Telephone

1817 PUENTE AVE

Year	Uses	Source
2003	XXXX	Haines & Company

1825 PUENTE AVE

Year	Uses	Source
2003	DAZARodngo	Haines & Company
1995	Raydix	Pacific Bell

1827 PUENTE AVE

Year	Uses	Source
2008	ALCARAZ BOBCAT SERVICE	Cole Information Services
2003	ESCUJURI John B	Haines & Company
1995	5 Escu uri John B	Pacific Bell
	ESCU URI JOHN B	Pacific Bell

1831 PUENTE AVE

Year	Uses	Source
2003	SANCHEZ Dan I	Haines & Company

FINDINGS

1832 PUENTE AVE

Year	Uses	Source
2003	KIMTao	Haines & Company

1834 PUENTE AVE

Year	Uses	Source
2008	FIESTA BAR	Cole Information Services
2003	OTHER BAR THE	Haines & Company

1836 PUENTE AVE

Year	Uses	Source
2008	TAQUERIA M TACUBAYA	Cole Information Services
2003	AGAPERESTAURANT	Haines & Company
1995	GUANTANAMERA RESTAURANT	Pacific Bell
	Guantanamera Restaurant	Pacific Bell

1838 PUENTE AVE

Year	Uses	Source
2008	VALDOVINOS APPLIANCES	Cole Information Services
2003	MAJESTIC DONUTS	Haines & Company
1995	Triangle Trophies	Pacific Bell
	TRIANGLE TROPHIES	Pacific Bell

1840 PUENTE AVE

Year	Uses	Source
2013	TENDER LOVING CARE ANIMAL HOSPITAL	Cole Information Services
1995	AMBER ANIMAL CLINIC	Pacific Bell
	GUNAWARDENA S DVM	Pacific Bell

1842 PUENTE AVE

Year	Uses	Source
2013	CARNICERIA Y PANADERIA ALMAZAN	Cole Information Services
2003	LANUEBA Raya	Haines & Company
1995	I Market Plus	Pacific Bell

1844 PUENTE AVE

Year	Uses	Source
2008	EL COSTENO BARBER SHOP	Cole Information Services
2003	ELCOSTENO BARBER	Haines & Company
1995	Village Barber Shop	Pacific Bell

FINDINGS

1846 PUENTE AVE

Year	Uses	Source
2013	ANNAS HAIR SALON	Cole Information Services
2008	CYNTHIAS BEAUTY SALON	Cole Information Services
2003	ROSYS HAIR SALON	Haines & Company
1995	Cynthias Beauty Salon	Pacific Bell
	CYNTHIA S BEAUTY SALON	Pacific Bell

1847 PUENTE AVE

Year	Uses	Source
2003	XXXX	Haines & Company

1848 PUENTE AVE

Year	Uses	Source
2013	VILLAGE LIQUORS	Cole Information Services
2008	VILLAGE LIQUOR	Cole Information Services
2003	VILLAGELIQUORS	Haines & Company

1849 PUENTE AVE

Year	Uses	Source
2013	DURANS QUALITY PAINTING	Cole Information Services
1995	DOAN S QUALITY PAINTING	Pacific Bell

1851 PUENTE AVE

Year	Uses	Source
1995	Armel Contractors Service	Pacific Bell

1853 PUENTE AVE

Year	Uses	Source
2008	DANNY D PINSTRIPING	Cole Information Services
2003	XXXX	Haines & Company

1855 PUENTE AVE

Year	Uses	Source
2003	CHINESE DRAGON	Haines & Company
	INTERNATL INC	Haines & Company
1995	C & G Manufacturing Co	Pacific Bell
	C & G MANUFACTURING CO	Pacific Bell

1870 PUENTE AVE

Year	Uses	Source
2008	VALERO	Cole Information Services

Year	Uses	Source
2008	ULTRAMAR INC	Cole Information Services
2003	BIGGEST EVENT EVER 626 4 B	Haines & Company
1995	H & S Enterprises	Pacific Bell

1889 PUENTE AVE

Year	Uses	Source
2013	UHAUL OF BALDWIN PARK	Cole Information Services
2008	U HAUL INTERNATIONAL	Cole Information Services
	UHAULCALIFORNIA	Cole Information Services
2003	UHAULCO	Haines & Company
1995	U-HAUL CO	Pacific Bell
	Baldwin Park	Pacific Bell

1919 PUENTE AVE

Year	Uses	Source
2013	LAIDLAWS HARLEY DAVIDSON	Cole Information Services
2003	XXXX	Haines & Company
1995	RV Electric	Pacific Bell
	RV DEPOT DISCOUNT MOTORHOME SALES CENTER	Pacific Bell
	RV Depot Discount Motorhome Sales Center	Pacific Bell
	Cruise America Motorhome Rental & Sales	Pacific Bell

PUENTE AVE E

1711 PUENTE AVE E

Year	Uses	Source
1951	Turner W L	Los Angeles Directory Co Publishers

1742 PUENTE AVE E

Year	Uses	Source
1951	Drendel H W A 1is i FI	Los Angeles Directory Co Publishers

1807 PUENTE AVE E

Year	Uses	Source
1951	Stinton A J f I	Los Angeles Directory Co Publishers

1810 PUENTE AVE E

Year	Uses	Source
1951	Vacant	Los Angeles Directory Co Publishers

FINDINGS

1941 PUENTE AVE E

Year	Uses	Source
1951	Suver F C	Los Angeles Directory Co Publishers

PUENTE ST

1702 PUENTE ST

Year	Uses	Source
1985	CORBIN JAS E	Pacific Bell
1975	BOWLAND MARK A	Pacific Telephone

1704 PUENTE ST

Year	Uses	Source
1975	GOLDSBY RICH	Pacific Telephone

1706 PUENTE ST

Year	Uses	Source
1975	FORTNER WARREN	Pacific Telephone

1712 PUENTE ST

Year	Uses	Source
1985	LIMON JOAQUIN	Pacific Bell

1714 PUENTE ST

Year	Uses	Source
1985	COLORES MARY E	Pacific Bell
1980	COLORES ROD PUENTE ST BALDWIN PARK	Pacific Telephone

1716 PUENTE ST

Year	Uses	Source
1985	SANCHEZ RUBEN	Pacific Bell
1980	SANCHEZ RUBEN PUENTE ST BALDWIN PARK	Pacific Telephone

1722 PUENTE ST

Year	Uses	Source
1975	HOLT ROY	Pacific Telephone

1728 PUENTE ST

Year	Uses	Source
1985	MENDOZA MANUEL	Pacific Bell

FINDINGS

Year	Uses	Source
1980	MENDOZA MANUEL PUENTE ST BALDWIN PARK	Pacific Telephone

1734 PUENTE ST

Year	Uses	Source
1975	INTERNATIONAL MEDITATION SOCIETY	Pacific Telephone
	TRANSCENDENTAL MEDITATION	Pacific Telephone

1735 PUENTE ST

Year	Uses	Source
1985	LAMAR CORA T	Pacific Bell
	MACKLIN LYMAN F	Pacific Bell
	MARTINEZ FRANCISCO	Pacific Bell
	MC KENNA THOS E	Pacific Bell
	MERCER VIRGIL A	Pacific Bell
	PATTON S M	Pacific Bell
	TORRES BENJAMIN	Pacific Bell
	WHITE WILLIAM J	Pacific Bell
	WIGGLESWORTH ROBT	Pacific Bell
	ANDERSON ROY & MARY	Pacific Bell
	BLUMBERG JACK	Pacific Bell
	BREEDLOVE I P	Pacific Bell
	BRUNNER ESTHER	Pacific Bell
	COMBS O R	Pacific Bell
	ENNOCENTI MONTI	Pacific Bell
	GIBSON HERBERT	Pacific Bell
	GUTIERREZ JOSEPHINE	Pacific Bell
	KINKA STEVE	Pacific Bell
1980	BREEDLOVE I P PUENTE ST BALDWIN PARK	Pacific Telephone
	MCKENNA THOS E PUENTE ST BALDWIN PARK	Pacific Telephone
	BLUMBERG JACK PUENTE ST BALDWIN PARK	Pacific Telephone
	BRUNNER ESTHER PUENTE ST BALDWIN PARK	Pacific Telephone
	COMBS O R PUENTE ST BALDWIN PARK	Pacific Telephone
	GIBSON HERBERT PUENTE ST BALDWIN PARK	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	GUTIERREZ JOSEPHINE PUENTE ST BALDWIN PARK	Pacific Telephone
	HARRINGTON A V PUENTE ST BALDWIN PARK	Pacific Telephone
	JOLLY JOHN P PUENTE ST BALDWIN PARK	Pacific Telephone
	KINKA STEVE PUENTE ST BALDWIN PARK	Pacific Telephone
	LA MAR CORA T PUENTE ST BALDWIN PARK	Pacific Telephone
	MACKLIN LYMAN F PUENTE ST BALDWIN PARK	Pacific Telephone
	RICE H I PUENTE ST BALDWIN PARK	Pacific Telephone
	SMITH ROBT J PUENTE ST BALDWIN PARK	Pacific Telephone
	WERNER C PUENTE ST BALDWIN PARK	Pacific Telephone
	WHITE WILLIAM J PUENTE ST BALDWIN PARK	Pacific Telephone
	WIGGLESWORTH ROBT PUENTE ST BALDWIN PARK	Pacific Telephone
1975	BLUMBERG JACK	Pacific Telephone
	BREEDLOVE I P	Pacific Telephone
	BRUNNER ESTHER	Pacific Telephone
	CHRISTENSEN CLIFTON A	Pacific Telephone
	COMBS O R	Pacific Telephone
	ENNOCENTI MONTI	Pacific Telephone
	GUTIERREZ JOSEPHINE	Pacific Telephone
	HALSEY B E	Pacific Telephone
	HARRINGTON A V	Pacific Telephone
	HUTCHENS PAULINE A	Pacific Telephone
	KINKA STEVE	Pacific Telephone
	LA MAR CORA T	Pacific Telephone
	MACKLIN LYMAN F	Pacific Telephone
	MCKENNA THOS E	Pacific Telephone
	PANNER JOHN C	Pacific Telephone
	RICE H I	Pacific Telephone
	WHITE WILLIAM J	Pacific Telephone
1966	HUBBARD EVERAL	Pacific Telephone
	KIESZ JULIUS D	Pacific Telephone

FINDINGS

1736 PUENTE ST

Year	Uses	Source
1975	BOLES K M	Pacific Telephone

1738 PUENTE ST

Year	Uses	Source
1985	ROSE DONALD E	Pacific Bell
1980	ROSE DONALD E PUENTE ST BALDWIN PARK	Pacific Telephone

1740 PUENTE ST

Year	Uses	Source
1985	TRAN LAN T H	Pacific Bell
1980	TRAN LAN T H PUENTE ST BALDWIN PARK	Pacific Telephone
1975	GONZALEZ RICARDO	Pacific Telephone

1744 PUENTE ST

Year	Uses	Source
1950	CHIVERS HELEN	Pacific Telephone
	SIERRA LODGE SANITARIUM	Pacific Telephone
	CHIVERS HELEN	Pacific Telephone
	SIERRA LODGE SANITARIUM	Pacific Telephone

1750 PUENTE ST

Year	Uses	Source
1985	SHANLEY W P	Pacific Bell
1980	SHANLEY W P PUENTE ST BALDWIN PARK	Pacific Telephone

1752 PUENTE ST

Year	Uses	Source
1980	MORRISON TWILA PUENTE ST BALDWIN PARK	Pacific Telephone

1754 PUENTE ST

Year	Uses	Source
1980	MOWDER FRED PUENTE ST BALDWIN PARK	Pacific Telephone
1975	MOWDER FRED	Pacific Telephone

FINDINGS

1756 PUENTE ST

Year	*Uses*	*Source*
1985	FOSTER K E	Pacific Bell
1980	FOSTER K E PUENTE ST BALDWIN PARK	Pacific Telephone
1975	FOSTER K E	Pacific Telephone

1758 PUENTE ST

Year	*Uses*	*Source*
1980	ROE JOHN H PUENTE ST BALDWIN PARK	Pacific Telephone

1760 PUENTE ST

Year	*Uses*	*Source*
1980	GLEN TOWNHOUSE HOMEOWNERS ASSOCIATION PUENTE ST BALDWIN PARK	Pacific Telephone

1765 PUENTE ST

Year	*Uses*	*Source*
1985	BREWER ETHEL	Pacific Bell
	CAPPS B	Pacific Bell
	CUDDEBACK A VERNON	Pacific Bell
	DEARDORFF PETE	Pacific Bell
	DOUDY MURL	Pacific Bell
	FOUNTAIN BLUE MOBILE HOME PARK	Pacific Bell
	GATES G	Pacific Bell
	GLOVER K V	Pacific Bell
	HARRIS RICHMOND R	Pacific Bell
	HEIER ADAM	Pacific Bell
	HUDSON S E	Pacific Bell
	KOFTON JOHN A	Pacific Bell
	LITZ BOYD	Pacific Bell
	MC GRATH EDW C	Pacific Bell
	MUTZ JOHN T	Pacific Bell
	NOLAN VIRGIL D	Pacific Bell
	PASCOE JERRY	Pacific Bell
	QUESENBERRY CARMEN	Pacific Bell
	REESE A C	Pacific Bell
	ROLLO ROBT	Pacific Bell
	SWAIN F	Pacific Bell
	THOMPSON TONY	Pacific Bell

FINDINGS

Year	Uses	Source
1985	TRAPP WM	Pacific Bell
	WEEKS KEITH	Pacific Bell
1980	BAYSINGER WANDA PUENTE ST BALDWIN PARK	Pacific Telephone
	BREWER ETHEL PUENTE ST BALDWIN PARK	Pacific Telephone
	HACKATHORN JAMES A PUENTE ST BALDWIN PARK	Pacific Telephone
	AGGSON HELEN I PUENTE ST BALDWIN PARK	Pacific Telephone
	ANDREW JAMES P PUENTE ST BALDWIN PARK	Pacific Telephone
	CRANE RICHARD P PUENTE ST BALDWIN PARK	Pacific Telephone
	CUDDEBACK A VERNON PUENTE ST BALDWIN PARK	Pacific Telephone
	DOUDY MURI PUENTE ST BALDWIN PARK	Pacific Telephone
	FLYNN ARLENE & FRANK E PUENTE ST BALDWIN PARK	Pacific Telephone
	FOUNTAIN BLUE MOBILE HOME PARK PUENTE ST BALDWIN PARK	Pacific Telephone
	HARE KENNY PUENTE ST BALDWIN PARK	Pacific Telephone
	HARRIS RICHMOND R PUENTE ST BALDWIN PARK	Pacific Telephone
	HOOPER NOEL R PUENTE ST BALDWIN PARK	Pacific Telephone
	KOFTON JOHN A PUENTE ST BALDWIN PARK	Pacific Telephone
	LITZ BOYD PUENTE ST BALDWIN PARK	Pacific Telephone
	LOYA M F PUENTE ST BALDWIN PARK	Pacific Telephone
	MCGRATH EDW C PUENTE ST BALDWIN PARK	Pacific Telephone
	MILLER DAGAN PUENTE ST BALDWIN PARK	Pacific Telephone
	MUTZ JOHN T PUENTE ST BALDWIN PARK	Pacific Telephone
	PORTERFIELD O PUENTE ST BALDWIN PARK	Pacific Telephone
	RABENS HENRY J PUENTE ST BALDWIN PARK	Pacific Telephone
	ROLLO ROBT PUENTE ST BALDWIN PARK	Pacific Telephone
	RUETZE GERD PUENTE ST BALDWIN PARK	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	SIDES ROY PUENTE ST BALDWIN PARK	Pacific Telephone
	SMITH JOHN R PUENTE ST BALDWIN PARK	Pacific Telephone
	SPANGLER DON PUENTE ST BALDWIN PARK	Pacific Telephone
	SULLIVAN GERALDINE PUENTE ST BALDWIN PARK	Pacific Telephone
	SWAIN F PUENTE ST BALDWIN PARK	Pacific Telephone
	VIESCA SAL JR PUENTE ST BALDWIN PARK	Pacific Telephone
	WEEKS EVERETT L PUENTE ST BALDWIN PARK	Pacific Telephone
	WEEKS KEITH PUENTE ST BALDWIN PARK	Pacific Telephone
1975	AGGSON HELEN I	Pacific Telephone
	ANDREW JAMES P	Pacific Telephone
	BAIRD E	Pacific Telephone
	BREWER ETHEL	Pacific Telephone
	CASSIDY J J	Pacific Telephone
	CRANE RICHARD P	Pacific Telephone
	CUDDEBACK A VERNON	Pacific Telephone
	DILLARD LEROY	Pacific Telephone
	FLYNN ARLENE	Pacific Telephone
	GEHL ROBERT F	Pacific Telephone
	GRACER M	Pacific Telephone
	HACKATHORN JAMES A	Pacific Telephone
	HAMMOCK NEIL MRS	Pacific Telephone
	HARRIS RICHMOND R	Pacific Telephone
	JOLLY JOHN P	Pacific Telephone
	MC CARTHY NEAL SR	Pacific Telephone
	MUTZ JOHN T	Pacific Telephone
	PORTERFIELD O	Pacific Telephone
	POWELL JAS A	Pacific Telephone
	SHOCKLEY PHILLIP B REV	Pacific Telephone
	WHITE B N	Pacific Telephone
	WORKMAN MILDRED	Pacific Telephone
	WRIGHT GLYN	Pacific Telephone
	ZANKER JOHN	Pacific Telephone
1966	BOSTON GEO H	Pacific Telephone
	CRANE RICHARD P	Pacific Telephone

FINDINGS

Year	Uses	Source
1966	DUECK HENRY P	Pacific Telephone
	ELLIOTT CLARENCE M	Pacific Telephone
	LITTLE MILDRED	Pacific Telephone
	MUTZ JOHN T	Pacific Telephone
	RABENS HENRY J	Pacific Telephone
	TODD EUGENE E	Pacific Telephone

1765C PUENTE ST

Year	Uses	Source
1980	GATES G PUENTE ST BALDWIN PARK	Pacific Telephone

1801 PUENTE ST

Year	Uses	Source
1985	GONZALES PAUL P	Pacific Bell
	ARTEAGA MARIA	Pacific Bell
	IBARRA CLAUDIO	Pacific Bell
1980	ARTEAGA MARIA PUENTE ST BALDWIN PARK	Pacific Telephone
	WICK THOS PUENTE ST BALDWIN PARK	Pacific Telephone
	URIBE VICENTE PUENTE ST BALDWIN PARK	Pacific Telephone
	URBINA NORA PUENTE ST BALDWIN PARK	Pacific Telephone
	RADCLIFFE MARY LOU PUENTE ST BALDWIN PARK	Pacific Telephone
	GONZALES PAUL P PUENTE ST BALDWIN PARK	Pacific Telephone
	GARCIA PATRICK PUENTE ST BALDWIN PARK	Pacific Telephone
	GARCIA LARRY PUENTE ST BALDWIN PARK	Pacific Telephone
1975	ARTEAGA MARIA	Pacific Telephone
	GONZALES PAUL P	Pacific Telephone
	MENDOZA DELPHINA	Pacific Telephone
	ROY MILTON	Pacific Telephone
	SIMPSON P	Pacific Telephone
	WRIGHT R L	Pacific Telephone

1813 PUENTE ST

Year	Uses	Source
1985	SILVEIRA GERALD D	Pacific Bell

Year	Uses	Source
1980	SILVEIRA GERALD D PUENTE ST BALDWIN PARK	Pacific Telephone

1815 PUENTE ST

Year	Uses	Source
1985	WHITMIRE KATHY R	Pacific Bell
1980	TUCKER DEAN PUENTE ST BALDWIN PARK	Pacific Telephone

1827 PUENTE ST

Year	Uses	Source
1985	ESCUJURI JOHN B	Pacific Bell
1980	ESCUJURI JOHN B PUENTE ST BALDWIN PARK	Pacific Telephone
1975	ESCUJURI JOHN B	Pacific Telephone

1831 PUENTE ST

Year	Uses	Source
1980	FOOR GERALD E PUENTE ST BALDWIN PARK	Pacific Telephone
1975	ZANFIELD SHARON	Pacific Telephone

1832 PUENTE ST

Year	Uses	Source
1985	PANDA GARDEN RESTAURANT	Pacific Bell
1980	PANDA GARDEN RESTAURANT PUENTE ST BALDWIN PARK	Pacific Telephone
1975	PANDA GARDEN RESTAURANT	Pacific Telephone

1834 PUENTE ST

Year	Uses	Source
1985	TONYS TAVERN	Pacific Bell
1980	MIKES PUB PUENTE ST BALDWIN PARK	Pacific Telephone
1975	JOE N PEGS	Pacific Telephone

1836 PUENTE ST

Year	Uses	Source
1985	SCARDINOS PIZZA NO 2	Pacific Bell
1980	TEDESCO S PIZA PUENTE ST BALDWIN PARK	Pacific Telephone
1975	TEDESCO S PIZZA	Pacific Telephone

FINDINGS

1837 PUENTE ST

Year	Uses	Source
1975	ESCURJURI J	Pacific Telephone

1838 PUENTE ST

Year	Uses	Source
1985	MAJOR APPLIANCE PARTS A DIVISION OF WASHER PARTS WHOLESALE	Pacific Bell
	WASHER PARTS WHOLESALE	Pacific Bell
1975	DAVE S T V	Pacific Telephone

1842 PUENTE ST

Year	Uses	Source
1985	APPLIANCE REBUILDERS	Pacific Bell
1980	WHOLESALE ELECTRONICS PUENTE ST BALDWIN PARK	Pacific Telephone
	ELECTRONICS SUPPLY CORP BALDWIN PARK PUENTE ST BALDWIN PARK	Pacific Telephone
1975	SHELCO SERVICE CENTER	Pacific Telephone
	WHOLESALE ELECTRONICS	Pacific Telephone
	ELECTRONICS SUPPLY CORP BALDWIN PARK	Pacific Telephone
	BALDWIN PARK ELECTRONICS SUPPLY CORP	Pacific Telephone

1844 PUENTE ST

Year	Uses	Source
1985	VILLAGE BARBER SHOP	Pacific Bell
1980	VILLAGE BARBER SHOP PUENTE ST BALDWIN PARK	Pacific Telephone
1975	VILLAGE BARBER SHOP	Pacific Telephone

1846 PUENTE ST

Year	Uses	Source
1985	ESTHERS HAIR DESIGNS	Pacific Bell
1975	IRMAS HAIR STYLES	Pacific Telephone

1848 PUENTE ST

Year	Uses	Source
1985	VILLAGE LIQUORS	Pacific Bell
1980	VILLAGE LIQUORS PUENTE ST BALDWIN PARK	Pacific Telephone
1975	VILLAGE LIQUORS	Pacific Telephone

1855 PUENTE ST

Year	Uses	Source
1985	BALDWIN PARK ELECTRONICS SUPPLY CORP	Pacific Bell
	ELECTRONICS SUPPLY CORP BALDWIN PARK	Pacific Bell
	WHOLESALE ELECTRONICS	Pacific Bell
1980	LORDS AUTOMOTIVE SUPPLIES PUENTE ST BALDWIN PARK	Pacific Telephone

1870 PUENTE ST

Year	Uses	Source
1985	SAID S TEXACO	Pacific Bell
1980	REED NORM AUTOMOTIVE SERVICE PUENTE ST BALDWIN PARK	Pacific Telephone
1975	KINTZ SHELL SERVICE	Pacific Telephone

1889 PUENTE ST

Year	Uses	Source
1985	U-HAUL CO CENTERS	Pacific Bell
	U-HAUL CENTER OF BALDWIN PARK	Pacific Bell
1980	BALDWIN PARK MOVING CENTER PUENTE ST BALDWIN PARK	Pacific Telephone
	U-HAUL CO MOVING CENTERS	Pacific Telephone
1975	AL S EXXON SERVICE	Pacific Telephone

S HALINOR AVE

1808 S HALINOR AVE

Year	Uses	Source
1960	HODGES HARIN E	Pacific Telephone

1809 S HALINOR AVE

Year	Uses	Source
1960	ARMOND PAUL	Pacific Telephone

1814 S HALINOR AVE

Year	Uses	Source
1960	IRLANDA FRANCISCO	Pacific Telephone

1840 S HALINOR AVE

Year	Uses	Source
1960	MANSFIELD STANLEY R	Pacific Telephone

FINDINGS

1844 S HALINOR AVE

Year	*Uses*	*Source*
1960	PETERSON MERLE	Pacific Telephone

1845 S HALINOR AVE

Year	*Uses*	*Source*
1960	ORONOZ RALPH J	Pacific Telephone

1850 S HALINOR AVE

Year	*Uses*	*Source*
1960	ADAMS ROBT R	Pacific Telephone

1851 S HALINOR AVE

Year	*Uses*	*Source*
1960	MALLETTE CHAS JR	Pacific Telephone

1857 S HALINOR AVE

Year	*Uses*	*Source*
1960	CHRISTNER KARL NEWMAN	Pacific Telephone

1860 S HALINOR AVE

Year	*Uses*	*Source*
1960	DEI VERA	Pacific Telephone

1861 S HALINOR AVE

Year	*Uses*	*Source*
1960	KARR DONALD R	Pacific Telephone

1866 S HALINOR AVE

Year	*Uses*	*Source*
1960	COFFEY WM N	Pacific Telephone

WALNUT CREEK PKWY

14308 WALNUT CREEK PKWY

Year	*Uses*	*Source*
2008	B M P TRADING CO INC	Cole Information Services

FINDINGS

WALNUT CREEK PKY

14321 WALNUT CREEK PKY

Year	*Uses*	*Source*
2003	:GUTIERREZ Carmien	Haines & Company
1995	GUTLERRE! CARMEN	Pacific Bell
1980	GUTIERREZ CARMEN WALNUT CREEK PKWY BALDWIN PARK	Pacific Telephone
1975	GUTIERREZ CARMEN	Pacific Telephone

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
14622 Dalewood Street	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
14208 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14227 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14227 GARVEY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14230 DALEWOOD ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14230 DALEWOOD ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14237 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14237 GARVEY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
14244 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14245 GARVEY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14245 GARVEY AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14248 DALEWOOD ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14248 DALEWOOD ST	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14249 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14253 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14257 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14257 GARVEY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14259 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14262 DALEWOOD ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
14262 DALEWOOD ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14262 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14265 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14265 GARVEY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14266 DALEWOOD ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14266 DALEWOOD ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14270 DALEWOOD ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14270 DALEWOOD ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14271 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14272 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14274 DALEWOOD ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
14276 DALEWOOD ST	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14276 DALEWOOD ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14277 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14277 GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14283 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14303 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14303 GARVEY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14308 WALNUT CREEK PKWY	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14311 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14313 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14313 GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
14314 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14315 E DALEWOOD ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14315 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14317 1/2 GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14317 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14319 GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14321 WALNUT CREEK PKY	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14323 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14324 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14325 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14325 GARVEY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
14327 1/2 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14327 1/2 GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14327 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14327 GARVEY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14329 1/2 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14329 1/2 GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14329 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14329 GARVEY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14331 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14331 GARVEY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14333 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
14333 GARVEY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14335 1/2 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14335 1/2 GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14335 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14335 GARVEY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14339 1/2 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14339 1/4 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14339 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14340 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14341 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14342 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
14345 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14345 GARVEY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14347 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14353 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14353 GARVEY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14359 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14359 GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14365 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14365 GARVEY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14371 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14401 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
14401 GARVEY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14405 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14405 GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14425 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14434 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14434 GARVEY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14436 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14436 GARVEY AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14439 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14439 GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14442 E GARVEY AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
14600 DALEWOOD AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14614 DALEWOOD AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14624 DALEWOOD AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1702 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1704 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1706 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1711 PUENTE AVE E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1712 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1714 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1716 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1722 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1728 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1734 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1735 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1736 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1738 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1740 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1742 PUENTE AVE E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1744 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1750 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1752 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1754 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1756 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1758 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1760 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1765 PUENTE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1765 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1765C PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1801 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1801 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1807 PUENTE AVE E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1808 HALINOR AVE N	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1808 S HALINOR AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1809 HALINOR AVE N	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1809 HALINR AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1809 S HALINOR AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1810 PUENTE AVE E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1813 HALINOR AVE N	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1813 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1813 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1814 HALINOR AVE N	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1814 S HALINOR AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1815 CALINO AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1815 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1815 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1817 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1825 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1827 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1827 PUENTE AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1827 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1831 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1831 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1832 N PUENTE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1832 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1832 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1834 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1834 PUENTE AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1834 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1836 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1836 PUENTE AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1836 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1837 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1838 CALINO AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1838 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1838 PUENTE AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1838 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1840 HALINOR AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1840 HALINOR AVE N	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1840 PUENTE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1840 PUENTE AVE	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1840 S HALINOR AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1841 HALINOR AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1841 HALINOR AVE N	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1842 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1842 PUENTE AVE	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1842 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1844 HALINOR AVE N	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1844 N HALINOR AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1844 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1844 PUENTE AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1844 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1844 S HALINOR AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1845 S HALINOR AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1846 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1846 PUENTE AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1846 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1847 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1848 N PUENTE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1848 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1848 PUENTE AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1848 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1849 PUENTE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1849 PUENTE AVE	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1850 HALINOR AVE N	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1850 HALINR AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1850 S HALINOR AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1851 HALINOR AVE N	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1851 PUENTE AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1851 S HALINOR AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1853 PUENTE AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1853 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1855 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1855 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1856 HALINOR AVE N	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1857 CALINO AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1857 HALINOR AVE N	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1857 S HALINOR AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1860 HALINOR AVE N	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1860 S HALINOR AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1861 CALINO AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1861 HALINOR AVE N	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1861 N HALINOR AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1861 S HALINOR AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1862 CALINO AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1866 CALINO AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1866 HALINOR AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1866 HALINOR AVE N	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1866 S HALINOR AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1867 HALINOR AVE N	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1868 CALINO AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1869 CALINO AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1870 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1870 PUENTE AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1870 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1873 CALINO AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1874 CALINO AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1879 CALINO AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1880 CALINO AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1883 CALINO AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1889 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1889 PUENTE AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1889 PUENTE ST	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
1919 PUENTE AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1919 PUENTE AVE	2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1941 PUENTE AVE E	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3000 BIG DALTON AVE	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3005 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3005 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3011 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3011 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3015 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3019 BIG DALTN AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3019 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3019 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3029 BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3029 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3031 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3033 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3033 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3035 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3035 BIG DALTON AVE	2013, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3037 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3037 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3039 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3041 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3043 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3043 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3047 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3047 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3051 BIG DALTN AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3051 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3051 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3053 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3055 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3055 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3055D N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3057 BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3059 BIG DALTN AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3059 BIG DALTON AVE	2013, 2008, 2006, 2004, 2001, 2000, 1999, 1996, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3103 N BIG DALTON AVE	2013, 2008, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

APPENDIX E
PUBLIC AGENCY RECORDS / OTHER DOCUMENTS



Property Overview

14622 DALEWOOD ST, BALDWIN PARK, CA, 91706- 6010

Owner and Geographic Information



Primary Owner:		**Secondary Owner:**
WILSHIRE STATE BANK,		
Mail Address:		3200 WILSHIRE BLVD # 7TH LOS ANGELES CA 90010
Site Address:		14622 DALEWOOD ST BALDWIN PARK CA 91706
APN : 8463-001-012	**Lot Number :** 50	**Page Grid :** 638-C1
Housing Tract Number:		

Legal Description : Lot: 50 Abbreviated Description: LOT:50 CITY:REGION/CLUSTER: 27/27639 SUBD:EL MONTE WALNUT PLACE MB-6-104 FOR DESC SEE ASSESSOR'S MAPS POR OF LOT 50 Comments: IMP1=COM,2702SF,YB:1965,1STY;IMP2=COM,54000SF,YB:1965,1STY.City/Muni/Twp: REGION/CLUSTER: 27/27639

Property Details



Bedrooms :	**Year Built :** 1965	**Square Feet :** 2,702 SF
Bathrooms :	**Garage :**	**Lot Size :** 1.47 AC
Total Rooms :	**Fireplace :**	**Number of Units :** 0
Zoning : BPCM*	**Pool :**	**Use Code :** Restaurant

Sale & Loan



Transfer Date : 02/11/2014	**Seller :** ALCAZAR, FELIPE; MEDINA, BERTHA	
Transfer Value : $1,114,636	**Document # :** 14-0148671	**Cost/Sq Feet :** $412

Assessment & Taxes



Assessed Value : $1,757,378	**Percent Improvement :** 7.14%	**Homeowner Exemption :**
Land Value : $1,631,890	**Tax Amount :** $26,755.30	**Tax Rate Area :** 9-451
Improvement Value : $125,488	2009	**Tax Account ID :**
Market Improvement Value :	**Market Land Value :**	**Market Value :**

Offered by Ticor Title Insurance
All information produced is deemed reliable but is not guaranteed.

TICOR TITLE COMPANY



Property Overview

14622 DALEWOOD ST, BALDWIN PARK, CA, 91706- 6010

Owner and Geographic Information



Primary Owner:		**Secondary Owner:**
WILSHIRE STATE BANK,		
Mail Address:		3200 WILSHIRE BLVD # 7TH LOS ANGELES CA 90010
Site Address:		14622 DALEWOOD ST BALDWIN PARK CA 91706
APN : 8463-001-013	**Lot Number :** 50	**Page Grid :** 638-C1
Housing Tract Number:		

Legal Description : Lot: 50 Abbreviated Description: LOT:50 CITY:REGION/CLUSTER: 27/27639 SUBD:EL MONTE WALNUT PLACE FOR DESC SEE ASSESSOR'S MAPS POR OF LOT 50 M.B.6-104 Comments: IMP1=COM,2554SF,YB:1965,1STY;IMP2=COM,2205SF,YB:1965,1STY.City/Muni/Twp: REGION/CLUSTER: 27/27639

Property Details



Bedrooms :	**Year Built :** 1965	**Square Feet :** 2,554 SF
Bathrooms :	**Garage :**	**Lot Size :** 6,050 SF
Total Rooms :	**Fireplace :**	**Number of Units :** 0
Zoning : BPCM*	**Pool :**	**Use Code :** Restaurant

Sale & Loan



Transfer Date : 02/11/2014	**Seller :** ALCAZAR, FELIPE; MEDINA, BERTHA	
Transfer Value : $1,114,636	**Document # :** 14-0148671	**Cost/Sq Feet :** $436

Assessment & Taxes



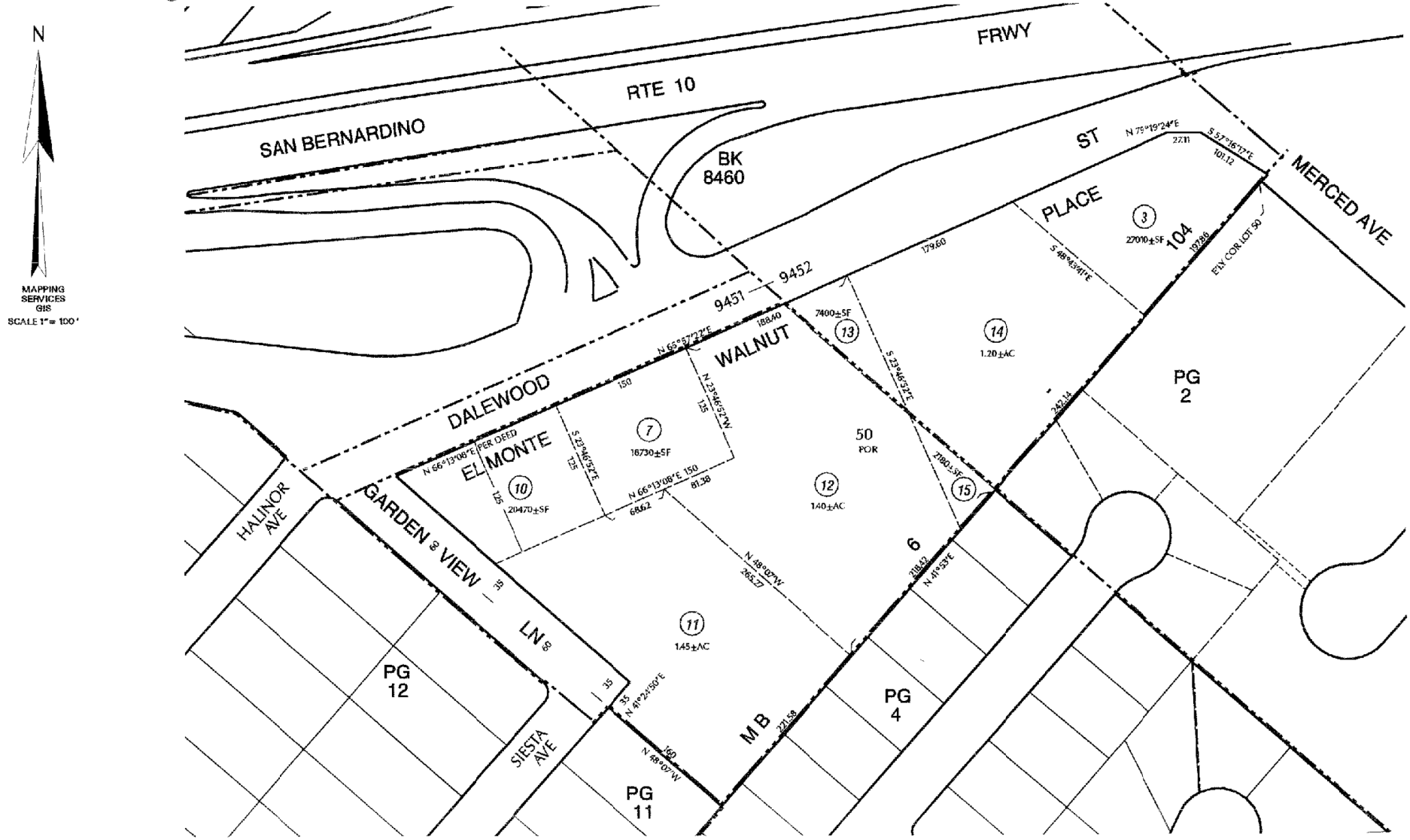
Assessed Value : $462,218	**Percent Improvement :** 18.1%	**Homeowner Exemption :**
Land Value : $378,560	**Tax Amount :** $5,662.20	**Tax Rate Area :** 9-452
Improvement Value : $83,658	2009	**Tax Account ID :**
Market Improvement Value :	**Market Land Value :**	**Market Value :**

Offered by Ticor Title Insurance
All information produced is deemed reliable but is not guaranteed.

TICOR TITLE COMPANY

8463	1 SHEET	P.A. 114-502	TRA 9451 9452	REVISED 880307 920428	950717 98080304				SEARCH NO	MAP EXTENTS 4299477-4300769 4137390-4138268	OFFICE OF THE ASSESSOR COUNTY OF LOS ANGELES COPYRIGHT © 1998

1999



City of Baldwin Park
Department of Community Services
Building Division
14403 E. Pacific Avenue, Baldwin Park, CA 91706
(818) 960-4011 * ext. 265

V2705 [redacted] building permit

Owner [redacted] st.)
Address
City

Building Address 14622 Valewood

Use Zone	Group	Type Const.	Fire Zone

Contractor C H T Signs
Address 5421 Alhambra Ave.
City LA 90032 Tel. No. 213-225-7038
State License No. 304606 B.P. Business License No.

Lending Institution /
Address
City Tel. No.

Architect or Engineer /
Address
City Tel. No.
State License No.

Lot Block Tract
Lot Size No. Bldgs. now on lot
Use of Building

PERMIT VALIDATION

17.55 PC
28.50 PF
.13 SM
46.18 TL
46.18CH PD
87 5/87/87
.00CA CG

Field Notes:

DESCRIPTION OF WORK

New	Add.	Repair	Demolish	Patio	Swim Pool	Sign
	X					

Size	Sq. Ft.	No. Rooms	No. Baths	No. Stories

WALL COVERING Int. Ext.
ROOF COVERING
USE OF STRUCTURE OR DEVICES Remove existing non-sign "Chefs" Sign change out letters only, per plan

VALUATION	1,900.00
Plan Check Fee	17.55
Permit Fee	28.50
Sub-Total	46.05
Energy P.C.	N/A
SMI	.13
TOTAL	46.18

APPROVALS	DATE	INSPECTION
Foundation, Location Forms, Materials		
Reinforcing Steel		
Pool Fence		
Insulation		
Framing		
Lath or Gypsum Interior		
Lath Exterior		
Grading Completed		
House No. Posted		
Final Approval	ATF 11-9-87	

NO FINAL INSPECTION REQUESTED

All Building Permits in excess of $5,000.00 valuation require curb and gutter, sidewalk, drive approach and street trees.

I have read this application and all information is correct. I agree to comply with all city ordinances and resolutions, and state laws regulating building construction.

Signature of Applicant Melinda Lewis

PERMIT VOID IF WORK IS NOT COMMENCED WITHIN 180 DAYS OF ISSUANCE

Issuing Officer M. Kah Date 5-27-87

Department of Building and Safety
14403 East Pacific Avenue • Baldwin Park, Calif.

STANDARDS MUST EXIST ON ALL STREET FRONTAGES. SEE ... STREET PAVING ...
... FOR ALL ZONES EXCEPT R-1 AND R-2. CITY COUNCIL RESOLUTION ...
ENFORCEMENT OVER THE ABOVE REQUIREMENTS.

Plan Check (. .)

14622 Dalewood.

BUILDING ADDRESS ~~El Monte & Walnut Frontage Rd~~

CITY Baldwin Park

	GROUP	TYPE CONST.	FIRE ZONE
USE ZONE	C-2		

SPECIAL CONDITIONS approved by Planning Commission Resolution for # ZV 123

BUILDING SETBACK	YARD
FRONT P.L.	
SIDE P.L.	
REAR P.L.	

CONTRACTOR Federal Sign & Signal

ADDRESS 1100 N Main St

CITY L.A. 12 TEL. NO CA 1-6141

STATE LICENSE NO. 217730 B.P. BUSINESS LICENSE NO. 585

ARCHITECT OR ENGINEER G.T. Farrell

ADDRESS 1100 N Main St

CITY L.A. 12 TEL. NO CA 1-6141

STATE LICENSE NO. SE 905 B.P. BUSINESS LICENSE NO.

LOT BLOCK TRACT

LOT SIZE NO. BLDGS. NOW ON LOT

USE OF EXISTING BUILDING

METES AND BOUNDS ATTACHED YES NO

DESCRIPTION OF WORK

New	Add.	Sign	Repair	Demolish	Patio	Swim Pool

Size Sq. Ft. | No. Rooms / No. Baths | No. Stories

WALL COVERING Int. | Ext.

ROOF COVERING

USE OF STRUCTURE OR DEVICES Double Face illum pole signs

29' x 12' (1) single face illum
25' x 5' Deck sign 14' x 18"
11'6" x 5'

I ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF APPLICANT Bud Seberg (AGENT)

ADDRESS 1100 N Main Street L.A. 12

APPROVALS	DATE	INSP. SIG.
FOUNDATION, LOCATION FORMS, MATERIALS	10/29/65	D. Ferro
JOISTS AND GIRDERS		
FURNACE: LOCATION GAS VENT, DUCTS		
FRAMING		
LATH OR GYPSUM INTERIOR		
LATH EXTERIOR		
INTERIOR PLASTER		
EXTERIOR PLASTER		
GRADING COMPLETED		
HOUSE NO. POSTED	SE 10 $1259	00045.00 2.
FINAL APPROVAL	12/2/65	D. Ferro

VALUATION 9000.00

PLAN CHECK FEE	15.00
PERMIT FEE	30.00
TOTAL	45.00 Due

PERMIT VALIDATION

PERMIT VOID IF WORK IS NOT COMMENCED WITHIN 60 DAYS OF ISSUANCE
This is a Building Permit Only When Properly Filled Out, Signed and Validated.

ISSUING OFFICER [signature] 9/10/65 Cash

INSPECTOR'S COPY

BUILDING DEPARTMENT - ELECTRICAL DIVISION

INSPECTOR'S COPY

SHOW WIRING DIAGRAM ON REVERSE SIDE

Department of Building and Safety
14403 East Pacific Avenue • Baldwin Park, Calif.
EDgewood 8-1181

Plan Check (CITY.)

14622 Wadewood Ave.

OWNER
MAIL ADDR
CITY

BUILDING ADDRESS FRONTAGE ROAD AT PUENTE AVE OFF RAMP

CONTRACTOR John D. Howard
ADDRESS 13309 W. Olive
CITY Burbank TEL. NO. Vi 9-2401
STATE LICENSE NO. 859768 B.P. BUSINESS LICENSE NO. 2122
ARCHITECT OR ENGINEER LAWRENCE FARRANT
ADDRESS 3440 WILSHIRE BLVD.
CITY LOS ANGELES TEL. NO. 387-8235
STATE LICENSE NO. B.P. BUSINESS LICENSE NO.

GROUP	TYPE CONST.	FIRE ZONE
B-3	V-1	

USE ZONE C-2
SPECIAL CONDITIONS

BUILDING SETBACK	YARD
FRONT P.L.	
SIDE P.L.	
REAR P.L.	

PTN LOT 50 WALNUT PLACE TRACT
LOT BLOCK TRACT
LOT SIZE 188 x 292.96 E IRREG. NO. BLDGS. NOW ON LOT NONE
USE OF EXISTING BUILDING
METES AND BOUNDS ATTACHED YES NO

DESCRIPTION OF WORK

New	Add.	Sign	Repair	Demolish	Patio	Swim Pool
X						

Size Sq. Ft. 5,675' No. Rooms 13 No. Baths 2 No. Stories 1
WALL COVERING Int. Sand & Plaster & B'Boards but Ext. Block Plaster & Stucco
ROOF COVERING STEEL SHINGLES
USE OF STRUCTURE OR DEVICES RESTAURANT

I ACKNOWLEDGE THAT I HAVE READ THIS APPLICATION AND STATE THAT THE ABOVE IS CORRECT AND AGREE TO COMPLY WITH ALL CITY ORDINANCES AND STATE LAWS REGULATING BUILDING CONSTRUCTION.

SIGNATURE OF APPLICANT James S. Kraft
ADDRESS 1807 E. Olympic

APPROVALS	DATE	INSP. SIG.
FOUNDATION, LOCATION FORMS, MATERIALS	8-6-65	R H Downs
JOISTS AND GIRDERS		
FURNACE: LOCATION GAS VENT, DUCTS		
FRAMING	10/5/65	D. Lewis
LATH OR GYPSUM INTERIOR	10/13/65	D Lewis
LATH EXTERIOR	10/13/65	D Lewis
INTERIOR PLASTER		
EXTERIOR PLASTER		
GRADING COMPLETED	12/2/65	D Lewis
HOUSE NO. POSTED	12/2/65	D Lewis
FINAL APPROVAL	12/2/65	D Lewis

8-10-65 OK to Cover Conduit feed from pole to meter room. Checked Conduit in wall. Issue permit - R H Downs

VALUATION $80,000.00 OVER

PLAN CHECK FEE $92.75
PERMIT FEE 185.50
TOTAL due $185.50

PERMIT VALIDATION

PERMIT VOID IF WORK IS NOT COMMENCED WITHIN 60 DAYS OF ISSUANCE
This is a Building Permit Only When Properly Filled Out, Signed and Validated

ISSUING OFFICER D. J. D. 6-7-65

INSPECTOR'S COPY

PAT CO-OP,
1915 WEST TEMPLE STREET
LOS ANGELES 26, CALIF.
PHONE 483-3904

KRAFT ENTERPRISES

INCOME PROPERTIES - INVESTMENTS & DEVELOPMENTS

SEP 22 '65 AM

RECEIVED
CITY OF BALDWIN PARK

September 21, 1965

Mr. Terry Debay
Jackbilt, Incorporated
3300 West Olive Avenue
Burbank, California

Re: Howard Johnson
Baldwin Park
Gaylord Ventilators

Dear Mr. Debay:

Please note that the question as to whether or not a grease trap is required is up to the local code requirement. Your conformance must of course be govered by these local requirements, which very from area to area.

Yours very truly,

PAT CO-OP AGENCIES

Norman Auerbach

NA:a
cc: Mr. Dean Levi
Building Inspector
14403 E. Pacific Avenue
Baldwin Park, Calif.
c: Gaylord Industries

CITY OF BALDWIN PARK

14403 E. Pacific Ave.
EDgewood 8-1181

ENGINEERING DEPARTMENT

PUBLIC WORKS PERMIT

No 3188

DATE Nov. 12, 1965

LOCATION OF WORK: 14622 Dalewood

PERMITTEE shall notify Supt. of Public Works 24 hours before starting. PERMITTEE shall be responsible for proper protection with barricades and lights. Restoration of pavement will be done by Applicant.
THIS PERMIT EXPIRES 30 DAYS FROM DATE OF ISSUE.

REASON FOR WORK: Required By: L/S No. / Tract No. / B/P No.			Voluntary	Inspection Approved
1. SIDEWALK		PERMIT FEE	$	
2. DRIVEWAY		PERMIT FEE		
3. OVER LIMIT LOAD		PERMIT FEE		
4. CURB AND GUTTER	LENGTH	PERMIT FEE		912 3860 00037.60
5. EXCAVATION — DIRT SURFACE	100x2 SQ. FT. .02	PERMIT FEE	4.00	
6. EXCAVATION — PAVEMENT	336x2 SQ. FT. .05	PERMIT FEE	33.60	
7. OTHER		PERMIT FEE		
8. ENGINEERING FEE				
TOTAL ACCOUNT 924			$ 37.60	$ 37.60
9. PAVEMENT RESTORATION	672 SQ. FT. .10 ACCOUNT 982			912 3861 67.20 $
10. SEWER CONNECTION CHARGE PER PAR. NO.	ACCOUNT 983.07			
FRONT FOOTAGE	LOT DEPTH			$
LOT AREA IN SQ. FT.				
SEE REVERSE SIDE FOR BASIS OF CHARGE				
. CASH DEPOSIT	336x2 at .65/sq. ft. ACCOUNT 702			912 3862 00436.80 $ 436.80
		TOTAL PERMIT		$ 541.60

ARKS: WORK PERFORMED BY: CITY ☐ OTHER ☐

Terry DeBoy 849 2401

T: I agree to comply with all City Ordinances, Resolutions, Standards, and Specifications currently in force, and to pay d proper replacement of any item installed under this permit which does not comply with the above. I agree to pay for eplacements in excess of the amounts shown above which may be cut or damaged as a result of any work accompli ermit.

ntractor Wright & Robert

License: 232790 A
No. Type

License No. 2452

Telephone No. 966-5197

Name of Owner Howard Johnson

Address 387-8235

X Terry Deboy - 849-2401
Signature of Applicant (Owner, Authorized Agent or Contractor)

REQUEST FOR STAKING

COUNTY OF LOS ANGELES
Public Health

JONATHAN E. FIELDING, M.D., M.P.H.
Director and Health Officer

CYNTHIA A. HARDING, M.P.H.
Chief Deputy Director

Public Health Investigation Administration
LEOLA MERCADEL
Chief, Public Health Investigation

5555 Ferguson Drive, Suite 120-04
Commerce, California 90022
TEL (323) 890-7801 • FAX (323) 728-0217

www.publichealth.lacounty.gov

BOARD OF SUPERVISORS

Gloria Molina
First District

Mark Ridley-Thomas
Second District

Zev Yaroslavsky
Third District

Don Knabe
Fourth District

Michael D. Antonovich
Fifth District

March 03, 2014

ENCON
KAYLA ALRID
3255 WILSHIRE BLVD., STE 1508
LOS ANGELES, CA 90010

RE: 14622 DALEWOOD ST., BALDWIN PARK, CA 91706

I, the undersigned, being the Custodian or the Keeper of Records, certify that a thorough search for the records you requested was carried out under my direction and control.

This search revealed no records.

It should be understood that this does not mean that the records you requested do not exist. It is possible that such records may be misfiled; exist under another spelling, another name, or under another classification. However, with the information furnished to our office, and to the best of our knowledge, no records were located.

If you have any questions regarding your request, please contact our office at (323) 890-7801.

Sincerely,

Yvonne Curtis, Deputy Health Officer
Public Health Investigation

PP
COR ID No.141214

1481 - NO Records Form
Revised 3/15/13

APPENDIX F
QUALIFICATION OF ENVIRONMENTAL PROFESSIONAL / LIABILITY INSURANCE

Mr. Hyung Kim, PE - Principal Consultant
REA, CEM, CHMM, M.S., LEED-AP

Mr. Kim oversaw the entire aspects of environmental assessment and consulting/engineering operations, playing a pivotal role in client services, representing the company to potential financial & real estate institutes as a technical marketing director, and took charge of in-house QA/QC management in remedial action design, contamination assessment, hazardous material management and real estate due diligence assessment. With strong educational and professional background in hazardous waste management, environmental regulatory compliance and engineering/assessment planning, he plays a pivotal role in the overall operation of client marketing and environmental project management. He oversees and trains most of the in-house technical staff and directs environmental planning, abatement, engineering, assessment, and remediation projects with assistance from R.G, REA, I.H., CAC, P.E. and other environmental certified professionals.

Environmental Site Assessment Phase I / Transaction Screen Due Diligence
He has managed nearly 8,000 ESA projects performed nationwide since 1999, with full responsibility as the Chief Signatory Assessor over QA/QC on subcontractors, in-house staff assessors, engineers and consultants. Projects include mainly industrial and commercial properties, facility compliance audit, NPDES permitting, Clean Air Act and Clean Water Act, RCRA and CERCLA regulatory compliance assessments, Fannie Mae & HUD project due diligence, and many more high-caliber commercial portfolio assessment.

Phase II Subsurface Investigation & Pollution Characterization
Co-managed over 150 subsurface investigation in CA, NJ, NY, TX, WA, MD, CO, AZ, with PE, RG and RHG, involving various types of drilling such as geo-probe / direct-push, hollow-stem (limited access to high torque) or solid-stem auger, bucket auger, air rotary or percussion hammer, hydro-punch, limited access drilling, hand-auger, soil vapor probing, etc. Extensively trained in hydrogeology by RHG and RG for southern California region, handled groundwater contour estimation, recharge rate monitoring, surveying, monitoring and extraction wells, including water table wells, upper and lower aquifer characterization wells, vertical profile cluster wells, multiport vapor piezometer wells, multipurpose groundwater and vapor piezometer wells, constructed using PVC, stainless steel.

Phase III Environmental Site Remediation & Cleanup
Dodge World, Torrance (2002-2004) – SVE/Carbon Adsorption, Cost $130K
Shin Brother Body, L.A. (1997-2005 projecting) – SVE/Air Sparging, Cost $175K
Mira Loma Gas Station, Mira Loma, (2002) – SVE, Cost $75K
San Pedro Car Wash, San Pedro (2002-2005 projecting) – SVE/Air Sparging/Dual Phase
Dr. J Cleaner, Sherman Oaks (2001-2004) – DPVE (pilot), Cost $220K
Ducammon Facility in Monrovia – Continuing Soil Vapor Extraction Operation & Maintenance
San Gabriel Water Quality Authority, representing Baldwin Park Operable Unit as one of responsible parties for San Gabriel Valley NPL Superfund Program Groundwater Well Investigation
17700 Roscoe, Northridge, CA – Soil Vapor Extraction and Groundwater Monitoring, Operation & Maintenance

Managed and worked with RGs and PEs on mass transfer calculation from pilot testing, vapor radius of influence, assisted C.E. in VES design calculation, calculation of mass removal rate, pore volume exchange time, length of SVE operation, or Soil Vapor Extraction and Dual Phase High Vacuum Extraction remediation projects. He also calculated and work with Registered Hydro-Geologist to conduct remedial action plan, feasibility study, pilot remediation testing study involving evaluation and calculation of transmissivity, storativity, hydraulic conductivity, specific storage, seepage velocity, groundwater capture zone ROI and other hydrologic parameters.

Underground Storage Tank/Clarifier Abandonment & Regulatory Closure
Managed over 50 site abandonment including gas service station, private fueling station, industrial clarifier, from permitting, regulatory compliance, sampling & reporting, degassing/dryicing/certificate, contract management, AQMD Rule 1166 excavation monitoring via PID and FID.

Closed over 50 UST sites in various cities in Kern, Los Angeles, Riverside, San Bernardino and Orange Counties. Managed four sites (Huntington Park, Gardena, City of Industry, Vernon) of UST abandon in place and subsurface investigation projects upon regulatory preapproval due to structural complication with abandonment via removal. Conducted over 10 industrial pretreatment clarifier closure under County of Los Angeles Department of Public Works jurisdiction entailing plan check, permitting, closure, soil sampling and reporting according to CLDPW enforcement regulation.

Asbestos/Lead/IAQ/Mold Assessment & Abatement

1996-2000 managed over 120 public & private abatement projects with CACs, CIH and DHS Inspectors. With hands-on experience from identification of hazardous material thru inspection and survey to actual abatement and disposal management of such wastes including recycling of mercury vapor and PCB ballasts, Mr. Kim has been the key technical and managerial representative in more than 100 public works involving public projects. Prepared IIPP, H&S, Respiratory Protection Plan, QAQC abatement procedures and regulatory compliance. Mold abatement, IAQ inspection with CIH, AQMD permitting of Negative Air Machines, HEPA Vacuum, preparation of abatement work plan, Procedure 5 emergency abatement plan with CAC

Architectural/Engineering Due Diligence

Has managed more than 75 ASTM E2018 Property Condition Assessment projects and Probable Maximum Loss (Seismic Evaluation Assessment) calculations in accordance with ASTM E-2026 Estimation of Building Damageability procedures for mainly institutional investors and conduit lenders. Projects include pre-securitization due diligence for Conduit Portfolio, in accordance with Fannie Mae Guidelines and other institutional investment due diligence guidelines.

Professional Affiliation / Certification

California Professional Civil Engineer - 75083
General Engineering Contractor "A"
Member of AICHE (American Institute of Chemical Engineers)
Member of EAA (Environmental Assessment Association), Certified Environmental Manager #73547
California Registered Environmental Assessor #07252
Institute of Hazardous Material Management, CHMM Master Level #012554
Cal OSHA Hazwoper Training Certificate
Uniform Fire Code Training for CUPA Inspectors
CUPA Hazardous Waste Inspector Training 8 Hours
UST Inspector Training, CUPA, 8 Hours
California Real Estate License
Nevada State Certified Environmental Manager #2057
LEED AP, USGBCI

Education

BS, Chemical Engineering, California State University, Long Beach
MS, Civil/Environmental Engineering, University of Southern California

Princeton Groundwater, Groundwater Pollution and Hydrology, Certificate of Completion, 2004
Professional Civil Engineering Service - Certificate of completion, 2007
Vapor Intrusion and Health Risk Assessment – Professional Training, 2009
Storm-water Pollution Prevention Training – Professional Training, 2009

John P. Winkler, P.G., REA – Senior Geologist
California Professional Geologist
California Registered Environmental Assessor

Mr. Winkler has over 18 years of professional experience in the environmental field. He is experienced in the areas of hazardous materials management, Phase I environmental site assessments, underground storage tank closures, Phase II subsurface site assessments, groundwater monitoring, subsurface site assessments, and remedial action projects. He has been responsible for the coordination, scheduling, field work, and management of site assessments and remediation projects.

Mr. Winkler has worked with a diverse group of clientele, including small government agencies, transportation companies, financial institutions, large oil companies, property management companies, industrial companies, and independent business owners.

Relevant Experience Mr. Winkler maintains extensive experience in hazardous materials management and geology. At various stages in his career, Mr. Winkler has been involved directly in work plan development, permitting, field work, report writing, project management, and site closure requests and negotiations with regulatory agencies. This experience has given Mr. Winkler effective skills and knowledge in many aspects of the environmental profession. His experience is summarized as follows:

Hazardous Materials Management
Prepared emergency response plans for transportation and industrial facilities.
Scheduled and coordinated hazardous materials handling, storage, and recycling for numerous types of facilities. Developed hazardous waste management plans.
Completed certification training in hazardous materials management for storage, transportation and disposal practices, emergency response, and fire control.

Phase I Environmental Assessments
Conducted Phase I assessments for numerous industrial sites including former and existing dry cleaners, machine shops, automotive repair shops, gasoline stations, and large industrial facilities in California, Nevada, Arizona, Washington, and Oregon. Has reviewed and provided opinions to clients on numerous Phase I ESA's conducted in other states.

Phase II Subsurface Investigations
Involved with numerous sites where soil gas surveys were conducted to evaluate volatile organic compounds in soil at shallow depths. Conducted field work, prepared reports, and prepared recommendations for further assessment if warranted.
Involved with numerous site assessments where drilling, excavation, and trenching were conducted to evaluate contaminants in soil and groundwater. Conducted field work, prepared reports, and prepared recommendations for further assessment or remediation if warranted.
Involved with groundwater monitoring programs at numerous sites where groundwater contamination was being monitored. Conducted well purging and sampling and prepared reports. Conducted aquifer testing under the direction of Hydrogeologists.

Remediation Projects
- Involved with field work, report writing, and project management of in-situ vapor extraction systems of volatile organic compounds in soil. Installed vapor extraction wells; arranged disposal of hazardous materials; and, prepared system monitoring reports.
- Involved with field work, report writing, and project management of free-phase product recovery and groundwater treatment for water treatment systems. Installed groundwater recovery wells; arranged disposal of hazardous materials; and, prepared monitoring reports.
- Involved with field work, report writing, and project management of above ground bioremediation projects with petroleum-contaminated soil. Supervised construction activities; conducted verification sampling; and, prepared closure reports.
- Involved with field pilot testing, report writing, and project management of sites undergoing natural attenuation monitoring. Prepared workplans; supervised monitoring programs; and, prepared reports.

Industry Experience

- Mr. Winkler has extensive experience in assessment and remediation of oil industry facilities including oil well sumps and oil field sumps, tank farms, bulk terminals, marine terminals, and refineries.
- Mr. Winkler has also developed his expertise in assessment and remediation activities in the transportation industry including bus terminals, air fields, aeronautic manufacturing, historic rail yards, and light rail transportation corridors.
- Mr. Winkler brings additional experience in working with developers, city planning departments, and municipal business redevelopment programs to develop assessment and cleanup plans that promote redevelopment and protect human safety and the environment.

Education

B.S. Geology, State University of New York at Cortland, 1983
Certificate in Hazardous Materials Management, University of California at Santa Barbara Extension, 1994

Registrations

California Professional Geologist, No. 7456
California Registered Environmental Assessor, No. 5599

Professional Training

OSHA CFR 1910.10 Hazardous Waste Operations and annual update training, 1989- 2009
California Certified Volunteer Fire Fighter No. 503540, 1998
Hazardous Materials First Responder Operational CCR Sect. 8574.20, 1998
DOT Hazardous Materials Handling, company-sponsored training, April 1994
Los Angeles Refinery Safety Training, 2001, 2003
First Aid and CPR for the Professional Rescuer, 1997
Standard First Aid and CPR 1989, 1992, 2000, 2002, 2003, 2004

Mike Miller – REA
Senior Environmental Assessor

Mr. Miller has over 15 years of environmental consulting and risk assessment experience, and, in the past, has provided diverse loss environmental consulting services to American International Group (AIG), one of the 10 largest companies in the U.S. His other experiences include evaluating environmental liability, general liability, product liability and fleet liability loss exposures. He also oversaw account portfolios comprised of a broad spectrum of manufacturing facilities, HUDMAP, land developers, pharmaceutics firms, property management firms, and contractors. In his career as an environmental consultant, Mr. Miller prepared and reviewed Phase I and Phase II reports, generated recommendations regarding liability risk management and risk reduction, provided mold/water intrusion management consulting services, and developed and implement presentations and training programs.

Education and Professional Credentials

M.S. (Biology) University of Southern California, Los Angeles, CA – 1982 -1985.

B.S. (Biology- *Cum Laude*) State University of New York, Buffalo, NY – 1978 - 1982.

California Secondary Education Teaching Credential, 1987.

Certificate: Environmental Auditing, University of California -Irvine, 1989.

Certificate: Toxic & Hazardous Materials Management, UCLA, 1990.

Certificate: OSHA 40-Hr Hazardous Waste Operations & Emergency Response, 1991.

Certificate: AHERA Asbestos Building Inspector / Management Planner, 1988.

Certificate: AHERA Asbestos Contractor Supervisor, 1995.

Certificate: Indoor Air Quality Manager, American Indoor Air Quality Council, 2002.

Certificate: Microbial Remediation Supervisor, American Indoor Air Quality Council, 2002.

Registered Environmental Assessor, REA No. 02651

Registered Environmental Professional, REP No. 2797

Member: American Indoor Air Quality Council

Mary Osbourne, REA, CEM
Senior Consultant
Ms. Osborne has seventeen years of environmental consulting experience, and five years of government agency experience, within the following discipline areas:

- Phase I Environmental Assessments (United States, Mexico, and Europe), in accordance with applicable ASTM standards for Environmental Site Assessments, applicable client standards, or international standards.
- RCRA and non-RCRA Treatment, Storage, and Disposal Facility (TSDF) auditing.
- Multi-media (hazardous waste, hazardous materials, wastewater, stormwater, etc.) compliance audits and regulatory compliance assessments.

Registrations and Certifications

- California Registered Environmental Assessor (REA), #02466
- OSHA 40-Hour Health and Safety Training
- Asbestos Hazards Emergency Response Act (AHERA) Building Inspector (inactive at present)

Experience

- 2007: Dominion Environmental Consultants, Inc., Phoenix, Arizona.
- 2005-2006: JMK Environmental Solutions, Inc., San Fernando, California; Environmental Manager and Quality Assurance. Responsible for maintaining consistent report quality for 12 junior level staff, proposals, and client management.
- December 2003: Part-time environmental work for OSS (computer recycling company). Tujunga, California, 16 hours per week.
- Sept. 2000 - Nov. 2003: ENVIRON International Corporation, Los Angeles, California.
- Aug. 1989 - Aug. 2000: McLaren Hart, Burbank and Irvine, California.
- Jan. 1984 - Aug. 1989: California Department of Health Services, Toxic Substances Control Division (TSCD).

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 01/28/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER

LEEDS INSURANCE SERVICES, Inc.
18032 Lemon Drive, Suite C428
Yorba Linda, CA 92886

CONTACT NAME: Juan Martinez
PHONE (A/C, No, Ext): (714)978-2000
FAX (A/C, No): (714)978-2075
E-MAIL ADDRESS: jcleeds@concentric.net

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Westchester Surplus Lines Insurance Company	10172
INSURER B :	
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED

ENCON SOLUTIONS, Inc.
3255 Wilshire Blvd., #1508
Los Angeles, CA 90010

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	**GENERAL LIABILITY** X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR X Professional & Pollution Liab GEN'L AGGREGATE LIMIT APPLIES PER: POLICY PRO-JECT LOC			EGL000327	01/30/2014	01/30/2015	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 2,000,000 $ 50,000 $ 5,000 $ 2,000,000 $ 4,000,000 $ 2,000,000
	AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS						COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ $ $ $
	UMBRELLA LIAB OCCUR **EXCESS LIAB** CLAIMS-MADE DED RETENTION $						EACH OCCURRENCE AGGREGATE	$ $
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICE/MEMBER EXCLUDED? N / A **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below						WC STATU-TORY LIMITS OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ $ $

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Certificate holder as additional insured.

CERTIFICATE HOLDER

Wilshire Bank
3200 Wilshire Blvd., 14th Fl
Los Angeles, CA 90010

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Juan Martinez

© 1988-2010 ACORD CORPORATION. All rights reserved.

Clear All

Appendix D
Noise Calculations

ESA

Project: 14622 Dalewood

Construction Noise Impact on Sensitive Receptors

Parameters

Construction Hours:	8	Daytime hours (7 am to 7 pm)
	0	Evening hours (7 pm to 10 pm)
	0	Nighttime hours (10 pm to 7 am)
Leq to L10 factor	3	

				R1				
Construction Phase **Equipment Type**	**No. of Equip.**	**Reference Noise Level at 50ft, Lmax**	**Acoustical Usage Factor**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**
Demolition						***93***		
Tractor/Loader/Backhoe	1	82	40%	5	97	93	96	5
Concrete Saw	1	90	20%	105	79	72	75	5
Dozer	1	80	25%	205	63	57	60	5
Site Preparation						***90***		
Compactor (ground)	1	78	50%	5	93	90	93	5
Cement and Mortar Mixers	1	79	40%	105	68	64	67	5
Concrete Saw	1	90	20%	205	73	66	69	5
Other Equipment	1	85	50%	205	68	65	68	5
Air Compressor	2	83	20%	205	69	62	65	5
Grading/Excavation						***89***		
Tractor/Loader/Backhoe	1	80	25%	5	95	89	92	5
Other Equipment	1	85	50%	105	74	71	74	5
Compactor (ground)	1	83	20%	205	66	59	62	5
Air Compressor	2	78	50%	205	64	61	64	5
Drainage/Utilities						***92***		
Cranes	1	81	40%	5	96	92	95	5
Compactor (ground)	1	83	20%	105	72	65	68	5
Tractor/Loader/Backhoe	1	80	25%	205	63	57	60	5
Foundation						***91***		
Compactor (ground)	1	83	20%	5	98	91	94	5
Cement and Mortar Mixers	1	79	40%	105	68	64	67	5
Concrete Saw	1	90	20%	205	73	66	69	5
Air Compressor	3	78	50%	205	66	63	66	5
Other Equipment	1	85	50%	205	68	65	68	5
Forklift	1	83	20%	205	66	59	62	5
Tractor/Loader/Backhoe	1	80	25%	205	63	57	60	5
Building Construction						***92***		
Cranes	1	81	40%	5	96	92	95	5
Cement and Mortar Mixers	1	79	40%	105	68	64	67	5
Concrete Saw	1	90	20%	205	73	66	69	5
Air Compressor	7	78	50%	205	69	66	69	5
Forklift	1	75	10%	205	58	48	51	5
Compactor (ground)	1	83	20%	205	66	59	62	5
Paving						***93***		
Pumps	1	81	50%	5	96	93	96	5
Compactor (ground)	1	83	20%	105	72	65	68	5
Other Equipment	1	85	50%	205	68	65	68	5
Surfacing Equipment	1	85	50%	205	68	65	68	5
Tractor/Loader/Backhoe	1	80	25%	205	63	57	60	5
Architectural Coating						***90***		
Air Compressor	1	78	50%	5	93	90	93	5
Finishes						***95***		
Air Compressor	3	78	50%	5	98	95	98	5
Maximum Noise Level (Overlapping Phases)						***95***		

Project: 14622 Dalewood

Construction Noise Impact on Sensitive Receptors

Parameters

Construction Hours:	8	Daytime hours (7 am to 7 pm)
	0	Evening hours (7 pm to 10 pm)
	0	Nighttime hours (10 pm to 7 am)
Leq to L10 factor	3	

				R2				
Construction Phase **Equipment Type**	**No. of Equip.**	**Reference Noise Level at 50ft, Lmax**	**Acoustical Usage Factor**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**
Demolition						***93***		
Tractor/Loader/Backhoe	1	82	40%	5	97	93	96	5
Concrete Saw	1	90	20%	105	79	72	75	5
Dozer	1	80	25%	205	63	57	60	5
Site Preparation						***90***		
Compactor (ground)	1	78	50%	5	93	90	93	5
Cement and Mortar Mixers	1	79	40%	105	68	64	67	5
Concrete Saw	1	90	20%	205	73	66	69	5
Other Equipment	1	85	50%	205	68	65	68	5
Air Compressor	2	83	20%	205	69	62	65	5
Grading/Excavation						***89***		
Tractor/Loader/Backhoe	1	80	25%	5	95	89	92	5
Other Equipment	1	85	50%	105	74	71	74	5
Compactor (ground)	1	83	20%	205	66	59	62	5
Air Compressor	2	78	50%	205	64	61	64	5
Drainage/Utilities						***92***		
Cranes	1	81	40%	5	96	92	95	5
Compactor (ground)	1	83	20%	105	72	65	68	5
Tractor/Loader/Backhoe	1	80	25%	205	63	57	60	5
Foundation						***91***		
Compactor (ground)	1	83	20%	5	98	91	94	5
Cement and Mortar Mixers	1	79	40%	105	68	64	67	5
Concrete Saw	1	90	20%	205	73	66	69	5
Air Compressor	3	78	50%	205	66	63	66	5
Other Equipment	1	85	50%	205	68	65	68	5
Forklift	1	83	20%	205	66	59	62	5
Tractor/Loader/Backhoe	1	80	25%	205	63	57	60	5
Building Construction						***92***		
Cranes	1	81	40%	5	96	92	95	5
Cement and Mortar Mixers	1	79	40%	105	68	64	67	5
Concrete Saw	1	90	20%	205	73	66	69	5
Air Compressor	7	78	50%	205	69	66	69	5
Forklift	1	75	10%	205	58	48	51	5
Compactor (ground)	1	83	20%	205	66	59	62	5
Paving						***93***		
Pumps	1	81	50%	5	96	93	96	5
Compactor (ground)	1	83	20%	105	72	65	68	5
Other Equipment	1	85	50%	205	68	65	68	5
Surfacing Equipment	1	85	50%	205	68	65	68	5
Tractor/Loader/Backhoe	1	80	25%	205	63	57	60	5
Architectural Coating						***90***		
Air Compressor	1	78	50%	5	93	90	93	5
Finishes						***95***		
Air Compressor	3	78	50%	5	98	95	98	5
Maximum Noise Level (Overlapping Phases)						***95***		

Project: 14622 Dalewood

Construction Noise Impact on Sensitive Receptors

Parameters

Construction Hours:	8	Daytime hours (7 am to 7 pm)
	0	Evening hours (7 pm to 10 pm)
	0	Nighttime hours (10 pm to 7 am)
Leq to L10 factor	3	

				R3				
Construction Phase **Equipment Type**	**No. of Equip.**	**Reference Noise Level at 50ft, Lmax**	**Acoustical Usage Factor**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**
Demolition						***61***		
Tractor/Loader/Backhoe	1	82	40%	180	61	57	60	10
Concrete Saw	1	90	20%	250	66	59	62	10
Dozer	1	80	25%	300	54	48	51	10
Site Preparation						***62***		
Compactor (ground)	1	78	50%	180	57	54	57	10
Cement and Mortar Mixers	1	79	40%	250	55	51	54	10
Concrete Saw	1	90	20%	300	64	57	60	10
Other Equipment	1	85	50%	300	59	56	59	10
Air Compressor	2	83	20%	300	60	53	56	10
Grading/Excavation						***60***		
Tractor/Loader/Backhoe	1	80	25%	180	59	53	56	10
Other Equipment	1	85	50%	250	61	58	61	10
Compactor (ground)	1	83	20%	300	57	50	53	10
Air Compressor	2	78	50%	300	55	52	55	10
Drainage/Utilities						***58***		
Cranes	1	81	40%	180	60	56	59	10
Compactor (ground)	1	83	20%	250	59	52	55	10
Tractor/Loader/Backhoe	1	80	25%	300	54	48	51	10
Foundation						***63***		
Compactor (ground)	1	83	20%	180	62	55	58	10
Cement and Mortar Mixers	1	79	40%	250	55	51	54	10
Concrete Saw	1	90	20%	300	64	57	60	10
Air Compressor	3	78	50%	300	57	54	57	10
Other Equipment	1	85	50%	300	59	56	59	10
Forklift	1	83	20%	300	57	50	53	10
Tractor/Loader/Backhoe	1	80	25%	300	54	48	51	10
Building Construction						***63***		
Cranes	1	81	40%	180	60	56	59	10
Cement and Mortar Mixers	1	79	40%	250	55	51	54	10
Concrete Saw	1	90	20%	300	64	57	60	10
Air Compressor	7	78	50%	300	61	58	61	10
Forklift	1	75	10%	300	49	39	42	10
Compactor (ground)	1	83	20%	300	57	50	53	10
Paving						***62***		
Pumps	1	81	50%	180	60	57	60	10
Compactor (ground)	1	83	20%	250	59	52	55	10
Other Equipment	1	85	50%	300	59	56	59	10
Surfacing Equipment	1	85	50%	300	59	56	59	10
Tractor/Loader/Backhoe	1	80	25%	300	54	48	51	10
Architectural Coating						***54***		
Air Compressor	1	78	50%	180	57	54	57	10
Finishes						***59***		
Air Compressor	3	78	50%	180	62	59	62	10
Maximum Noise Level (Overlapping Phases)						***66***		

Project: 14622 Dalewood

Construction Noise Impact on Sensitive Receptors

Parameters

Construction Hours:	8	Daytime hours (7 am to 7 pm)
	0	Evening hours (7 pm to 10 pm)
	0	Nighttime hours (10 pm to 7 am)
Leq to L10 factor	3	

				R4				
Construction Phase **Equipment Type**	**No. of Equip.**	**Reference Noise Level at 50ft, Lmax**	**Acoustical Usage Factor**	**Distance (ft)**	**Lmax**	**Leq**	**L10**	**Estimated Noise Shielding, dBA**
Demolition						***60***		
Tractor/Loader/Backhoe	1	82	40%	300	58	54	57	8
Concrete Saw	1	90	20%	370	65	58	61	8
Dozer	1	80	25%	420	54	47	50	8
Site Preparation						***61***		
Compactor (ground)	1	78	50%	300	54	51	54	8
Cement and Mortar Mixers	1	79	40%	370	54	50	53	8
Concrete Saw	1	90	20%	420	64	57	60	8
Other Equipment	1	85	50%	420	59	56	59	8
Air Compressor	2	83	20%	420	60	53	56	8
Grading/Excavation						***59***		
Tractor/Loader/Backhoe	1	80	25%	300	56	50	53	8
Other Equipment	1	85	50%	370	60	57	60	8
Compactor (ground)	1	83	20%	420	57	50	53	8
Air Compressor	2	78	50%	420	55	52	55	8
Drainage/Utilities						***56***		
Cranes	1	81	40%	300	57	53	56	8
Compactor (ground)	1	83	20%	370	58	51	54	8
Tractor/Loader/Backhoe	1	80	25%	420	54	47	50	8
Foundation						***62***		
Compactor (ground)	1	83	20%	300	59	52	55	8
Cement and Mortar Mixers	1	79	40%	370	54	50	53	8
Concrete Saw	1	90	20%	420	64	57	60	8
Air Compressor	3	78	50%	420	56	53	56	8
Other Equipment	1	85	50%	420	59	56	59	8
Forklift	1	83	20%	420	57	50	53	8
Tractor/Loader/Backhoe	1	80	25%	420	54	47	50	8
Building Construction						***61***		
Cranes	1	81	40%	300	57	53	56	8
Cement and Mortar Mixers	1	79	40%	370	54	50	53	8
Concrete Saw	1	90	20%	420	64	57	60	8
Air Compressor	7	78	50%	420	60	57	60	8
Forklift	1	75	10%	420	49	39	42	8
Compactor (ground)	1	83	20%	420	57	50	53	8
Paving						***61***		
Pumps	1	81	50%	300	57	54	57	8
Compactor (ground)	1	83	20%	370	58	51	54	8
Other Equipment	1	85	50%	420	59	56	59	8
Surfacing Equipment	1	85	50%	420	59	56	59	8
Tractor/Loader/Backhoe	1	80	25%	420	54	47	50	8
Architectural Coating						***51***		
Air Compressor	1	78	50%	300	54	51	54	8
Finishes						***56***		
Air Compressor	3	78	50%	300	59	56	59	8
Maximum Noise Level (Overlapping Phases)						***64***		

TRAFFIC NOISE ANALYSIS TOOL

Project Name: 14622 Dalewood Street
Project Number: D170081.00
Analysis Scenario: Haul Truck Noise
Source of Traffic Volumes: CalEEMod

Roadway Segment	Ground Type	Distance from Roadway to Receiver (feet)	Speed (mph)			Peak Hour Volume			Peak Hour Noise Level (Leq(h) dBA)	CNEL Noise Level (dBA)
			Auto	MT	HT	Auto	MT	HT		
Haul Trucks/Worker Vehicles	Hard	30	35	35	35	1	0	2	51.5	52.5

Model Notes:
The calculation is based on the methodology described in FHWA Traffic Noise Model Technical Manual (1998).
The peak hour noise level at 50 feet was validated with the results from FHWA Traffic Noise Model Version 2.5.
Accuracy of the calculation is within±0.1 dB when comparing to TNM results.
Noise propagation greater than 50 feet is based on the following assumptions:
For hard ground, the propagation rate is 3 dB per doubling the distance.
For soft ground, the propagation rate is 4.5 dB per doubling the distance.
Vehicles are assumed to be on a long straight roadway with cruise speed.
Roadway grade is less than 1.5%.
CNEL levels were obtained based on Figure 2-19, on page 2-58 Caltran's TeNS 2013.

Parking Related Noise Analysis

Project Name: 14622 Dalewood
Project Number: D170081.00

AM or PM Peak Hour Trips	100	trips
Leq	46	dBA

$$Leq(h) = SELref + 10\log(NA/1000) - 35.6$$

Where: Leq(h) = hourly Leq noise level at 50 feet
SELref (92 dBA SEL) = reference noise level for stationary noise source represented in sound exposure level (SEL) at 50 feet
NA = number of automobiles per hour

TRAFFIC NOISE ANALYSIS TOOL

Project Name: 14622 Dalewood Street
Project Number: D170081.00
Analysis Scenario: Existing
Source of Traffic Volumes: Kunzman Associates, 2017

Roadway Segment	Ground Type	Distance from Roadway to Receiver (feet)	Speed (mph)			Peak Hour Volume			Peak Hour Noise Level (Leq(h) dBA)	CNEL Noise Level (dBA)
			Auto	MT	HT	Auto	MT	HT		
Francisquito Ave & Puente Ave	Hard	30	35	35	35	3136	65	32	72.2	73.2
Dalewood St & Puente Ave	Hard	30	35	35	35	2341	48	24	70.9	71.9
Garden View Ln & Dalewood St	Hard	30	30	30	30	1245	26	13	66.6	67.6
I-10 EB Ramps & Dalewood St	Hard	30	35	35	35	1524	31	16	69.0	70.0
Merced Ave & Big Dalton Ave	Hard	30	35	35	35	1614	33	17	69.3	70.3
Merced Ave & Puente Ave	Hard	30	35	35	35	2471	51	25	71.1	72.1
Merced Ave & I-10 WB Ramps	Hard	30	35	35	35	1408	29	15	68.7	69.7
Merced Ave & Dalewood St	Hard	30	35	35	35	924	19	10	66.9	67.9

Model Notes:
The calculation is based on the methodology described in FHWA Traffic Noise Model Technical Manual (1998).
The peak hour noise level at 50 feet was validated with the results from FHWA Traffic Noise Model Version 2.5.
Accuracy of the calculation is within±0.1 dB when comparing to TNM results.
Noise propagation greater than 50 feet is based on the following assumptions:
For hard ground, the propagation rate is 3 dB per doubling the distance.
For soft ground, the propagation rate is 4.5 dB per doubling the distance.
Vehicles are assumed to be on a long straight roadway with cruise speed.
Roadway grade is less than 1.5%.
CNEL levels were obtained based on Figure 2-19, on page 2-58 Caltran's TeNS 2013.

TRAFFIC NOISE ANALYSIS TOOL

Project Name: 14622 Dalewood Street
Project Number: D170081.00
Analysis Scenario: Existing with Project
Source of Traffic Volumes: Kunzman Associates, 2017

Roadway Segment	Ground Type	Distance from Roadway to Receiver (feet)	Speed (mph)			Peak Hour Volume			Peak Hour Noise Level (Leq(h) dBA)	CNEL Noise Level (dBA)
			Auto	MT	HT	Auto	MT	HT		
Francisquito Ave & Puente Ave	Hard	30	35	35	35	3155	65	33	72.2	73.2
Dalewood St & Puente Ave	Hard	30	35	35	35	2396	49	25	71.0	72.0
Garden View Ln & Dalewood St	Hard	30	30	30	30	1300	27	13	66.8	67.8
I-10 EB Ramps & Dalewood St	Hard	30	35	35	35	1598	33	16	69.2	70.2
Merced Ave & Big Dalton Ave	Hard	30	35	35	35	1619	33	17	69.3	70.3
Merced Ave & Puente Ave	Hard	30	35	35	35	2502	52	26	71.2	72.2
Merced Ave & I-10 WB Ramps	Hard	30	35	35	35	1425	29	15	68.7	69.7
Merced Ave & Dalewood St	Hard	30	35	35	35	943	19	10	67.0	68.0

Model Notes:
The calculation is based on the methodology described in FHWA Traffic Noise Model Technical Manual (1998).
The peak hour noise level at 50 feet was validated with the results from FHWA Traffic Noise Model Version 2.5.
Accuracy of the calculation is within±0.1 dB when comparing to TNM results.
Noise propagation greater than 50 feet is based on the following assumptions:
For hard ground, the propagation rate is 3 dB per doubling the distance.
For soft ground, the propagation rate is 4.5 dB per doubling the distance.
Vehicles are assumed to be on a long straight roadway with cruise speed.
Roadway grade is less than 1.5%.
CNEL levels were obtained based on Figure 2-19, on page 2-58 Caltran's TeNS 2013.

TRAFFIC NOISE ANALYSIS TOOL

Project Name: 14622 Dalewood Street
Project Number: D170081.00
Analysis Scenario: Future
Source of Traffic Volumes: Kunzman Associates, 2017

Roadway Segment	Ground Type	Distance from Roadway to Receiver (feet)	Speed (mph)			Peak Hour Volume			Peak Hour Noise Level (Leq(h) dBA)	CNEL Noise Level (dBA)
			Auto	MT	HT	Auto	MT	HT		
Francisquito Ave & Puente Ave	Hard	30	35	35	35	3284	68	34	72.4	73.4
Dalewood St & Puente Ave	Hard	30	35	35	35	2410	50	25	71.0	72.0
Garden View Ln & Dalewood St	Hard	30	30	30	30	1273	26	13	66.7	67.7
I-10 EB Ramps & Dalewood St	Hard	30	35	35	35	1559	32	16	69.1	70.1
Merced Ave & Big Dalton Ave	Hard	30	35	35	35	1665	34	17	69.4	70.4
Merced Ave & Puente Ave	Hard	30	35	35	35	2552	53	26	71.3	72.3
Merced Ave & I-10 WB Ramps	Hard	30	35	35	35	1439	30	15	68.8	69.8
Merced Ave & Dalewood St	Hard	30	35	35	35	945	19	10	67.0	68.0

Model Notes:
The calculation is based on the methodology described in FHWA Traffic Noise Model Technical Manual (1998).
The peak hour noise level at 50 feet was validated with the results from FHWA Traffic Noise Model Version 2.5.
Accuracy of the calculation is within±0.1 dB when comparing to TNM results.
Noise propagation greater than 50 feet is based on the following assumptions:
For hard ground, the propagation rate is 3 dB per doubling the distance.
For soft ground, the propagation rate is 4.5 dB per doubling the distance.
Vehicles are assumed to be on a long straight roadway with cruise speed.
Roadway grade is less than 1.5%.
CNEL levels were obtained based on Figure 2-19, on page 2-58 Caltran's TeNS 2013.

TRAFFIC NOISE ANALYSIS TOOL

Project Name: 14622 Dalewood Street
Project Number: D170081.00
Analysis Scenario: Future with Project
Source of Traffic Volumes: Kunzman Associates, 2017

Roadway Segment	Ground Type	Distance from Roadway to Receiver (feet)	Speed (mph)			Peak Hour Volume			Peak Hour Noise Level (Leq(h) dBA)	CNEL Noise Level (dBA)
			Auto	MT	HT	Auto	MT	HT		
Francisquito Ave & Puente Ave	Hard	30	35	35	35	3303	68	34	72.4	73.4
Dalewood St & Puente Ave	Hard	30	35	35	35	2466	51	25	71.1	72.1
Garden View Ln & Dalewood St	Hard	30	30	30	30	1328	27	14	66.9	67.9
I-10 EB Ramps & Dalewood St	Hard	30	35	35	35	1633	34	17	69.3	70.3
Merced Ave & Big Dalton Ave	Hard	30	35	35	35	1669	34	17	69.4	70.4
Merced Ave & Puente Ave	Hard	30	35	35	35	2583	53	27	71.3	72.3
Merced Ave & I-10 WB Ramps	Hard	30	35	35	35	1457	30	15	68.8	69.8
Merced Ave & Dalewood St	Hard	30	35	35	35	963	20	10	67.0	68.0

Model Notes:
The calculation is based on the methodology described in FHWA Traffic Noise Model Technical Manual (1998).
The peak hour noise level at 50 feet was validated with the results from FHWA Traffic Noise Model Version 2.5.
Accuracy of the calculation is within±0.1 dB when comparing to TNM results.
Noise propagation greater than 50 feet is based on the following assumptions:
For hard ground, the propagation rate is 3 dB per doubling the distance.
For soft ground, the propagation rate is 4.5 dB per doubling the distance.
Vehicles are assumed to be on a long straight roadway with cruise speed.
Roadway grade is less than 1.5%.
CNEL levels were obtained based on Figure 2-19, on page 2-58 Caltran's TeNS 2013.

Vibration Calculations

R3 Receptor				
Equipment	Large Bulldozer/Caisson Drilling	Loaded Trucks	Jackhammer	Small Dozer
Reference Vibration Levels	0.089	0.076	0.035	0.003
Reference Distance	25	25	25	25
Distance to Sensitive Receptor	15	15	15	15
	1.666666667	1.666666667	1.666666667	1.666666667
	2.152	2.152	2.152	2.152
Vibration Levels at Sensitive Receptor	0.1915	0.16353	0.07531	0.00645

Summary

File Name on Meter	R1
File Name on PC	SLM_0005055_LxT_Data_032.01.ldbin
Serial Number	0005055
Model	SoundTrack LxT®
Firmware Version	2.301
User	
Location	
Job Description	
Note	

Measurement

Description	
Start	2017-10-05 09:54:48
Stop	2017-10-05 10:09:48
Duration	00:15:00.0
Run Time	00:15:00.0
Pause	00:00:00.0
Pre Calibration	2017-10-05 09:17:58
Post Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamp	PRMLxT1
Microphone Correction	Off
Integration Method	Exponential
Overload	144.9 dB

	A	**C**	**Z**
Under Range Peak	**101.1**	98.1	103.1 dB
Under Range Limit	**37.6**	35.6	43.6 dB
Noise Floor	24.7	25.3	32.7 dB

Results

LA_{eq}	54.0 dB	
LASE	83.5 dB	
EAS	24.982 µPa²h	
EAS8	799.423 µPa²h	
EAS40	3.997 mPa²h	
$LA_{peak\ (max)}$	2017-10-05 10:04:56	83.7 dB
LAS_{max}	2017-10-05 10:04:59	61.3 dB
LAS_{min}	2017-10-05 10:08:50	49.8 dB
SEA	-99.9 dB	
LAS > 85.0 dB (Exceedance Counts / Duration)	0	0.0 s
LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0 s
LA_{peak} > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s
LA_{peak} > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s
LA_{peak} > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s
LC_{eq}	73.0 dB	
LA_{eq}	54.0 dB	
LC_{eq} - LA_{eq}	19.0 dB	
LAI_{eq}	55.2 dB	
LA_{eq}	54.0 dB	
LAI_{eq} - LA_{eq}	1.3 dB	

Summary

File Name on Meter	R2
File Name on PC	SLM_0005055_LxT_Data_034.01.ldbin
Serial Number	0005055
Model	SoundTrack LxT®
Firmware Version	2.301
User	
Location	
Job Description	
Note	

Measurement

Description	
Start	2017-10-05 10:34:29
Stop	2017-10-05 10:49:29
Duration	00:15:00.0
Run Time	00:15:00.0
Pause	00:00:00.0
Pre Calibration	2017-10-05 09:17:58
Post Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting		
Peak Weight	A Weighting		
Detector	Slow		
Preamp	PRMLxT1		
Microphone Correction	Off		
Integration Method	Exponential		
Overload	144.9 dB		
	A	**C**	**Z**
Under Range Peak	**101.1**	98.1	103.1 dB
Under Range Limit	**37.6**	35.6	43.6 dB
Noise Floor	24.7	25.3	32.7 dB

Results

LA_{eq}	52.3 dB	
LASE	81.9 dB	
EAS	17.118 µPa²h	
EAS8	547.779 µPa²h	
EAS40	2.739 mPa²h	
$LA_{Speak\ (max)}$	2017-10-05 10:42:59	84.1 dB
LAS_{max}	2017-10-05 10:34:43	62.4 dB
LAS_{min}	2017-10-05 10:42:36	50.1 dB
SEA	-99.9 dB	
LAS > 85.0 dB (Exceedance Counts / Duration)	0	0.0 s
LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0 s
LA_{Speak} > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s
LA_{Speak} > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s
LA_{Speak} > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s
LC_{eq}	74.5 dB	
LA_{eq}	52.3 dB	
LC_{eq} - LA_{eq}	22.2 dB	
LAI_{eq}	53.8 dB	
LA_{eq}	52.3 dB	
LAI_{eq} - LA_{eq}	1.5 dB	

Summary

File Name on Meter	R3
File Name on PC	SLM_0005055_LxT_Data_031.01.ldbin
Serial Number	0005055
Model	SoundTrack LxT®
Firmware Version	2.301
User	
Location	
Job Description	
Note	

Measurement

Description	
Start	2017-10-05 09:34:51
Stop	2017-10-05 09:49:51
Duration	00:15:00.0
Run Time	00:15:00.0
Pause	00:00:00.0
Pre Calibration	2017-10-05 09:17:58
Post Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting
Peak Weight	A Weighting
Detector	Slow
Preamp	PRMLxT1
Microphone Correction	Off
Integration Method	Exponential
Overload	144.9 dB

	A	C	Z
Under Range Peak	**101.1**	98.1	103.1 dB
Under Range Limit	**37.6**	35.6	43.6 dB
Noise Floor	24.7	25.3	32.7 dB

Results

L_{ASeq}	55.9 dB	
LASE	85.4 dB	
EAS	38.911 µPa²h	
EAS8	1.245 mPa²h	
EAS40	6.226 mPa²h	
$L_{ASpeak\ (max)}$	2017-10-05 09:35:18	98.3 dB
L_{ASmax}	2017-10-05 09:35:18	71.4 dB
L_{ASmin}	2017-10-05 09:47:40	50.7 dB
SEA	-99.9 dB	
LAS > 85.0 dB (Exceedance Counts / Duration)	0	0.0 s
LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0 s
L_{ASpeak} > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s
L_{ASpeak} > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s
L_{ASpeak} > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s
L_{CSeq}	70.6 dB	
L_{ASeq}	55.9 dB	
L_{CSeq} - L_{ASeq}	14.7 dB	
L_{AIeq}	59.7 dB	
L_{Aeq}	55.9 dB	
L_{AIeq} - L_{Aeq}	3.8 dB	

	A		C		Z	
	dB	**Time Stamp**	**dB**	**Time Stamp**	**dB**	**Time Stamp**
L_{eq}	55.9					
$L_{S(max)}$	71.4	2017/10/05 9:35:18				
$L_{S(min)}$	50.7	2017/10/05 9:47:40				
$L_{Peak(max)}$	98.3	2017/10/05 9:35:18				

Summary

File Name on Meter	R4
File Name on PC	SLM_0005055_LxT_Data_030.01.ldbin
Serial Number	0005055
Model	SoundTrack LxT®
Firmware Version	2.301
User	
Location	
Job Description	
Note	

Measurement

Description	
Start	2017-10-05 09:18:14
Stop	2017-10-05 09:33:14
Duration	00:15:00.0
Run Time	00:15:00.0
Pause	00:00:00.0
Pre Calibration	2017-10-05 09:17:59
Post Calibration	None
Calibration Deviation	---

Overall Settings

RMS Weight	A Weighting		
Peak Weight	A Weighting		
Detector	Slow		
Preamp	PRMLxT1		
Microphone Correction	Off		
Integration Method	Exponential		
Overload	144.9 dB		
	A	**C**	**Z**
Under Range Peak	**101.1**	98.1	103.1 dB
Under Range Limit	**37.6**	35.6	43.6 dB
Noise Floor	24.7	25.3	32.7 dB

Results

LA_{Seq}	61.4 dB	
LASE	90.9 dB	
EAS	137.745 µPa²h	
EAS8	4.408 mPa²h	
EAS40	22.039 mPa²h	
$LA_{Speak\ (max)}$	2017-10-05 09:19:32	89.4 dB
LA_{Smax}	2017-10-05 09:24:36	72.1 dB
LA_{Smin}	2017-10-05 09:25:17	56.1 dB
SEA	-99.9 dB	
LAS > 85.0 dB (Exceedance Counts / Duration)	0	0.0 s
LAS > 115.0 dB (Exceedance Counts / Duration)	0	0.0 s
LA_{Speak} > 135.0 dB (Exceedance Counts / Duration)	0	0.0 s
LA_{Speak} > 137.0 dB (Exceedance Counts / Duration)	0	0.0 s
LA_{Speak} > 140.0 dB (Exceedance Counts / Duration)	0	0.0 s
LC_{Seq}	75.1 dB	
LA_{Seq}	61.4 dB	
LC_{Seq} - LA_{Seq}	13.7 dB	
LA_{Ieq}	62.7 dB	
LA_{eq}	61.4 dB	
LA_{Ieq} - LA_{eq}	1.3 dB	

Appendix E
Traffic Report

ESA

(REVISED)
14622 DALEWOOD STREET PROJECT
TRAFFIC IMPACT ANALYSIS

City of Baldwin Park

August 21, 2020

gandini

Traffic Engineering ● Transportation Planning ● Parking ● Noise & Vibration
Air Quality ● Global Climate Change ● Health Risk Assessment

(REVISED)
14622 DALEWOOD STREET PROJECT
TRAFFIC IMPACT ANALYSIS

City of Baldwin Park

August 21, 2020

prepared by

Giancarlo Ganddini, PE, PTP

GANDDINI GROUP, INC.
550 Parkcenter Drive, Suite 202
Santa Ana, California 92705
714.795.3100 | www.ganddini.com

18-0195

TABLE OF CONTENTS

EXECUTIVE SUMMARY

1. INTRODUCTION 1
Purpose and Objectives 1
Project Description 1
Study Area 1
Analysis Scenarios 2

2. METHODOLOGY 5
Intersection Capacity Utilization Methodology 5
Intersection Delay Methodology 5
Performance Standards 6
Thresholds of Significance 6

3. EXISTING (2020) CONDITIONS 8
Existing Roadway System 8
Existing Pedestrian, Bicycle, and Transit Facilities 8
General Plan Context 9
Existing (2020) Roadway Volumes 9
Existing (2020) Intersection Level of Service 9
Existing (2020) Traffic Signal Warrant Analysis 9

4. PROJECT TRIP FORECASTS 22
Trip Generation 22
Trip Distribution & Assignment 22
Project Design Features 22

5. FUTURE VOLUME FORECASTS 28
Method of Projection 28
Regional Ambient Growth 28
Other Developments 28
Future Traffic Volumes 28
Existing Plus Project Forecast 28
Opening Year (2024) Without Project Forecast 28
Opening Year (2024) With Project 28

6. FUTURE OPERATIONAL ANALYSIS 39
Existing Plus Project 39
Intersection Levels of Service 39
Significant Impact Evaluation 39
Mitigation Measure Improvements 39
Opening Year (2024) Without Project 40
Intersection Levels of Service 40
Opening Year (2024) With Project 40
Intersection Levels of Service 40
Significant Impact Evaluation 40
Mitigation Measures 40

7. CONGESTION MANAGEMENT PROGRAM 46
Congestion Management Program Screening Filter 46
Congestion Management Program Transit Impact Review 46

8. STATE HIGHWAY ANALYSIS 48

Site Access Review 48
Intersection Analysis 48
Off-Ramp Queuing Analysis 48

9. COMPLIANCE WITH LIVING/COMPLETE/GREEN STREETS POLICY 50

Model Design Manual for Living Streets 50
Complete Streets 50
Green Streets 51
Recommendations for Living/Complete/Green Street Compliance 51

10. PARKING ANALYSIS 53

Municipal Code Off-Street Parking Requirements 53

11. CONCLUSIONS 55

Off-Site Mitigation Measures 55
Project Design Features 55
Circulation Recommendations 55

APPENDICES

Appendix A Glossary

Appendix B Intersection Turning Movement Count Worksheets

Appendix C Average Daily Traffic Volumes

Appendix D Intersection Level of Service Worksheets

Appendix E Traffic Signal Warrant Worksheets

LIST OF TABLES

Table 1. Existing (2020) Intersection Levels of Service 11
Table 2. Project Trip Generation 23
Table 3. Other Development Trip Generation 29
Table 4. Existing Plus Project Intersection Levels of Service 41
Table 5. Existing Plus Project Significant Impact Evaluation 42
Table 6. Opening Year (2024) Without Project Intersection Levels of Service 43
Table 7. Opening Year (2024) With Project Intersection Levels of Service 44
Table 8. Opening Year (2024) Significant Impact Evaluation 45
Table 9. Congestion Management Program Transit Trips Analysis 47
Table 10. State Highway Off-Ramp Queueing Analysis 49
Table 11. Municipal Code Off-Street Parking Spaces Required 54

LIST OF FIGURES

Figure 1. Project Location Map 3
Figure 2. Site Plan 4
Figure 3. Existing (2020) Lane Geometry and Intersection Traffic Controls 12
Figure 4. Existing Bicycle & Pedestrian Facilities 13
Figure 5. City of Baldwin Park Transit Route Map 14
Figure 6. Foothill Transit Route Map 15
Figure 7. City of Baldwin Park General Plan Circulation Element 16
Figure 8. City of Baldwin Park General Plan Roadway Cross-Sections 17
Figure 9. City of Baldwin Park Bikeway Plan 18
Figure 10. City of Baldwin Park Truck Route Map 19
Figure 11. Existing (2020) Morning Peak Hour Intersection Turning Movement Volumes 20
Figure 12. Existing (2020) Evening Peak Hour Intersection Turning Movement Volumes 21
Figure 13. Project Trip Distribution (Outbound) 24
Figure 14. Project Trip Distribution (Inbound) 25
Figure 15. Project Morning Peak Hour Intersection Turning Movement Volumes 26
Figure 16. Project Evening Peak Hour Intersection Turning Movement Volumes 27
Figure 17. Other Development Location Map 30
Figure 18. Other Development Morning Peak Hour Intersection Turning Movement Volumes 31
Figure 19. Other Development Evening Peak Hour Intersection Turning Movement Volumes 32
Figure 20. Existing Plus Project Morning Peak Hour Intersection Turning Movement Volumes 33
Figure 21. Existing Plus Project Evening Peak Hour Intersection Turning Movement Volumes 34
Figure 22. Opening Year (2024) Without Project Morning Peak Hour Intersection Turning Movement Volumes 35
Figure 23. Opening Year (2024) Without Project Evening Peak Hour Intersection Turning Movement Volumes 36
Figure 24. Opening Year (2024) With Project Morning Peak Hour Intersection Turning Movement Volumes 37
Figure 25. Opening Year (2024) With Project Evening Peak Hour Intersection Turning Movement Volumes 38
Figure 26. Living/Complete/Green Streets Recommendations 52
Figure 27. Circulation Recommendations 56

EXECUTIVE SUMMARY

The purpose of this traffic impact analysis is to provide an assessment of traffic operations resulting from development of the proposed 14622 Dalewood Street Project and to identify measures necessary to mitigate potentially significant traffic impacts. The traffic issues related to the proposed land use and development have been evaluated in the context of the California Environmental Quality Act (CEQA). The City of Baldwin Park is the lead agency responsible for evaluation of potential environmental impacts associated with the proposed project. This report analyzes traffic impacts for the anticipated project opening year in 2024.

Although this is a technical report, effort has been made to write the report clearly and concisely. A glossary is provided in Appendix A to assist the reader with technical terms related to transportation engineering.

PROJECT DESCRIPTION

The approximately two acre project site is located 14622 Dalewood Street in the City of Baldwin Park. The proposed project consists of developing the currently vacant project site with a six story commercial building. The proposed land uses consist of approximately 50,567 square feet of general office, 8,000 square feet of medical/dental office, and 1,200 square feet of retail uses. The proposed project will remove three existing driveway cuts and provide one new full access driveway aligned with the south leg of the I-10 Freeway Eastbound Ramps at Dalewood Street intersection. The proposed project is anticipated to be constructed and fully operational by Year 2024.

EXISTING (2020) CONDITIONS

The study intersections currently operate within acceptable Levels of Service (D or better) during the peak hours for Existing (2020) conditions, with the exception of the following study intersections that are currently operating at Level of Service E/F (see Table 1):

- Dalewood Street at Puente Avenue - #2 (PM peak hour)
- Merced Avenue at Dalewood Street-Garvey Avenue - #8 (AM/PM peak hour)

Based on the satisfaction of Warrant 3 (Part A) during both the morning and evening peak hours, installation of a traffic signal appears to be currently be warranted at the intersection of Merced Avenue at Dalewood Street-Garvey Avenue.

PROJECT TRIPS

The proposed project is forecast to generate a total of approximately 817 daily trips, including 100 trips during the morning peak hour and 93 trips during the evening peak hour (see Table 2).

PROJECT DESIGN FEATURES

This analysis assumes the following improvements will be constructed by the project to provide project site access:

Project Driveway/I-10 Eastbound Ramps (NS) at Dalewood Street (EW) - #4

- Construct the northbound approach to consist of one shared left/through/right turn lane.
- Restripe the number two southbound left turn lane to a shared through/left turn lane.
- Modify the traffic signal phasing to provide split phasing on northbound/southbound and eastbound/westbound approaches.
- Prohibit right turns on red at northbound and eastbound approaches.

FORECAST CONDITIONS

Existing Plus Project Conditions: The study intersections are projected to operate within acceptable Levels of Service (D or better) during the peak hours for Existing Plus Project conditions without mitigation, with the exception of the following study intersections that are forecast to operate at Levels of Service E/F (see Table 4):

- Dalewood Street at Puente Avenue - #2 (PM peak hour)
- Merced Avenue at Dalewood Street-Garvey Avenue - #8 (AM/PM peak hour)

The proposed project is forecast to result in a significant traffic impact at the following study intersections for Existing Plus Project conditions without mitigation based on the established thresholds of significance (see Table 5):

- Dalewood Street at Puente Avenue - #2
- Merced Avenue at Dalewood Street-Garvey Avenue - #8

The proposed project is forecast to result in no significant traffic impacts at the study intersections for Existing Plus Project traffic conditions with mitigation (see Table 5).

Opening Year (2024) Without Project: The study intersections are projected to operate within acceptable Levels of Service (D or better) during the peak hours for Opening Year (2024) Without Project conditions without mitigation, with the exception of the following study intersections that are forecast to operate at Levels of Service E/F (see Table 6):

- Dalewood Street at Puente Avenue - #2 (PM peak hour)
- Merced Avenue at Dalewood Street-Garvey Avenue - #8 (AM/PM peak hour)

Opening Year (2024) With Project: The study intersections are projected to operate within acceptable Levels of Service (D or better) during the peak hours for Opening Year (2024) With Project conditions without mitigation, with the exception of the following study intersections that are forecast to continue to operate at Levels of Service E/F (see Table 7):

- Dalewood Street at Puente Avenue - #2 (PM peak hour)
- Merced Avenue at Dalewood Street-Garvey Avenue - #8 (AM/PM peak hour)

The proposed project is forecast to result in a significant traffic impact at the following study intersections for Opening Year (2024) With Project traffic conditions without mitigation based on the established thresholds of significance (see Table 8):

- Dalewood Street at Puente Avenue - #2
- Merced Avenue at Dalewood Street-Garvey Avenue - #8

The proposed project is forecast to result in no significant traffic impacts at the study intersections for Opening Year (2024) With Project traffic conditions with mitigation (see Table 8).

OFF-SITE MITIGATION MEASURES

The intersection of Dalewood Street at Puente Avenue operates at an unacceptable LOS under both Existing (2020) conditions and Existing Plus Project conditions. Therefore, the project shall contribute its fair share cost of the following additional improvement to mitigate project impacts to a less than significant level for Existing Plus Project conditions:

- **Dalewood Street (NS) at Puente Avenue (EW) - #2**
  - Restripe the eastbound approach to consist of one left turn lane, two through lanes, and one exclusive right turn lane.

As previously noted, installation of a traffic signal is currently warranted under Existing (2020) conditions at the intersection of Merced Avenue at Dalewood Street-Garvey Avenue based on the satisfaction of Warrant 3 (Part A) during both the morning and evening peak hours. Therefore, the project shall contribute its fair share cost of the following improvement to mitigate the project impact to a less than significant level for Existing Plus Project conditions:

- **Merced Avenue (NS) at Dalewood Street/Garvey Avenue (EW) - #8**
  - Install a traffic signal.

The proposed project is forecast to result in no significant traffic impacts at the study intersections for the scenarios evaluated with mitigation.

RECOMMENDATIONS FOR LIVING/COMPLETE/GREEN STREET COMPLIANCE

Living/Complete/Green Streets recommendations are depicted on Figure 26.
Add curb adjacent landscaping on Dalewood Street within parkway along project site frontage.

Minimize no parking zones on Dalewood Street along the project site frontage. The California Manual on Uniform Traffic Control Devices (2014 Update) requires the no parking zone to be 30 feet upstream and 20 feet down stream of a signalized intersection.

Coordinate with Foothill Transit to provide bus bench and/or shelter at the transit stop located directly adjacent to the project site.

Provide preferential carpool/rideshare parking spaces at the parking spaces closest to the building entrances.

CIRCULATION RECOMMENDATIONS

Site-specific circulation and access recommendations are depicted on Figure 27.

The project shall provide a construction management plan as part of the standard conditions of approval.

Construct Dalewood Street along the project site boundary at its ultimate half-section width, including landscaping and parkway improvements in conjunction with development, or as otherwise approved by the City of Baldwin Public Works Department.

All on-site and site-adjacent improvements, including traffic signing/striping and project driveways, should be constructed as approved by the City of Baldwin Park Public Works Department.

Sight distance at project access points should comply with applicable City of Baldwin Park/California Department of Transportation sight distance standards. The final grading, landscaping, and street improvement plans should demonstrate that sight distance standards are met.

1. INTRODUCTION

This section describes the purpose of this traffic impact analysis, project location, proposed development, and study area. Figure 1 shows the project location map and Figure 2 illustrates the project site plan.

PURPOSE AND OBJECTIVES

The purpose of this traffic impact analysis is to provide an assessment of traffic operations resulting from development of the proposed 14622 Dalewood Street Project and to identify measures necessary to mitigate potentially significant traffic impacts. The traffic issues related to the proposed land use and development have been evaluated in the context of the California Environmental Quality Act (CEQA). The City of Baldwin Park is the lead agency responsible for evaluation of potential environmental impacts associated with the proposed project. This report analyzes traffic impacts for the anticipated project opening year in 2024.

Although this is a technical report, effort has been made to write the report clearly and concisely. A glossary is provided in Appendix A to assist the reader with technical terms related to transportation engineering.

PROJECT DESCRIPTION

The approximately two acre project site is located 14622 Dalewood Street in the City of Baldwin Park. The proposed project consists of developing the currently vacant project site with a six story commercial building. The proposed land uses consist of approximately 50,567 square feet of general office, 8,000 square feet of medical/dental office, and 1,200 square feet of retail uses. The proposed project will remove three existing driveway cuts and provide one new full access driveway aligned with the south leg of the I-10 Freeway Eastbound Ramps at Dalewood Street intersection. The proposed project is anticipated to be constructed and fully operational by Year 2024.

STUDY AREA

Based on scoping discussions with City staff, the study area consists of the following eight (8) study intersections within the City of Baldwin Park, City of West Covina, and California Department of Transportation (Caltrans) jurisdiction:

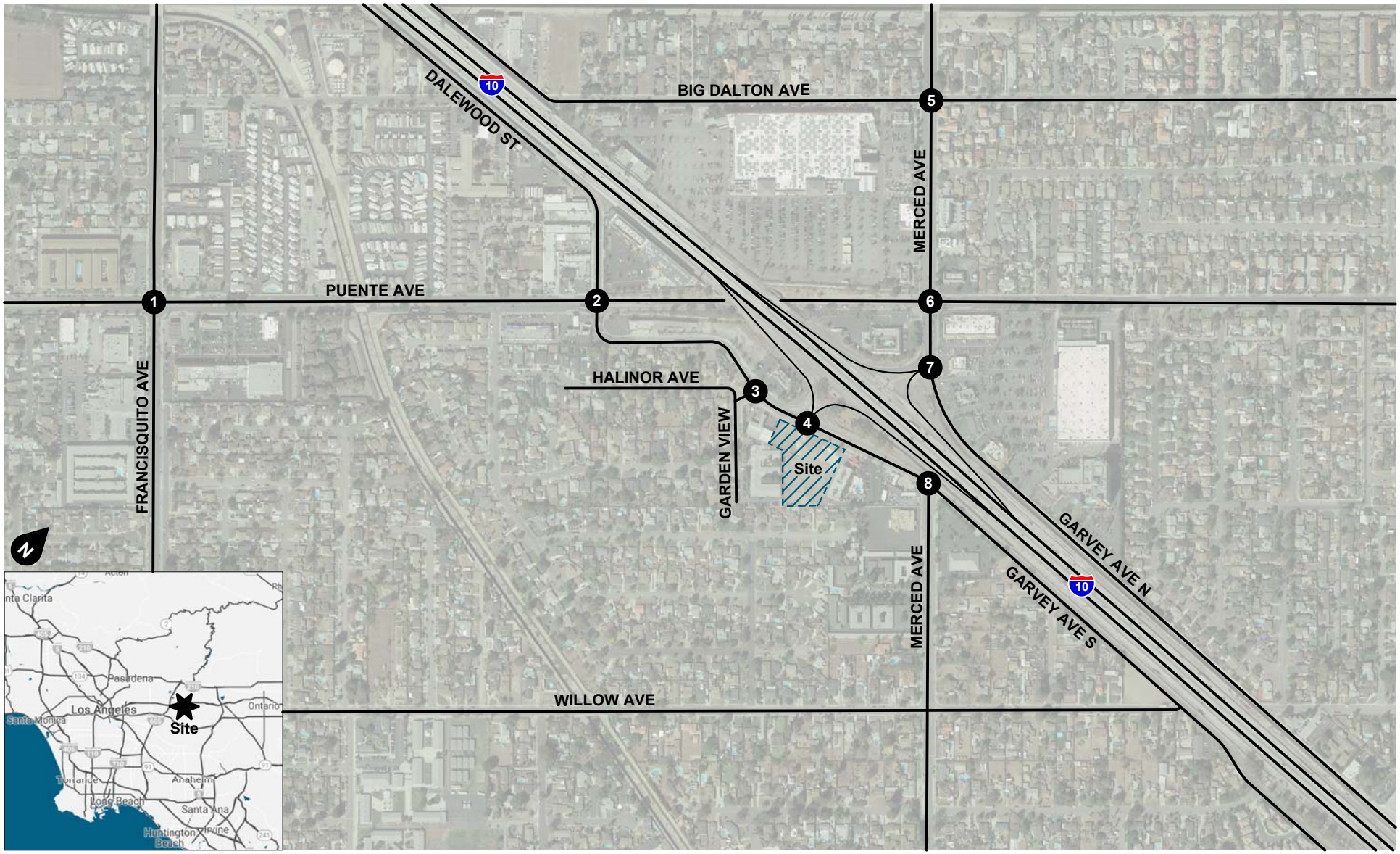
Study Intersections[1]	Jurisdiction
1. Francisquito Avenue (NS) at Puente Avenue (EW)	Baldwin Park
2. Dalewood Street (NS) at Puente Avenue (EW)	Baldwin Park/West Covina
3. Garden View Lane (NS) at Dalewood Street (EW)	Baldwin Park
4. I-10 Eastbound Ramps (NS) at Dalewood Street (EW)	Caltrans
5. Merced Avenue (NS) at Big Dalton Avenue (EW)	Baldwin Park
6. Merced Avenue (NS) at Puente Avenue (EW)	Baldwin Park
7. Merced Avenue (NS) at I-10 Westbound Ramps (EW)	Caltrans
8. Merced Avenue (NS) at Dalewood Street/South Garvey Avenue (EW)	Baldwin Park/West Covina

[1] (NS) = north-south roadway; (EW) = east-west roadway

ANALYSIS SCENARIOS

The following scenarios are analyzed during typical weekday morning and evening peak hour conditions:

- Existing (2020) Conditions
- Existing Plus Project Conditions
- Opening Year (2024) Without Project Conditions
- Opening Year (2024) With Project Conditions



Legend

(#) Study Intersection

Figure 1
Project Location Map

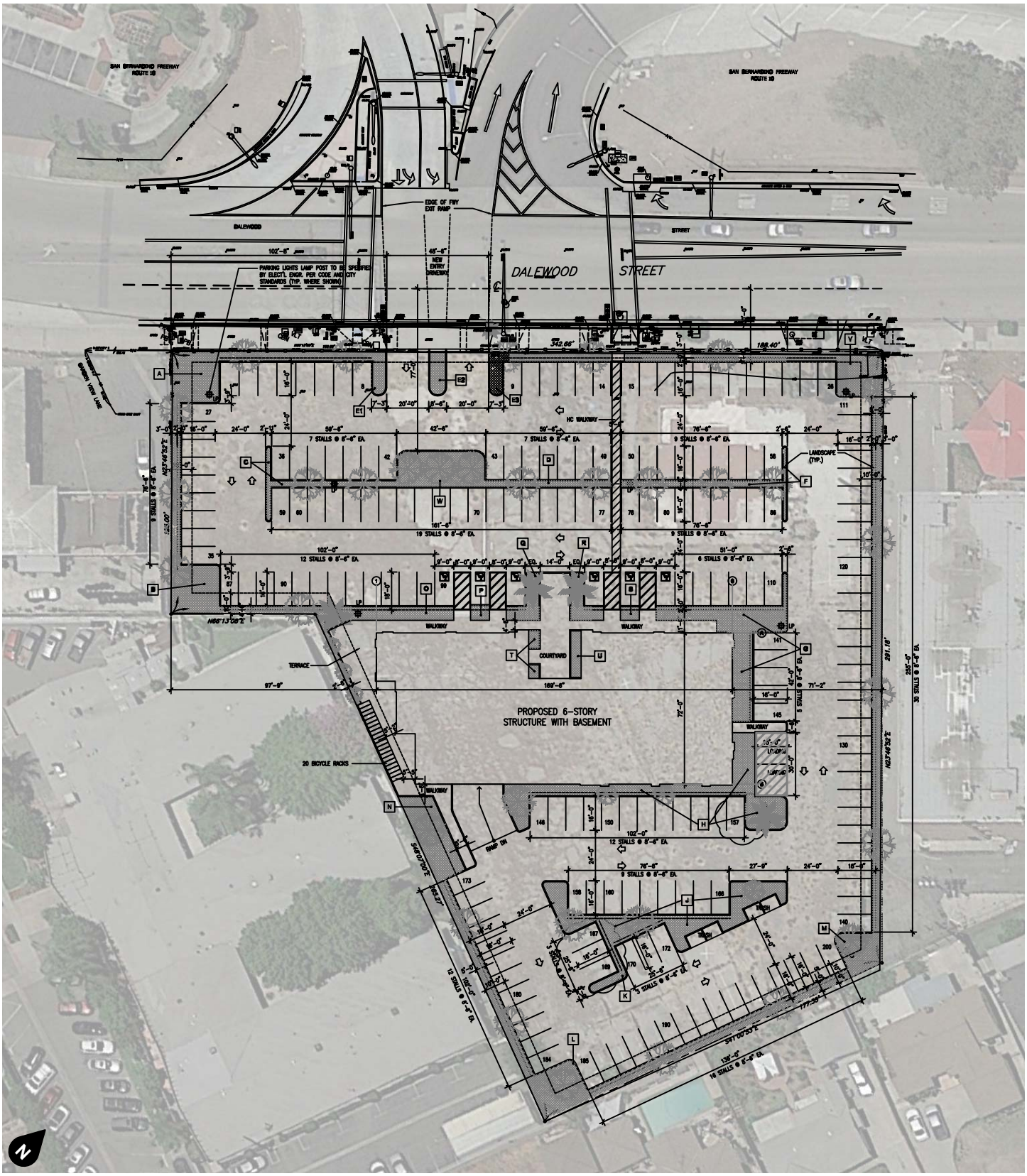


Figure 2
Site Plan

2. METHODOLOGY

This section describes the analysis methodologies used to assess transportation facility performance as adopted by the respective jurisdictional agencies.

INTERSECTION CAPACITY UTILIZATION METHODOLOGY

Analysis of signalized intersections within the Cities of Baldwin Park and West Covina is based on the Intersection Capacity Utilization (ICU) methodology. The ICU methodology compares the volume of traffic using the intersection to the capacity of the intersection. The resulting volume-to-capacity (V/C) ratio represents that portion of the hour required to provide sufficient capacity to accommodate all intersection traffic if all approaches operate at capacity.

The volume-to-capacity ratio is then correlated to a performance measure known as Level of Service based on the following thresholds:

Level of Service	Volume/Capacity Ratio
A	≤ 0.600
B	0.601 to 0.700
C	0.701 to 0.800
D	0.801 to 0.900
E	0.901 to 1.000
F	> 1.000

Source: Transportation Research Board, Interim Materials on Highway Capacity, Transportation Research Circular No. 212, January 1980.

Level of Service is used to qualitatively describe the performance of a roadway facility, ranging from Level of Service A (free-flow conditions) to Level of Service F (extreme congestion and system failure). ICU analysis was performed using the Vistro (Version 6.00-00) software.

Consistent with City of Baldwin Park requirements, this analysis uses the following input parameters for the ICU analysis: 1,600 vehicles per hour per lane for through and turn lanes, 2,880 vehicles per hour for dual left-turn lanes, and a total clearance time of 10 percent.

INTERSECTION DELAY METHODOLOGY

The technique used to assess the performance of unsignalized intersections and intersections within the California Department of Transportation jurisdiction is known as the intersection delay methodology based on the procedures contained in the Highway Capacity Manual (Transportation Research Board, 6th Edition). The methodology considers the traffic volume and distribution of movements, traffic composition, geometric characteristics, and signalization details to calculate the average control delay per vehicle and corresponding Level of Service. Control delay is defined as the portion of delay attributed to the intersection traffic control (such as a traffic signal or stop sign) and includes initial deceleration, queue move-up time, stopped delay, and final acceleration delay. The intersection control delay is then correlated to Level of Service based on the following thresholds:

Level of Service	Intersection Control Delay (Seconds / Vehicle)	
	Signalized Intersection	Unsignalized Intersection
A	≤ 10.0	≤ 10.0
B	> 10.0 to ≤ 20.0	> 10.0 to ≤ 15.0
C	> 20.0 to ≤ 35.0	> 15.0 to ≤ 25.0
D	> 35.0 to ≤ 55.0	> 25.0 to ≤ 35.0
E	> 55.0 to ≤ 80.0	> 35.0 to ≤ 50.0
F	> 80.0	> 50.0

Source: Transportation Research Board, Highway Capacity Manual (6th Edition).

Level of Service is used to qualitatively describe the performance of a roadway facility, ranging from Level of Service A (free-flow conditions) to Level of Service F (extreme congestion and system failure). At intersections with traffic signal or all way stop control, Level of Service is determined by the average control delay for the overall intersection. At intersections with cross street stop control (i.e., one- or two-way stop control), Level of Service is determined by the average control delay for the worst individual movement (or movements sharing a single lane). Intersection delay analysis was performed using the Vistro (Version 6.00-00) software using default values recommended in the Highway Capacity Manual.

PERFORMANCE STANDARDS

City of Baldwin Park. The City of Baldwin Park General Plan Policy 1.4 establishes Level of Service D as the minimum acceptable Level of Service for intersections during the morning and evening peak hours.

City of West Covina. The current City of West Covina General Plan does not identify a minimum acceptable Level of Service for intersections in the City of West Covina.

California Department of Transportation. As stated in the Guide for the Preparation of Traffic Impact Studies (State of California, 2002), "California Department of Transportation endeavors to maintain a target LOS [Level of Service] at the transition between LOS "C" and LOS "D" on State highway facilities". The California Department of Transportation acknowledges this may not always be feasible and recommends consultation with the California Department of Transportation to determine the appropriate target Level of Service. For consistency with local requirements, this analysis defines Level of Service D as the minimum acceptable Level of Service for State Highway facilities.

THRESHOLDS OF SIGNIFICANCE

City of Baldwin Park. For signalized study intersections within City of Baldwin Park jurisdiction, a project traffic impact is considered significant if the proposed project increases traffic demand by one percent (1%) or more of capacity (V/C ≥ 0.01), causing or worsening Level of Service E or F (V/C > 0.900).

City of West Covina. For signalized study intersections within City of West Covina jurisdiction, a project traffic impact is considered significant if the proposed project increases traffic demand by two percent (2%) or more of capacity (V/C ≥ 0.02), causing or worsening Level of Service D (V/C > 0.800).

California Department of Transportation. Based on the California Department of Transportation established performance standards, a potentially significant traffic impact is defined to occur if the addition of project generated trips is forecast to cause the performance of a State Highway study intersection to change from acceptable operation (Level of Service D or better) to deficient operation (Level of Service E or F).

It should be noted that many jurisdictions, including the Cities of Baldwin Park and West Covina, do not have established significant impact thresholds for unsignalized intersections. For this traffic impact analysis, a project impact at an unsignalized intersection is considered significant if the addition of project-generated trips is forecast to cause or worsen Level of Service E or F and installation of a traffic signal is warranted.

If a project is forecast to cause a significant impact, feasible mitigation measures that will reduce the impact to a less than significant level will be identified. Mitigation measures can be in many forms, including the addition of lanes, traffic control modification, or demand management measures. If no feasible mitigation measures can be identified for a significantly impacted facility, the impact will remain significant and unavoidable and a statement of overriding considerations will be required.

3. EXISTING (2020) CONDITIONS

EXISTING ROADWAY SYSTEM

Figure 3 identifies the lane geometry and intersection traffic controls for Existing (2020) conditions based on a field survey of the study area. Regional access to the project area is provided by the I-10 Freeway. Key roadways providing local circulation include Francisquito Avenue, Dalewood Street, Merced Avenue, Garvey Avenue, Big Dalton Avenue, and Puente Avenue. For purposes of this study, Francisquito Avenue and parallel roadways are considered to be trending in a north-south orientation.

I-10 Freeway is an eight lane divided freeway generally trending in an east-west direction in the project vicinity. From its western terminus in Santa Monica, the I-10 Freeway provides regional east-west access through greater Los Angeles and the southern United States. Eastbound on/off ramps are located at Dalewood Street and westbound on/off ramps are located at Merced Avenue/Garvey Avenue.

Francisquito Avenue is a four lane divided roadway north of Puente Avenue and a four lane undivided roadway south of Puente Avenue. Francisquito Avenue is not classified in the City of Baldwin Park General Plan. On-street parking is prohibited north of Puente Avenue and generally permitted south of Puente Avenue; there are no dedicated bicycle lanes and sidewalks are provided on both sides of the roadway in the project vicinity.

Dalewood Street is a two lane undivided roadway in the project vicinity. Dalewood Street is not classified in the City of Baldwin Park General Plan. On-street parking is generally permitted; there are no dedicated bicycle lanes in the project vicinity. Sidewalks are currently provided along the north side of Dalewood Street west of Garden View Lane and on the south side of Dalewood Street along the project frontage and east of the project site.

Merced Avenue is a four lane divided roadway north of Puente Avenue. Merced Avenue is classified as a Collector/Industrial (80 foot right-of-way) roadway in the City of Baldwin Park General Plan. On-street parking is prohibited; there are no dedicated bicycle lanes and sidewalks are provided on both sides of the roadway in the project vicinity.

Garvey Avenue is a two lane divided roadway south of Puente Avenue to the City of Baldwin Park limits. Garvey Avenue is classified as a Collector/Industrial (80 foot right-of-way) roadway in the City of Baldwin Park General Plan. On-street parking is prohibited; there are no dedicated bicycle lanes and sidewalks are provided on both sides of the roadway between Puente Avenue and I-10 Freeway Westbound Ramps.

Big Dalton Avenue is a two lane divided roadway in the project vicinity. Big Dalton Avenue is not classified in the City of Baldwin Park General Plan. On-street parking is generally permitted; there are no dedicated bicycle lanes and sidewalks are provided on both sides of the roadway in the project vicinity.

Puente Avenue is a four lane divided roadway in the project vicinity. East of the I-10 Freeway, Puente Avenue is classified as a Collector/Industrial (80 foot right-of-way) roadway in the City of Baldwin Park General Plan; on-street parking is prohibited and sidewalks are provided on both sides of the roadway in the project vicinity. West of Dalewood Street, Puente Avenue is not classified in the City of Baldwin Park General Plan; on-street parking is generally permitted and sidewalks are provided on both sides of the roadway in the project vicinity. There are currently no designated bicycle lanes on Puente Avenue.

EXISTING PEDESTRIAN, BICYCLE, AND TRANSIT FACILITIES

Existing bicycle and pedestrian facilities in the project vicinity are shown on Figure 4. As shown on Figure 4, a pedestrian sidewalk is currently provided along the project site frontage; there are no existing bicycle lanes in the project vicinity.

Figure 5 and Figure 6 show the existing transit route maps for the Baldwin Park Transit service and Foothill Transit service, respectively. As shown on Figure 5, the Baldwin Park Transit runs along Puente Avenue with bus stops located within 1/4-mile walking distance from the project site. As shown on Figure 6, Foothill Transit Routes 272 and 274 run along Dalewood Street and Puente Avenue, respectively, with bus stops located within 1/4-mile walking distance from the project site.

GENERAL PLAN CONTEXT

Figure 7 shows the City of Baldwin Park General Plan Circulation Element Master Plan of Arterials. This figure shows the nature and extent of arterial and collector highways that are needed to adequately serve the ultimate development depicted by the Land Use Element of the General Plan. The City of Baldwin Park General Plan standard roadway cross-sections are illustrated on Figure 8.

Figure 9 illustrates the City of Baldwin Park bikeway plan as established in the General Plan. Figure 10 shows the City of Baldwin Park truck route map.

EXISTING (2020) ROADWAY VOLUMES

Existing (2020) peak hour traffic volumes are based upon morning peak period and evening peak period intersection turning movement counts obtained in September 2017 during typical weekday conditions. To reflect current year 2020 conditions, the 2017 counts were increased by a growth rate of one percent (1%) per year over a three-year period. The morning peak period was counted between 7:00 AM and 9:00 AM and the evening peak period was counted between 4:00 PM and 6:00 PM. The actual peak hour within the peak period is the four consecutive 15 minute periods with the highest total volume when all movements are added together. Thus, the weekday evening peak hour at one intersection may be 4:45 PM to 5:45 PM if those four consecutive 15 minute periods have the highest combined volume. Intersection turning movement count worksheets are provided in Appendix B. Existing (2020) average daily traffic volume estimates are provided in Appendix C as supplementary information.

Figure 11 and Figure 12 show the Existing (2020) morning peak hour and evening peak hour intersection turning movement volumes, respectively.

EXISTING (2020) INTERSECTION LEVEL OF SERVICE

The study intersection Levels of Service for Existing (2020) traffic conditions have been calculated and are shown in Table 1. Existing (2020) Level of Service worksheets are provided in Appendix D.

As shown in Table 1, the study intersections currently operate within acceptable Levels of Service (D or better) during the peak hours for Existing (2020) conditions, with the exception of the following study intersection that is currently operating at Level of Service E/F:

- Dalewood Street at Puente Avenue - #2 (PM peak hour)
- Merced Avenue at Dalewood Street-Garvey Avenue - #8 (AM/PM peak hour)

EXISTING (2020) TRAFFIC SIGNAL WARRANT ANALYSIS

The potential need for installation of a traffic signal at the deficient and unsignalized study intersection of Merced Avenue at Dalewood Street-Garvey Avenue has been evaluated using the California Department of Transportation traffic volume warrants (Warrants 1-3), as specified in Section 4C of the California Manual of Uniform Traffic Control Devices (2014 Update). Traffic signal warrant worksheets are provided in Appendix E.

Based on the satisfaction of Warrant 3 (Part A) during both the morning and evening peak hours, installation of a traffic signal appears to be currently be warranted at the intersection of Merced Avenue at Dalewood Street-Garvey Avenue.

Table 1
Existing (2020) Intersection Levels of Service

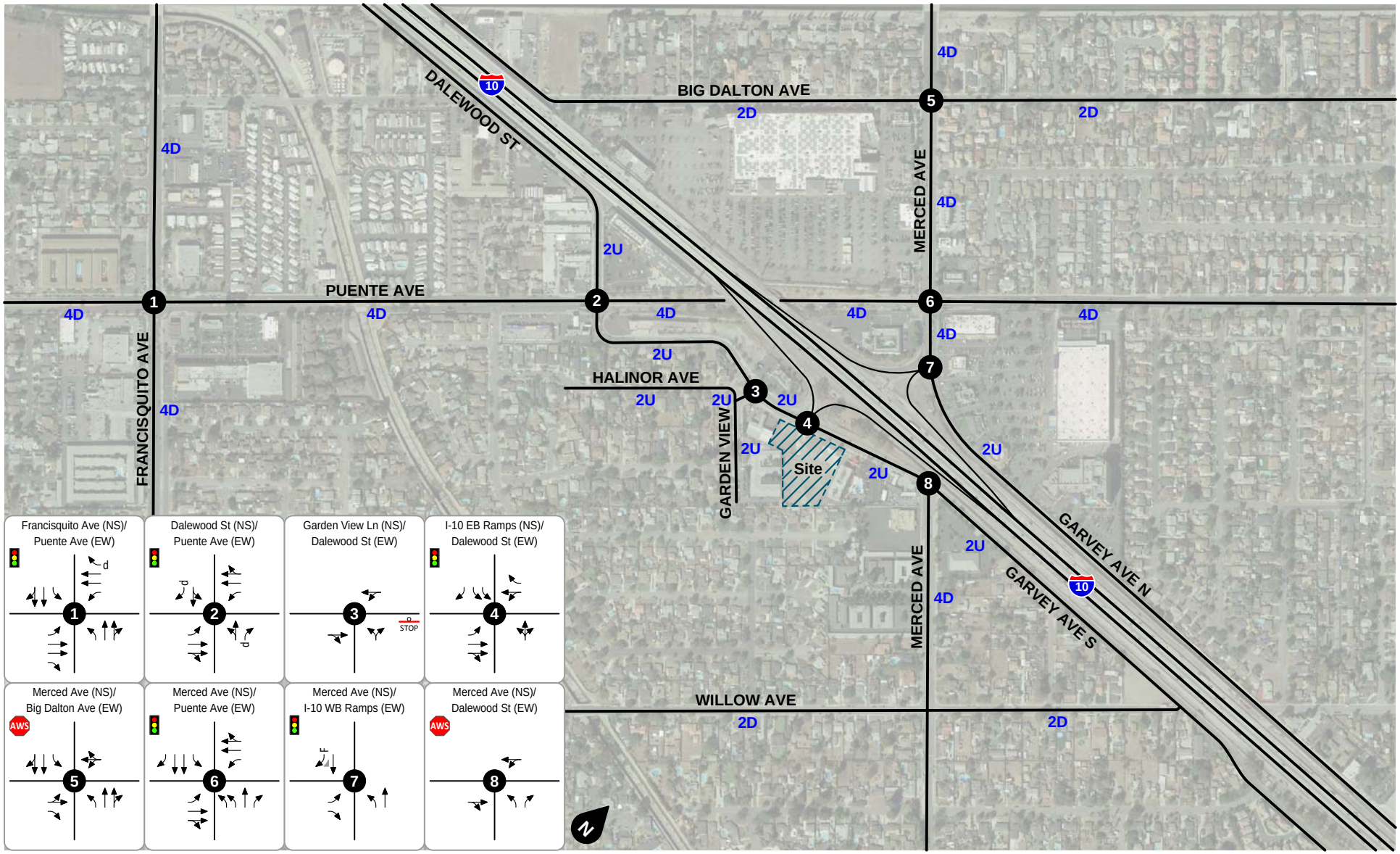
Intersection	Traffic Control[1]	Intersection Approach Lanes[2]												Peak Hour ICU [Delay]-LOS[3]	
		Northbound			Southbound			Eastbound			Westbound				
		L	T	R	L	T	R	L	T	R	L	T	R	Morning	Evening
Francisquito Avenue (NS) at:															
Puente Avenue (EW) - #1	TS	1	1.5	0.5	1	1.5	0.5	1	2	1	1	2	d	0.694-B	0.744-C
Dalewood Street (NS) at:															
Puente Avenue (EW) - #2	TS	0.5	0.5	d	0.5	0.5	d	1	1.5	0.5	1	1.5	0.5	0.748-C	0.901-E
Garden View Lane (NS) at:															
Dalewood Street (EW) - #3	CSS	0.5	0	0.5	0	0	0	0	0.5	0.5	0.5	0.5	0	[20.9]-C	[24.7]-C
I-10 EB Ramps (NS) at:															
Dalewood Street (EW) - #4	TS	0	<1>	0	2	0	1	1	1.5	0.5	0.5	0.5	1	[23.6]-C	[16.1]-B
Merced Avenue (NS) at:															
Big Dalton Avenue (EW) - #5	AWS	1	1.5	0.5	1	1.5	0.5	0.5	0.5	1	0	<1>	0	[24.2]-C	[23.9]-C
Puente Avenue (EW) - #6	TS	2	1	1	1	2	1	1	1.5	0.5	1	1.5	0.5	0.699-B	0.720-C
I-10 WB Ramps (EW) - #7	TS	1	1	0	0	1	1>>	1	0	1	0	0	0	[17.2]-B	[21.5]-C
Dalewood Street/Garvey Avenue (EW) - #8	AWS	1	0	1	0	0	0	0	0.5	0.5	0.5	0.5	0	[69.6]-F	[35.2]-E

Notes:

(1) TS = Traffic Signal; CSS = Cross Street Stop; AWS = All Way Stop

(2) L = Left; T = Through; R = Right; d = De Facto Right Turn Lane; <1> = Shared Left/Through/Right Lane; > = Right Turn Overlap; >> = Free Right Turn Lane

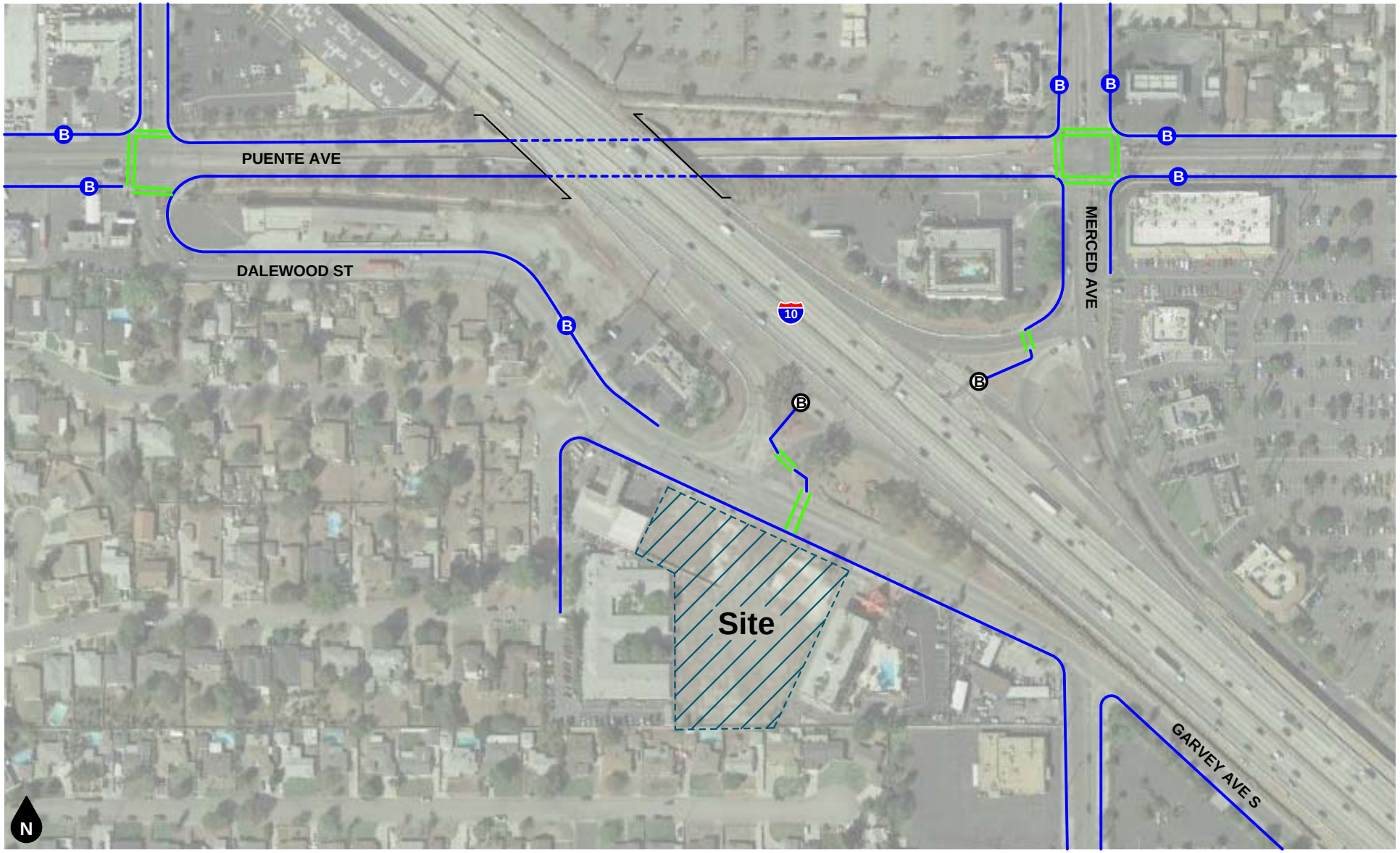
(3) ICU = Intersection Capacity Utilization; Delay shown in [seconds/vehicle]; LOS = Level of Service; [Delay]-LOS is reported for intersections under the California Department of Transportation jurisdiction. Per the Highway Capacity Manual, overall average intersection delay and LOS are shown for intersections with traffic signal or all way stop control. For intersections with cross street stop control, Level of Service is based on average delay of the worst individual lane (or movements sharing a lane).



Legend

- Traffic Signal
- All Way Stop
- Stop Sign
- #D #-Lane Divided Roadway
- #U #-Lane Undivided Roadway
- Existing Lane
- F Free Right Turn Lane
- d De Facto Right Turn Lane

Figure 3
Existing (2020) Lane Geometry and Intersection Traffic Controls



Legend
- Sidewalk
- Cross Walk
- B Bus Stop
- Ⓑ Temporarily Closed Bus Stop

Figure 4
Existing Bicycle & Pedestrian Facilities

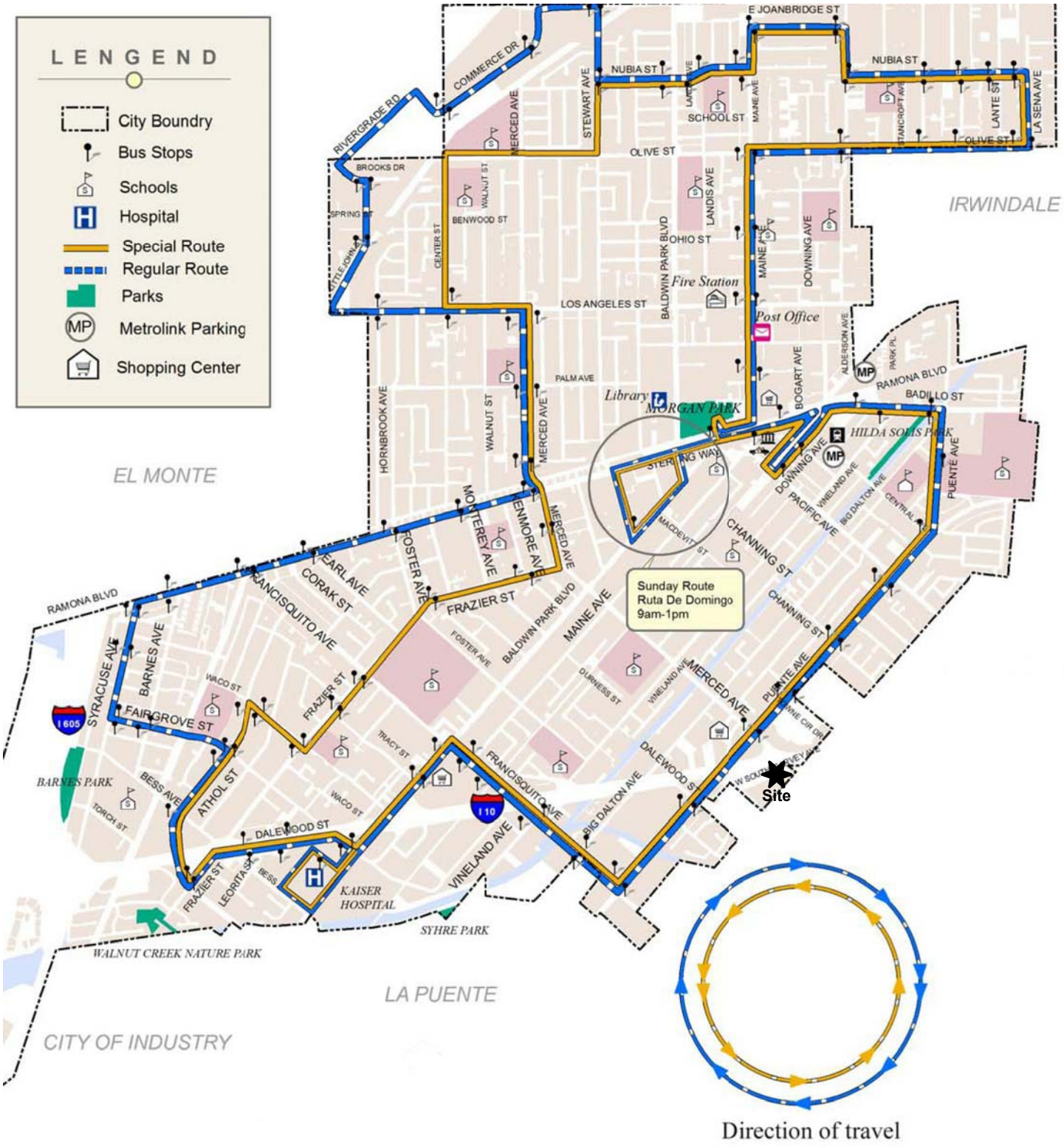


Figure 5
City of Baldwin Park Transit Route Map

Source: City of Baldwin Park

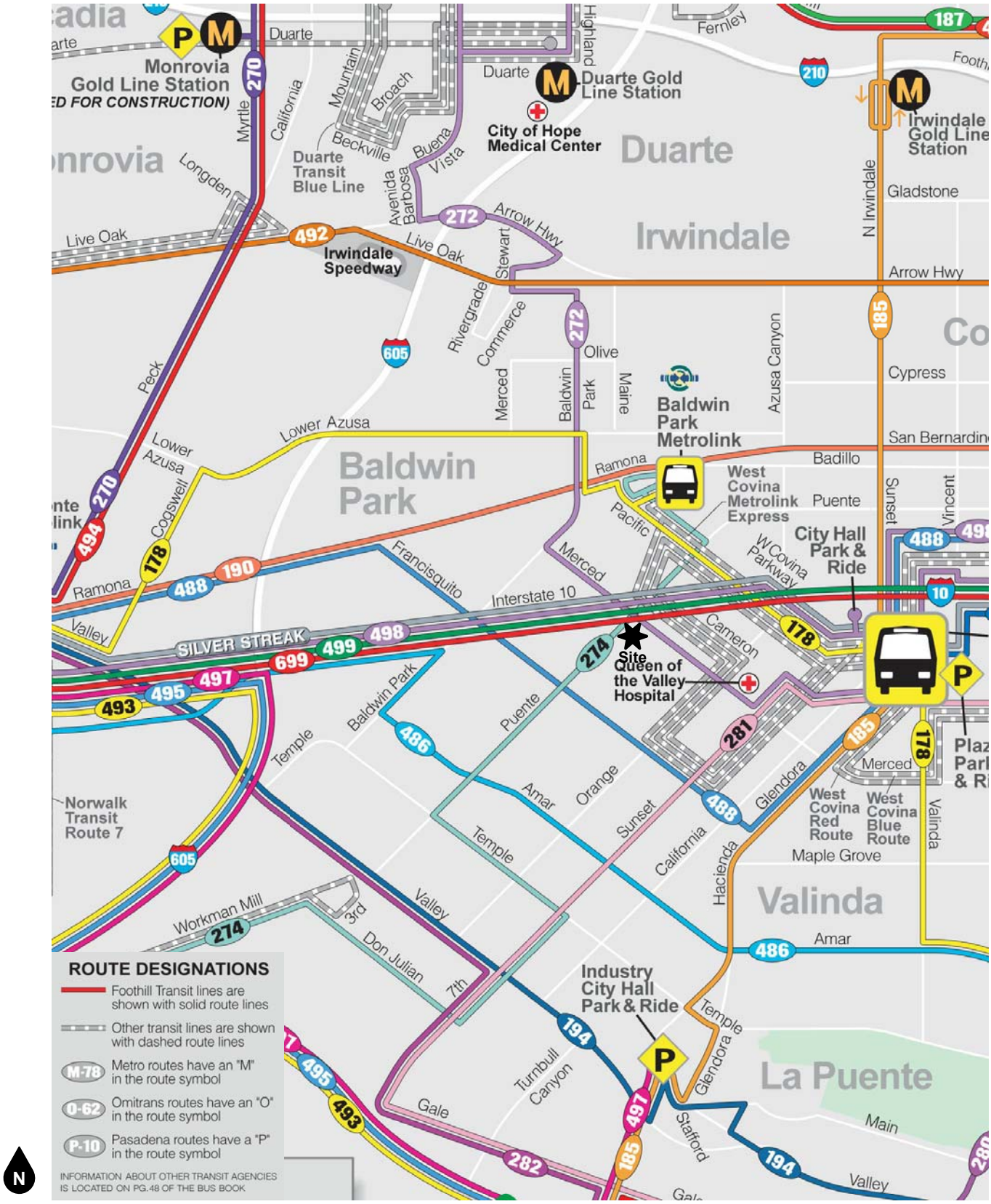


Figure 6
Foothill Transit Route Map

Source: Foothill Transit

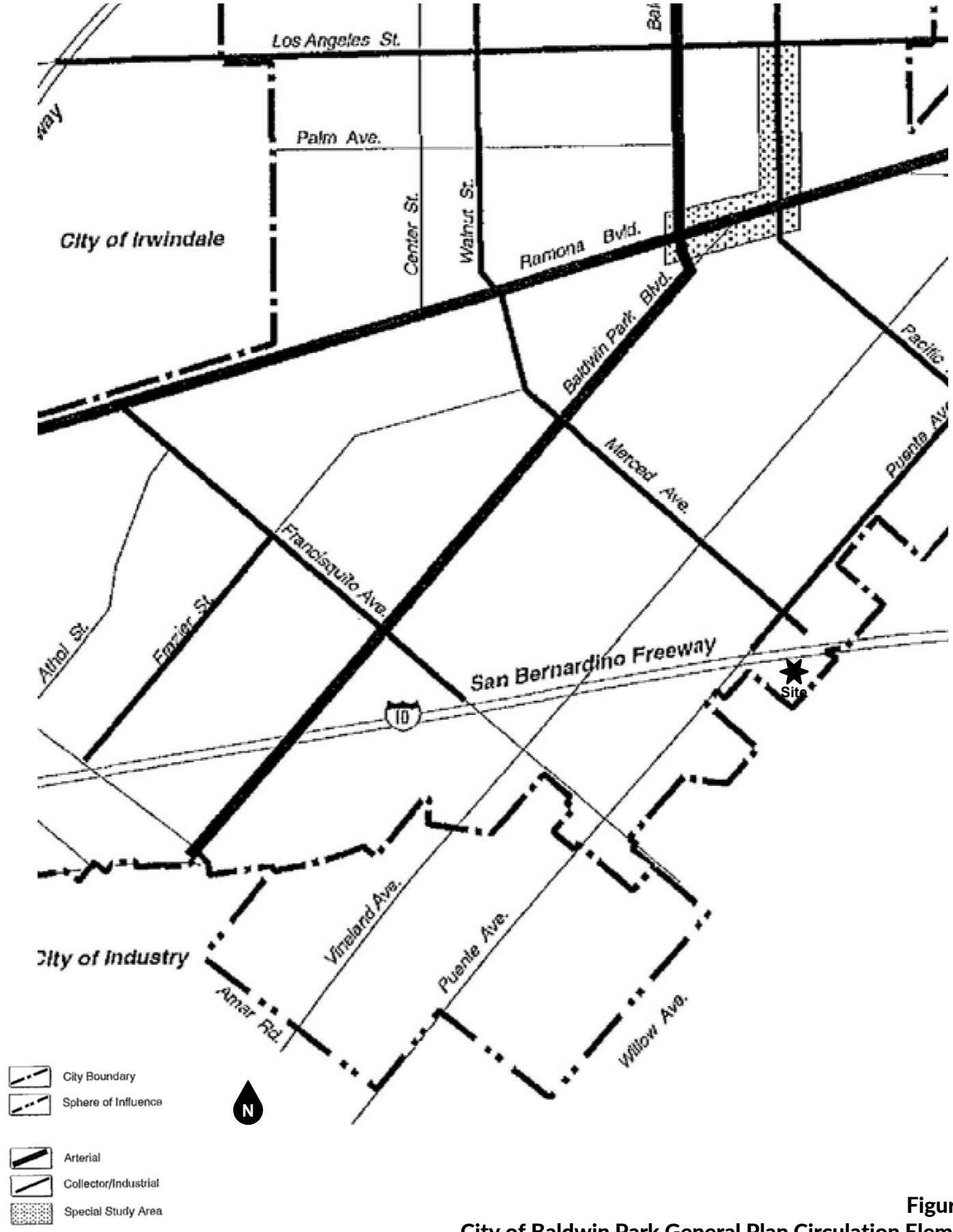
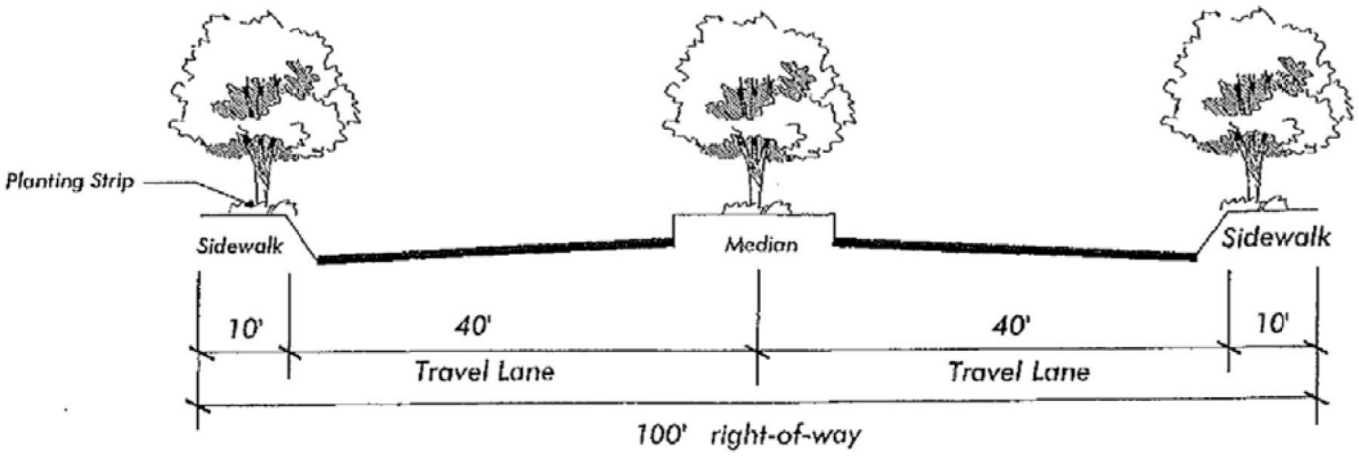


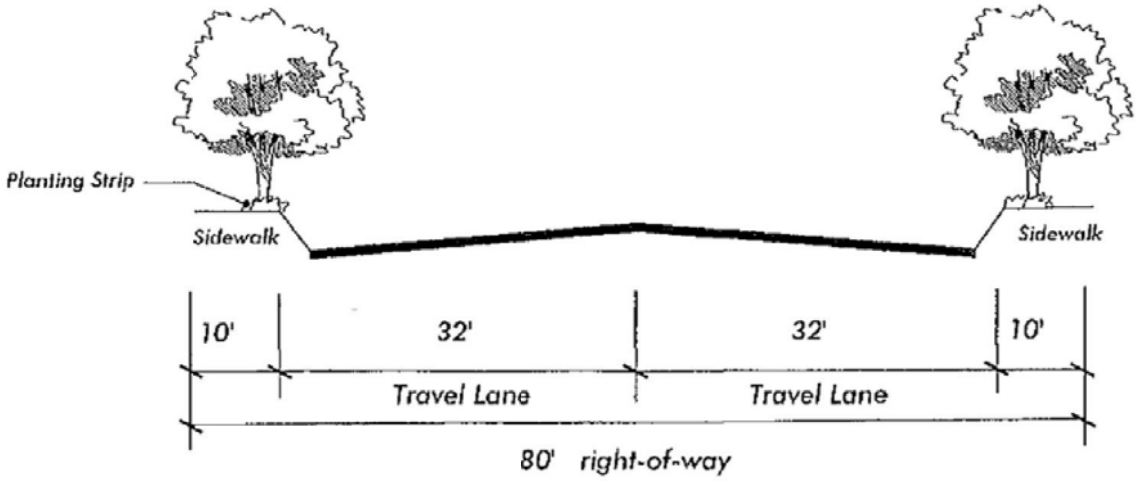
Figure 7
City of Baldwin Park General Plan Circulation Element

Source: City of Baldwin Park

Arterial Street: 100' right-of-way



Collector / Industrial: 80'right-of-way



Residential: 60' right-of-way

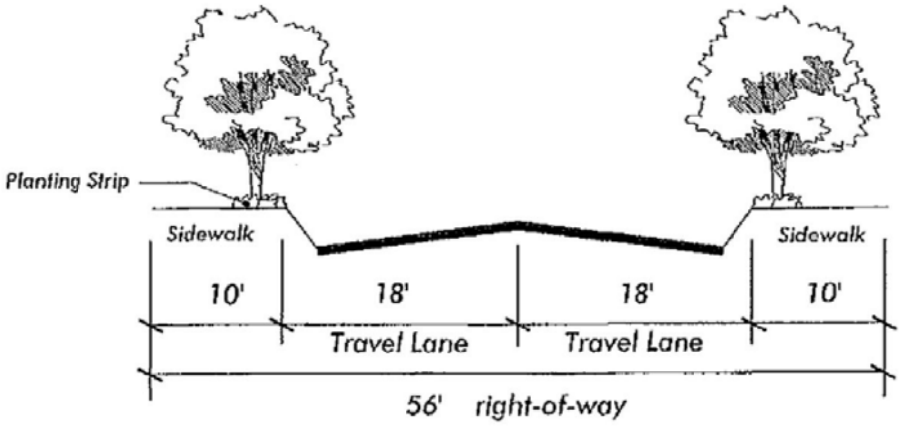


Figure 8
City of Baldwin Park General Plan Roadway Cross-Sections

Source: City of Baldwin Park

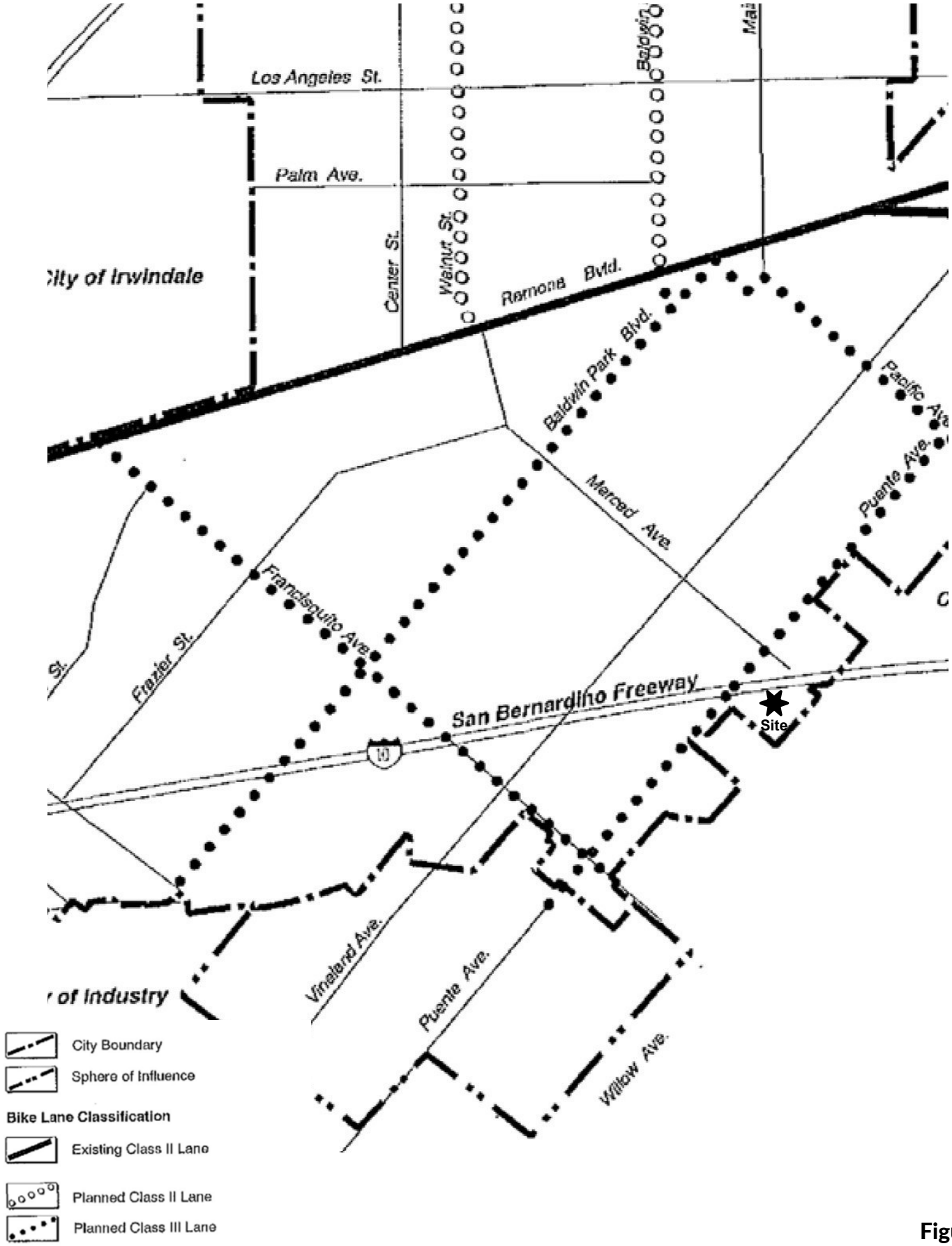


Figure 9
City of Baldwin Park Bikeway Plan

Source: City of Baldwin Park

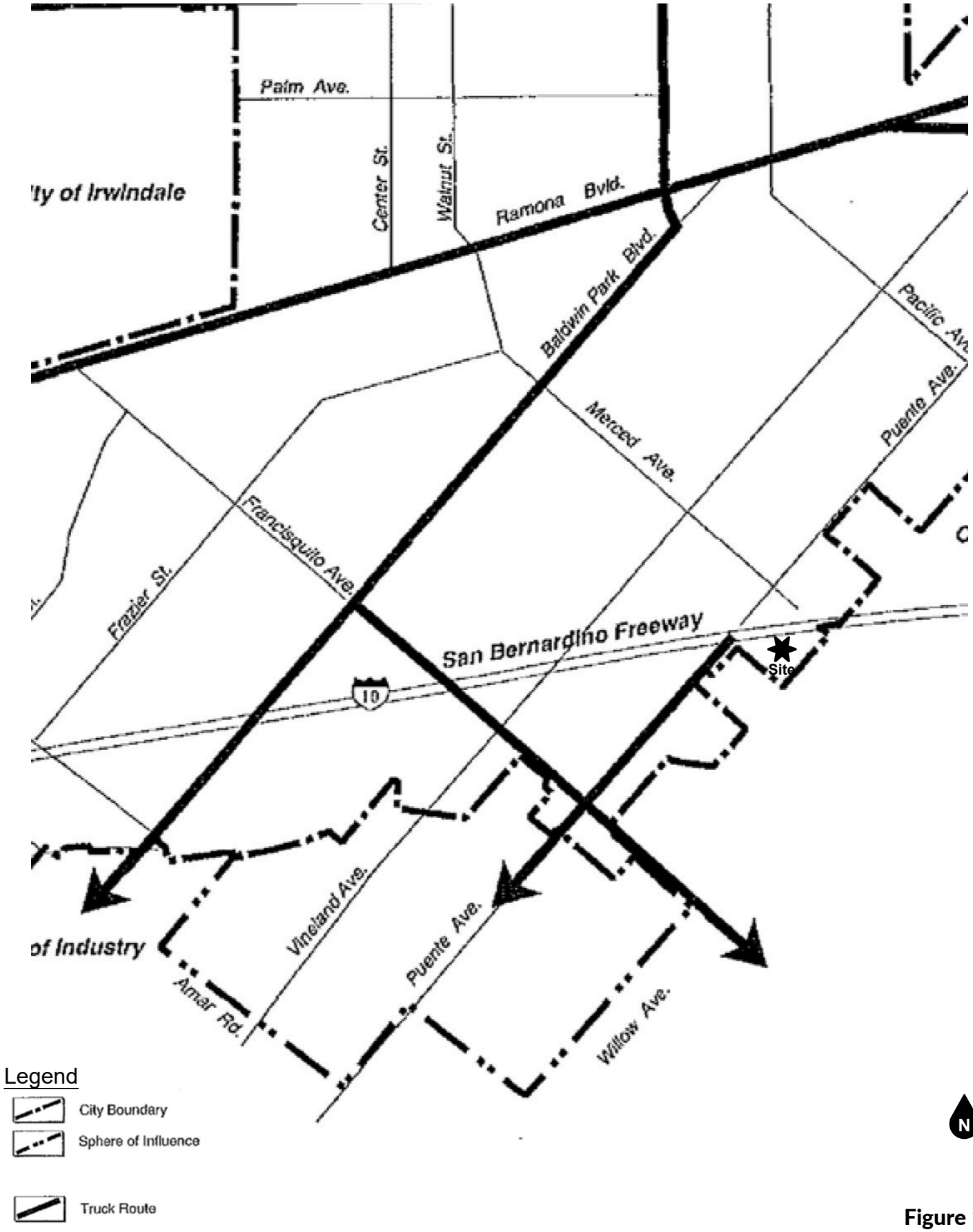
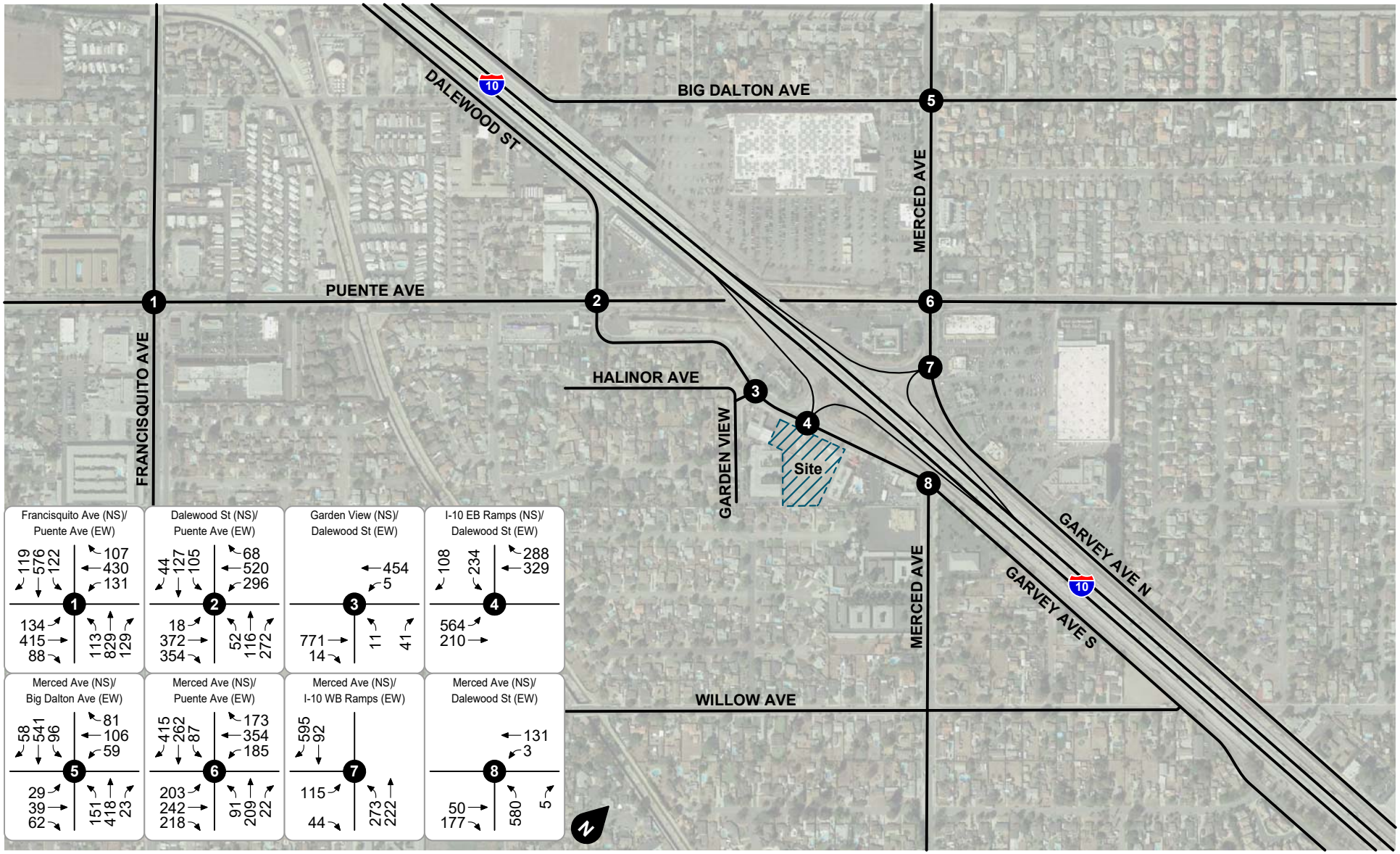


Figure 10
City of Baldwin Park Truck Route Map

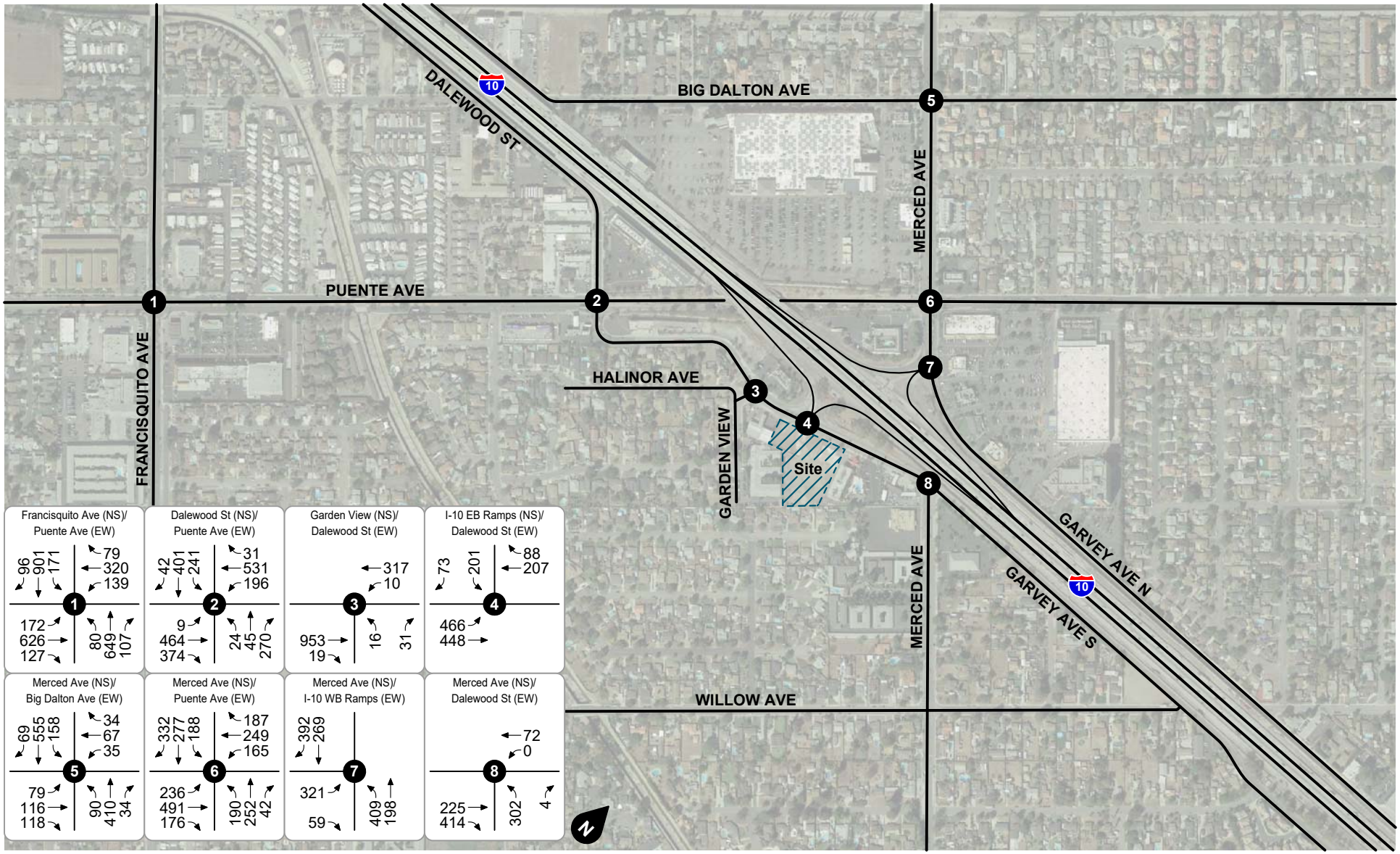
Source: City of Baldwin Park



Legend

Study Intersection

Figure 11
Existing (2020)
AM Peak Hour Intersection Turning Movement Volumes



Legend

Study Intersection

Figure 12
Existing (2020)
PM Peak Hour Intersection Turning Movement Volumes

4. PROJECT TRIP FORECASTS

This section describes how project trip generation, trip distribution, and trip assignment forecasts were developed. The forecast project volumes are illustrated on figures contained in this section.

TRIP GENERATION

Table 2 shows the project trip generation based upon regression/linear equations obtained from the Institute of Transportation Engineers, Trip Generation Manual, 10th Edition, 2017 and rates obtained from the San Diego Association of Governments, Traffic Generators, April 2002. Trip generation rates were determined for daily trips, morning peak hour inbound and outbound trips, and evening peak hour inbound and outbound trips for the proposed land use. In accordance with the Institute of Transportation Engineers recommendations, the number of trips forecast to be generated by office and medical office land uses are determined by solving for trips (T) in the trip generation equation given the land use quantity (X). The number of trips forecast to be generated by the specialty retail land use are determined by multiplying the trip generation rates by the land use quantity.

As shown in Table 2, the proposed project is forecast to generate a total of approximately 817 daily trips, including 100 trips during the morning peak hour and 93 trips during the evening peak hour.

Traffic volumes shown in Table 2 consist of the total trips generated for each project land use. As an office trip generated by the project may also visit the on-site retail land use within the project, a double counting of those trips occurs. To analyze a conservative scenario in terms of the assignment of trips, the project trip generation has not been reduced as a result of the internal interaction between the proposed land uses.

Additionally, a portion of the project-generated retail trips would come from pass-by trips; trips that are currently on the roadway system. To analyze a conservative scenario in terms of the assignment of trips, the project retail trip generation has not been reduced as a result of pass-by trips.

TRIP DISTRIBUTION & ASSIGNMENT

Figure 13 and Figure 14 show the forecast outbound and inbound directional distribution patterns for the project generated trips, respectively. The project trip distribution patterns were determined in consultation with City staff based on review of existing traffic data, surrounding land uses, and the local and regional roadway facilities in the project vicinity.

Based on the identified project trip generation and distributions, morning and evening peak hour intersection turning movement volumes expected from the project are shown on Figure 15 and Figure 16, respectively.

PROJECT DESIGN FEATURES

This analysis assumes the following improvements will be constructed by the project to provide project site access:

Project Driveway/I-10 Eastbound Ramps (NS) at Dalewood Street (EW) - #4

- Construct the northbound approach to consist of one shared left/through/right turn lane.
- Restripe the number two southbound left turn lane to a shared through/left turn lane.
- Modify the traffic signal phasing to provide split phasing on northbound/southbound and eastbound/westbound approaches.
- Prohibit right turns on red at northbound and eastbound approaches.

Table 2
Project Trip Generation

Trip Generation Rates											
					Morning Peak Hour			Evening Peak Hour			
Land Use	Quantity	Units[1]	Source[2]	Setting[3]	Inbound	Outbound	Total	Inbound	Outbound	Total	Daily
General Office	1.000	TSF	ITE 710 [4]	GU/S	1.26	0.20	1.46	0.20	0.99	1.18	10.84
Medical/Dental Office	1.000	TSF	ITE 720 [5]	GU/S	2.38	0.63	3.00	1.00	2.63	3.63	27.50
Retail	1.000	TSF	SANDAG [6]	-	0.72	0.48	1.20	1.80	1.80	3.60	40.00

Trips Generated											
					Morning Peak Hour			Evening Peak Hour			
Land Use	Quantity	Units[1]	Source[2]	Setting[3]	Inbound	Outbound	Total	Inbound	Outbound	Total	Daily
General Office	50.660	TSF	ITE 710	GU/S	64	10	74	10	50	60	549
Medical/Dental Office	8.000	TSF	ITE 720	GU/S	19	5	24	8	21	29	220
Retail	1.200	TSF	SANDAG	-	1	1	2	2	2	4	48
TOTAL	**59.860**	**TSF**			**84**	**16**	**100**	**20**	**73**	**93**	**817**

Notes:

(1) TSF = Thousand Square Feet

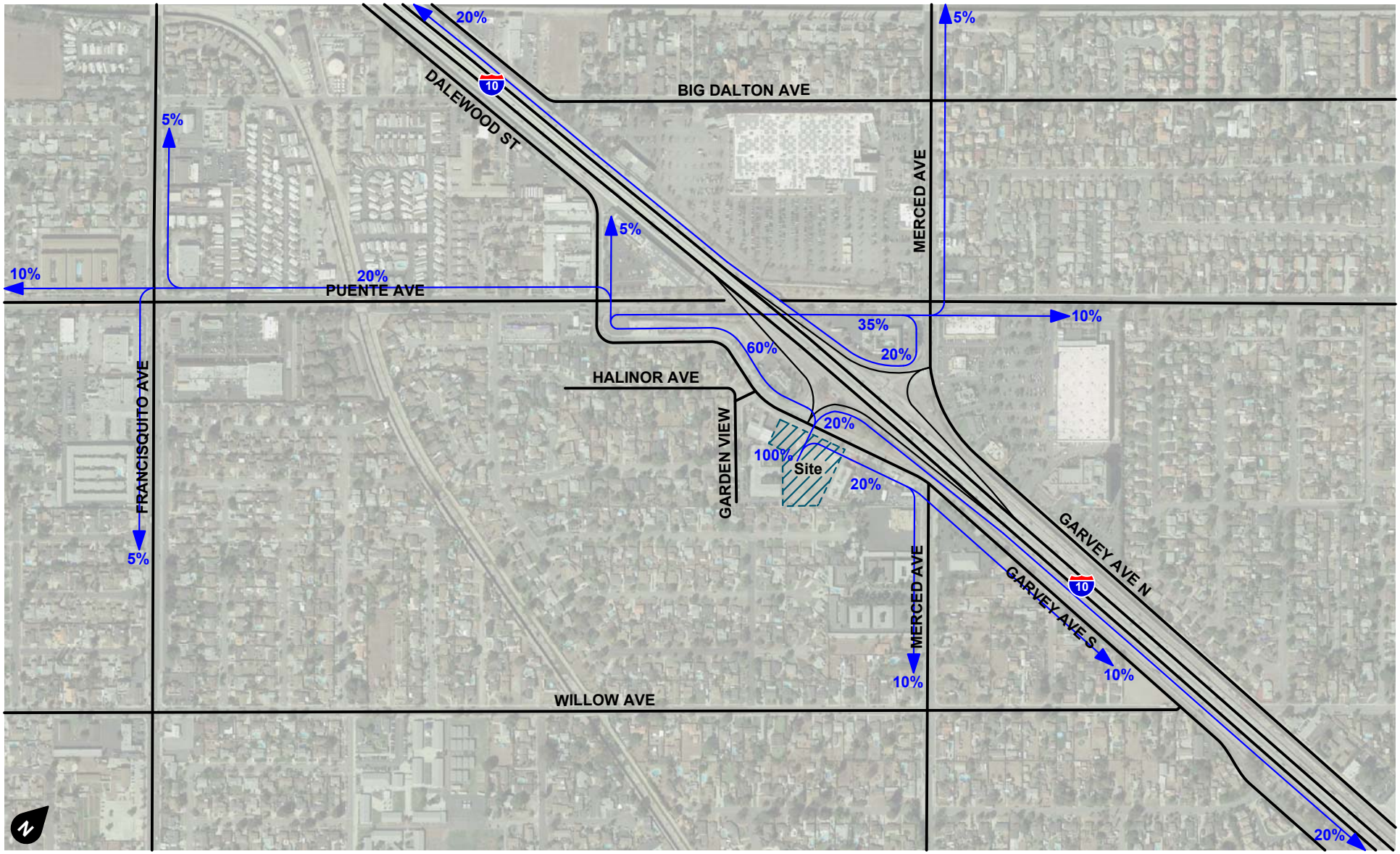
(2) ITE = Institute of Transportation Engineers, Trip Generation Manual, 10th Edition, 2017; ### = Land Use Code

(3) GU/S = General Urban/Suburban

(4) Trip generation rates for General Office were derived from the following ITE equations, where T = trips and X = Thousand Square Feet:
Morning Peak Hour: T = 0.94 Ln(X) + 26.49; 86% inbound, 14% outbound
Evening Peak Hour: Ln(T) = 0.95 Ln(X) + 0.36; 16% inbound, 84% outbound
Daily: Ln(T) = 0.97 Ln(X) + 2.50

(5) Trip generation rates for Medical/Dental Office were derived from the following ITE equations, where T = trips and X = Thousand Square Feet:
Morning Peak Hour: Ln(T) = 0.89 Ln(X) + 1.31; 78% inbound, 22% outbound
Evening Peak Hour: T = 3.39 (X) + 2.02; 28% inbound, 72% outbound
Daily: T = 38.42 (X) - 87.62

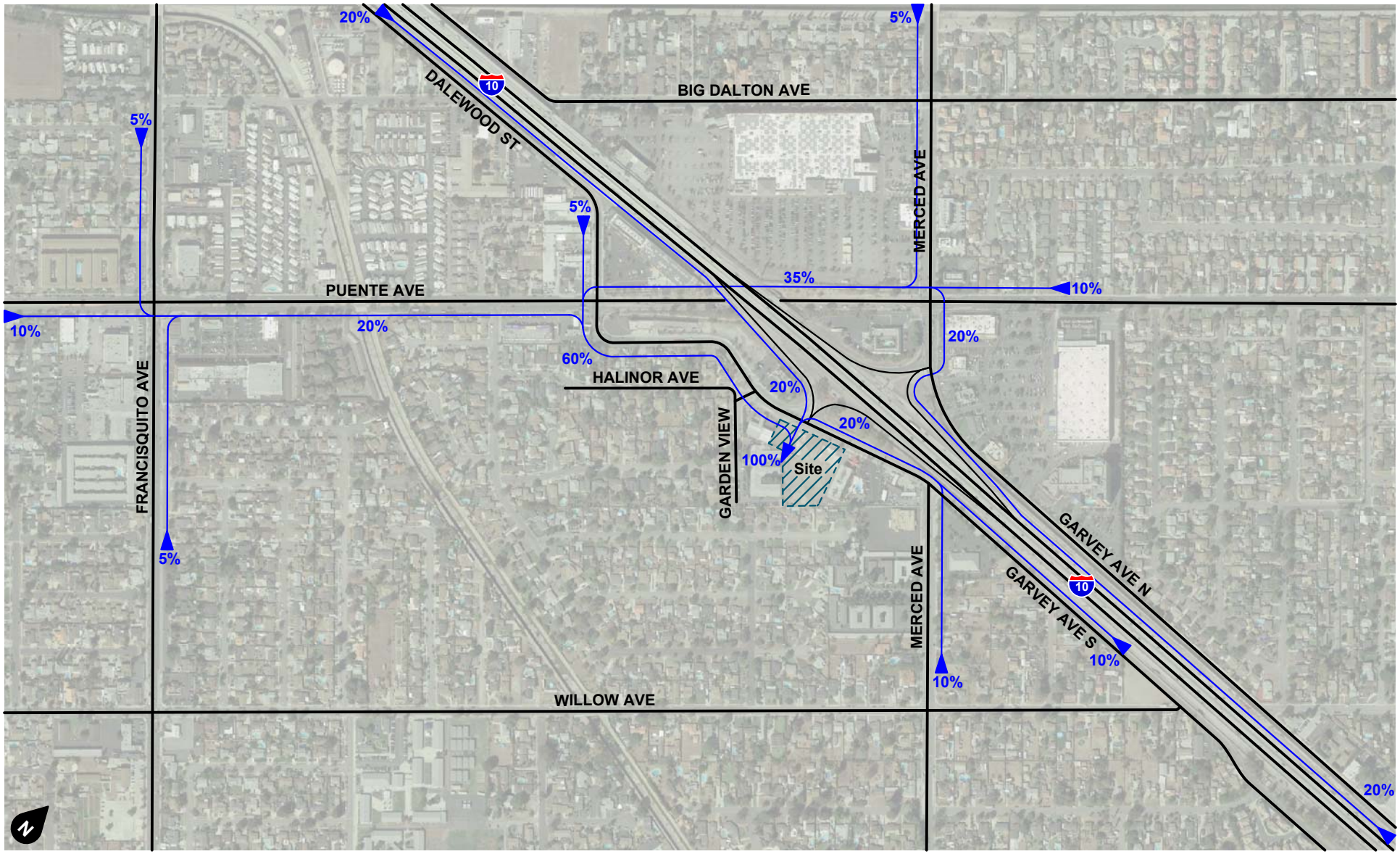
(6) The Institute of Transportation Engineers Trip Generation Manual (10th Edition, 2017) does not contain trip generation rates for general retail land use. Trip generation rates for specialty retail obtained from the San Diego Association of Governments, Brief Guide of Vehicular Traffic Generation Rates for the San Diego Region April 2002.



Legend

10% Percent From Project

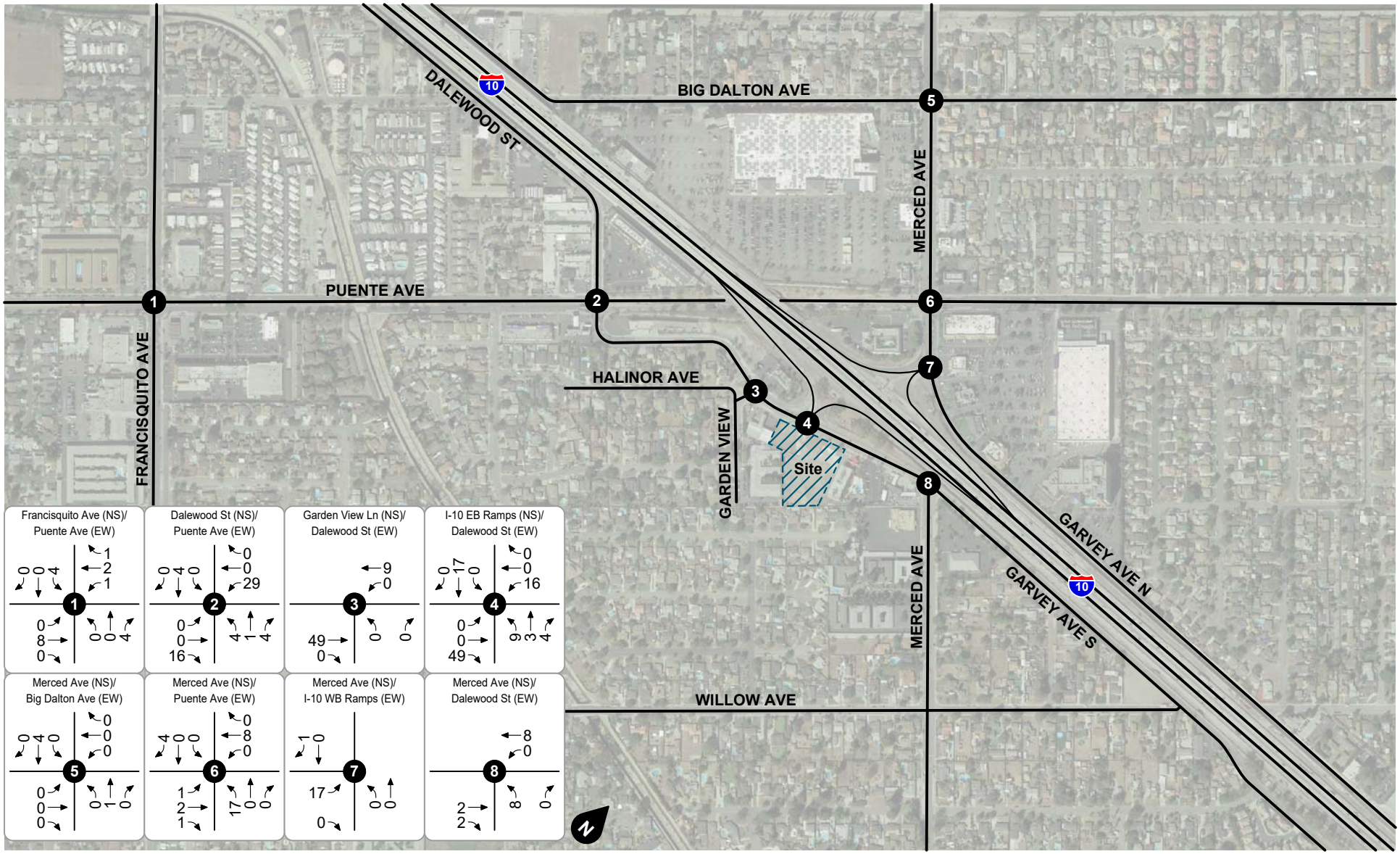
Figure 13
Project Trip Distribution (Outbound)



Legend

10% Percent To Project

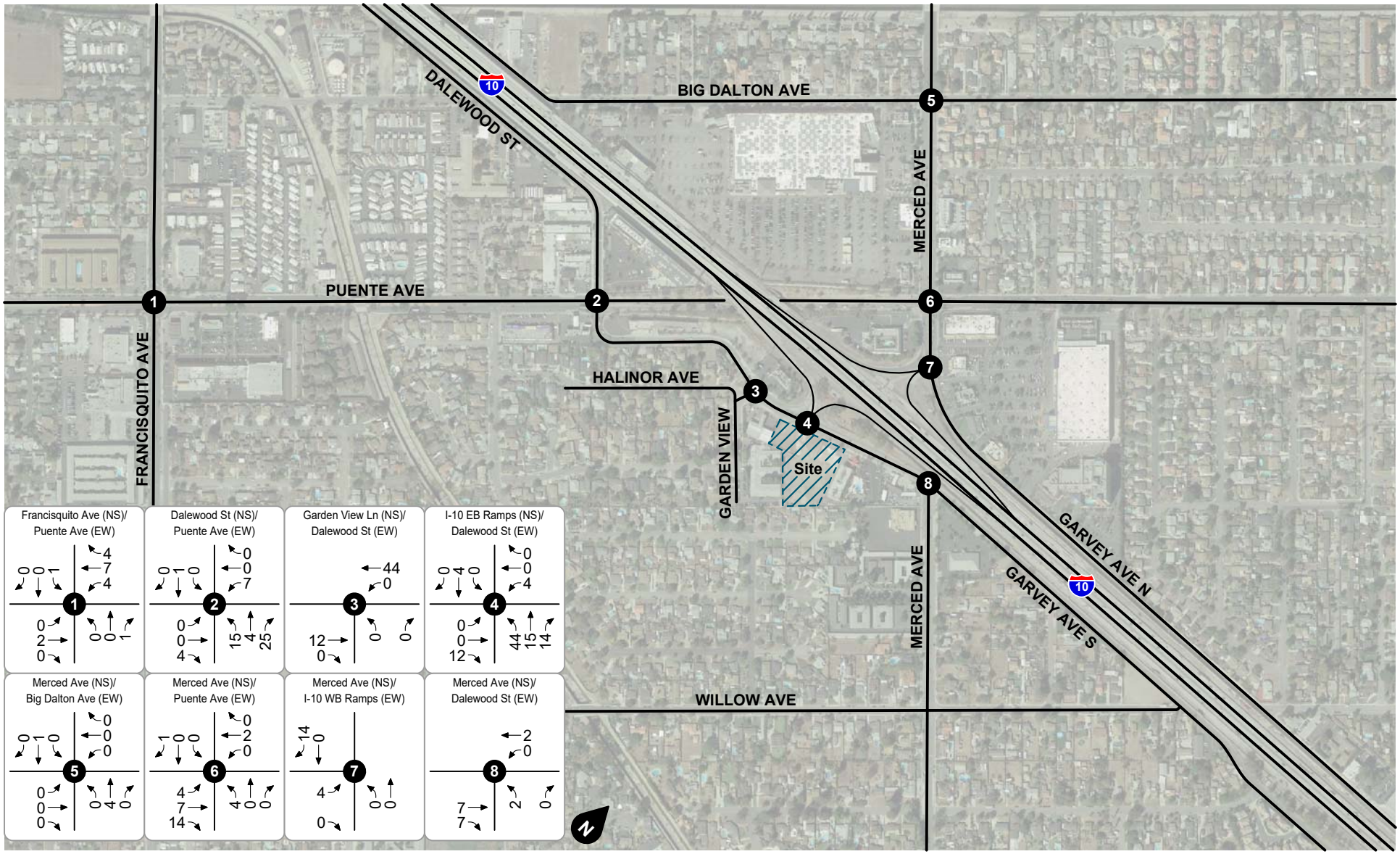
Figure 14
Project Trip Distribution (Inbound)



Legend

Study Intersection

Figure 15
Project AM Peak Hour Intersection Turning Movement Volumes



Legend

Study Intersection

Figure 16
Project PM Peak Hour Intersection Turning Movement Volumes

5. FUTURE VOLUME FORECASTS

This section describes how future volume forecasts for each analysis scenario were developed. Forecast study area volumes are illustrated on figures contained in this section.

METHOD OF PROJECTION

To assess future conditions, existing (2020) roadway volumes are combined with project trips, ambient growth, and other development trips. The project completion year for analysis purposes in this report is 2024.

Regional Ambient Growth

To account for ambient growth on roadways, existing (2020) traffic volumes were increased by one percent (1%) per year over a four year period based on consultation with City of Baldwin Park staff. This is a conservative assumption since the ambient growth was applied to all movements at the study intersections.

Other Developments

A list of pending or approved other development projects was obtained from the Cities of Baldwin Park and West Covina. Other developments within a 2 mile radius were identified and included in the trip generation summary shown in Table 3. Figure 17 shows the other development location map. The regional ambient growth is assumed to account for any additional trips generated by other developments outside the 2 mile radius.

Figure 18 and Figure 19 show the forecast morning and evening peak hour intersection turning movement volumes for trips generated by other developments, respectively.

FUTURE TRAFFIC VOLUMES

Existing Plus Project Forecast

The traffic volumes for existing plus project conditions have been derived by adding the project generated trips to existing (2020) traffic volumes. Existing plus project morning and evening peak hour intersection turning movement volumes are shown on Figure 20 and Figure 21, respectively.

Opening Year (2024) Without Project Forecast

To assess Opening Year (2024) Without Project traffic conditions, existing (2020) traffic was combined with ambient growth and trips generated by other developments. Opening Year (2024) Without Project morning and evening peak hour intersection turning movement volumes are shown on Figure 22 and Figure 23, respectively.

Opening Year (2024) With Project

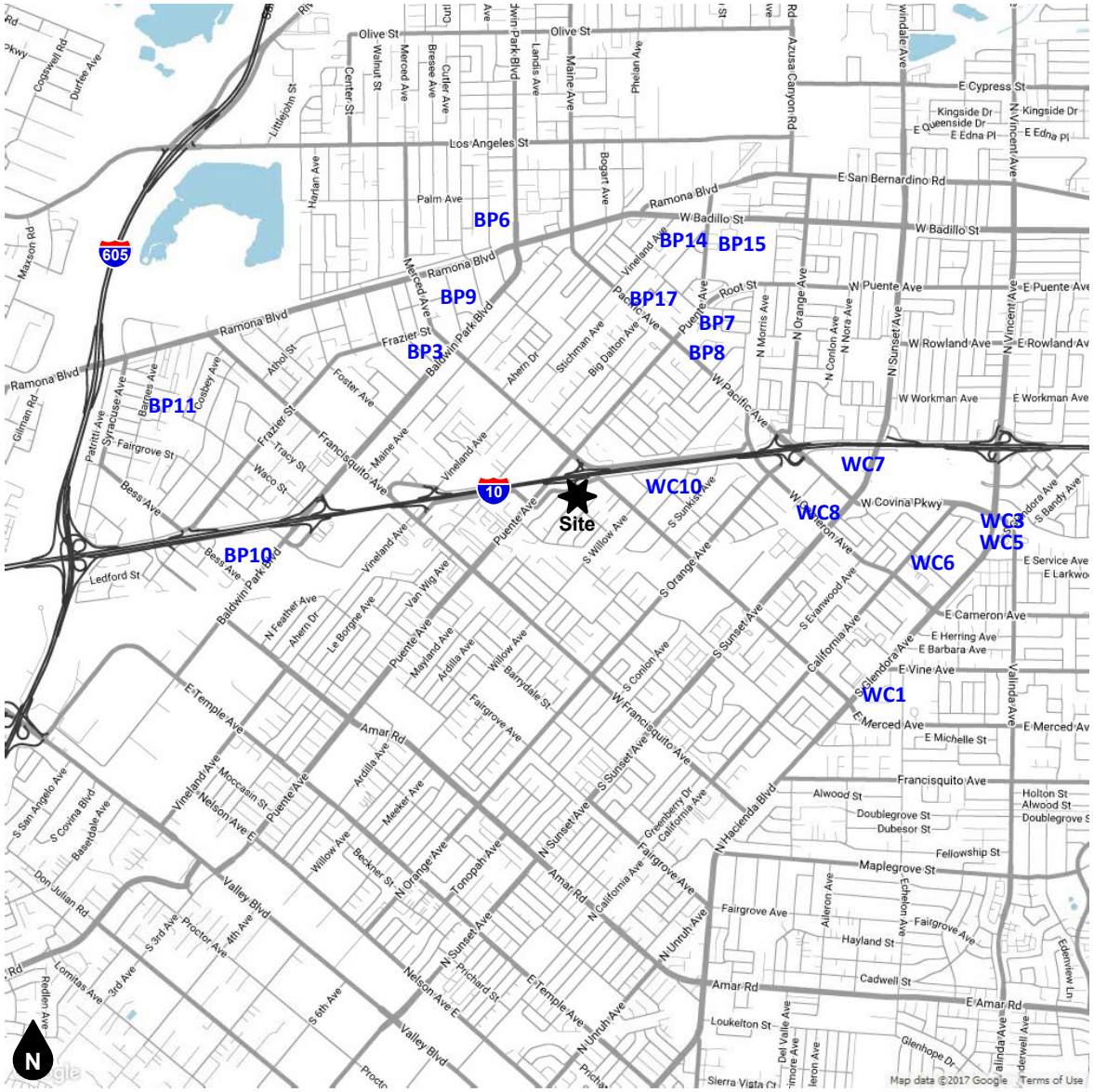
To assess Opening Year (2024) With Project traffic conditions, project generated trips were added to Opening Year (2024) Without Project traffic volumes. Opening Year (2024) With Project morning and evening peak hour intersection turning movement volumes are shown on Figure 24 and Figure 25, respectively.

Table 3
Other Development Trip Generation

ID	Location/Name	Land Use	Quantity	Units[1]	Source[2]	Morning Peak Hour			Evening Peak Hour			Daily
						Inbound	Outbound	Total	Inbound	Outbound	Total	
City of Baldwin Park												
BP3	SP Modification 8551-017-004	Single-Family Detached Residential	51	DU	ITE 210	10	28	38	32	18	50	481
BP6	4142-4144 La Rica Avenue	Condominiums	6	DU	ITE 220	1	2	3	2	1	3	44
BP7	3726 Puente Avenue	Condominiums	4	DU	ITE 220	0	2	2	1	1	2	29
BP8	114911 Pacific Avenue	Commercial	1.740	TSF	ITE 820	1	1	2	3	4	7	66
		Apartments	4	DU	ITE 220	0	2	2	1	1	2	29
		Subtotal				1	3	4	4	5	9	95
BP9	3913 Stewart Avenue	Condominiums	4	DU	ITE 220	0	2	2	1	1	2	29
BP10	1011 Baldwin Park Boulevard	Medical Office	60.000	TSF	ITE 720	130	37	167	58	150	208	2,088
BP11	3540 Barnes Avenue	Single-Family Detached Residential	8	DU	ITE 210	2	4	6	5	3	8	76
BP14	15000 Badillo Street	Condominiums	16	DU	ITE 220	2	5	7	6	3	9	117
BP15	15110-20 Badillo Street	Condominiums	12	DU	ITE 220	1	5	6	4	3	7	88
BP17	3715-3725 Puente Avenue	Single-Family Detached Residential	47	DU	ITE 210	9	26	35	29	18	47	444
City of West Covina												
WC1	1030 Glendora Avenue	Beauty Salon	2.000	TSF	ITE 918	2	0	2	1	2	3	29
WC3	444 Vincent Avenue	Tire Store	6.695	TSF	ITE 848	12	6	18	11	16	27	191
WC5	440 Vincent Avenue	Fast Food Restaurant	2.000	TSF	ITE 934	41	39	80	34	31	65	942
WC6	835 Christopher Street	Medical Office	9.818	TSF	ITE 720	21	6	27	10	24	34	342
WC7	1360 Garvey Avenue	Bakery	21.943	TSF	ITE 933	330	221	551	311	311	622	7,597
WC8	1400 West Covina Parkway	Assisted Living	121.061	TSF	ITE 254	36	11	47	17	41	58	507
WC10	2222 Garvey Avenue	Single-Family Detached Residential	3	DU	ITE 210	1	1	2	2	1	3	28
Total Other Development Trips Generated						**599**	**398**	**997**	**528**	**629**	**1,157**	**13,127**

Notes:
(1) TSF = Thousand Square Feet; DU = Dwelling Units

(2) ITE = Institute of Transportation Engineers, Trip Generation Manual, 10th Edition, 2017; ### = Land Use Code; General Urban/Suburban rates.



Baldwin Park:

BP3 Specific Plan Modification 8552-017-004

BP4 13226-13230 Ramona Boulevard

BP6 4142-4144 La Rica Avenue

BP7 3726 Puente Avenue

BP8 14911 Pacific Avenue

BP9 3913 Stewart Avenue

BP10 1011 Baldwin Park Boulevard

BP11 3540 Barnes Avenue

BP14 15000 Badillo Street

BP15 15110 -20 Badillo Street

BP17 3715-3725 Puente Avenue

West Covina:

WC1 1030 Glendora Avenue

WC3 444 Vincent Avenue

WC5 101 Azusa Avenue

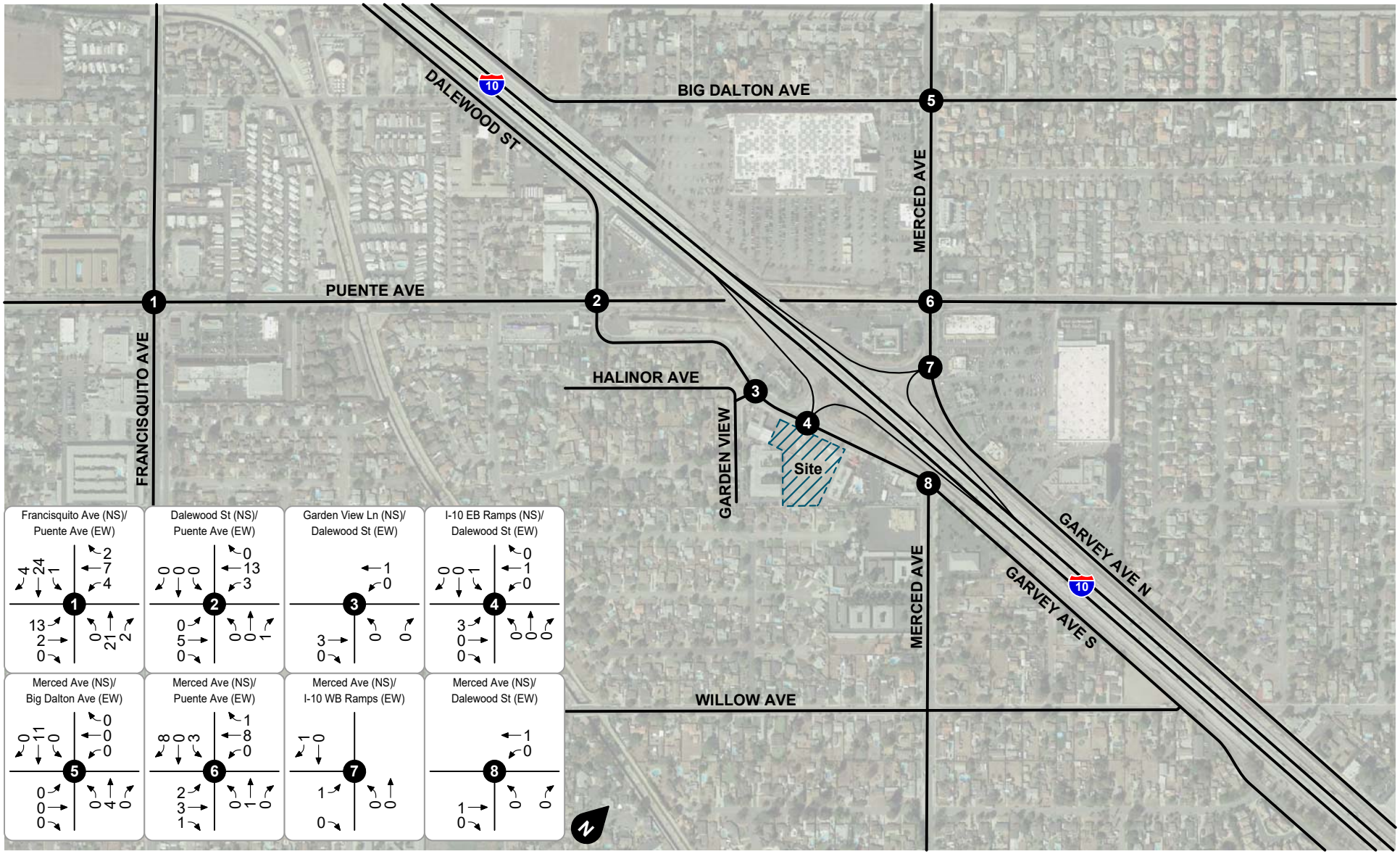
WC6 440 Vincent Avenue

WC7 835 Christopher Street

WC8 1360 Garvey Avenue

WC10 524 Barranca Street

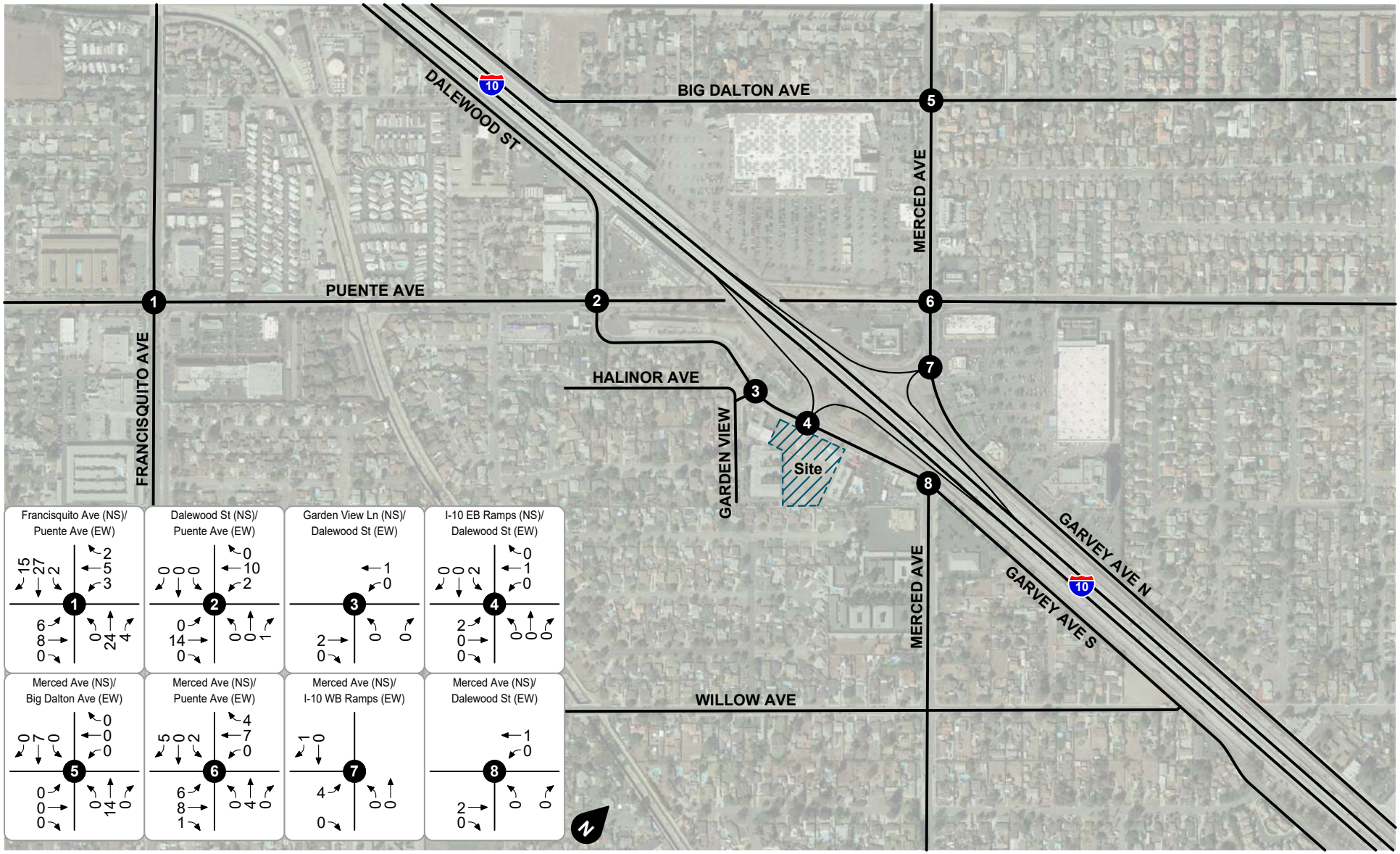
Figure 17
Other Development Location Map



Legend

(#) Study Intersection

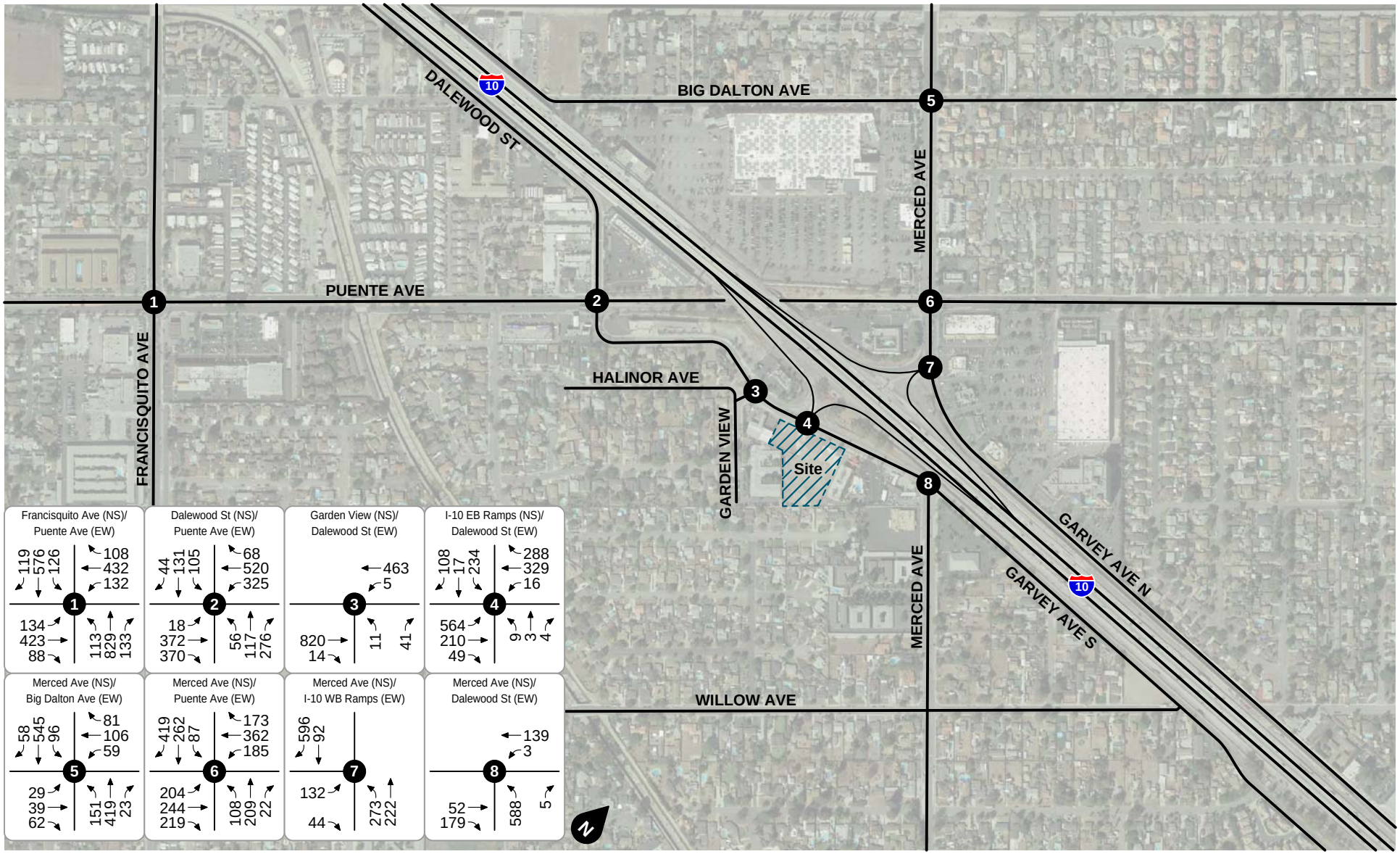
Figure 18
Other Development
AM Peak Hour Intersection Turning Movement Volumes



Legend

Study Intersection

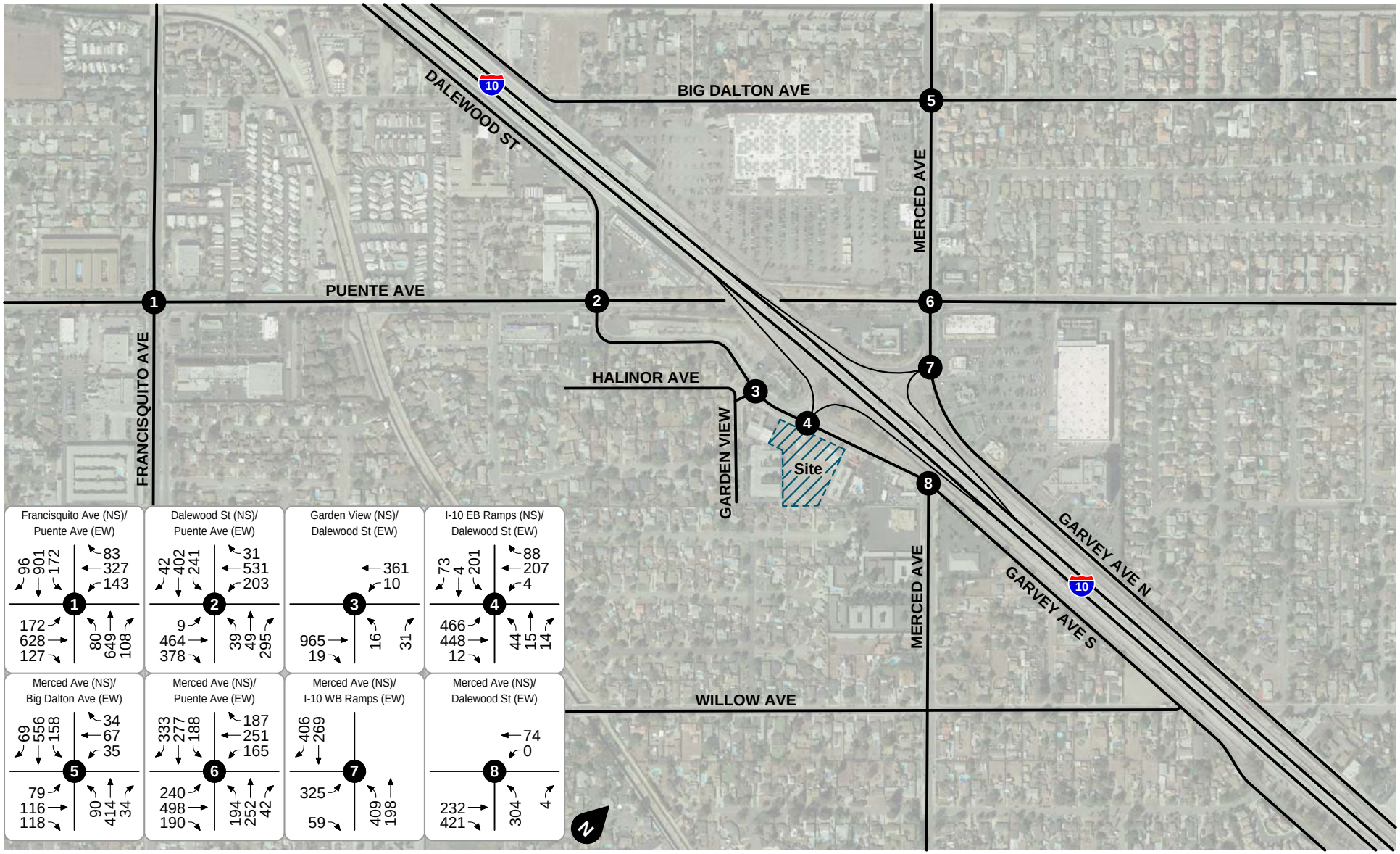
Figure 19
Other Development
PM Peak Hour Intersection Turning Movement Volumes



Legend

Study Intersection

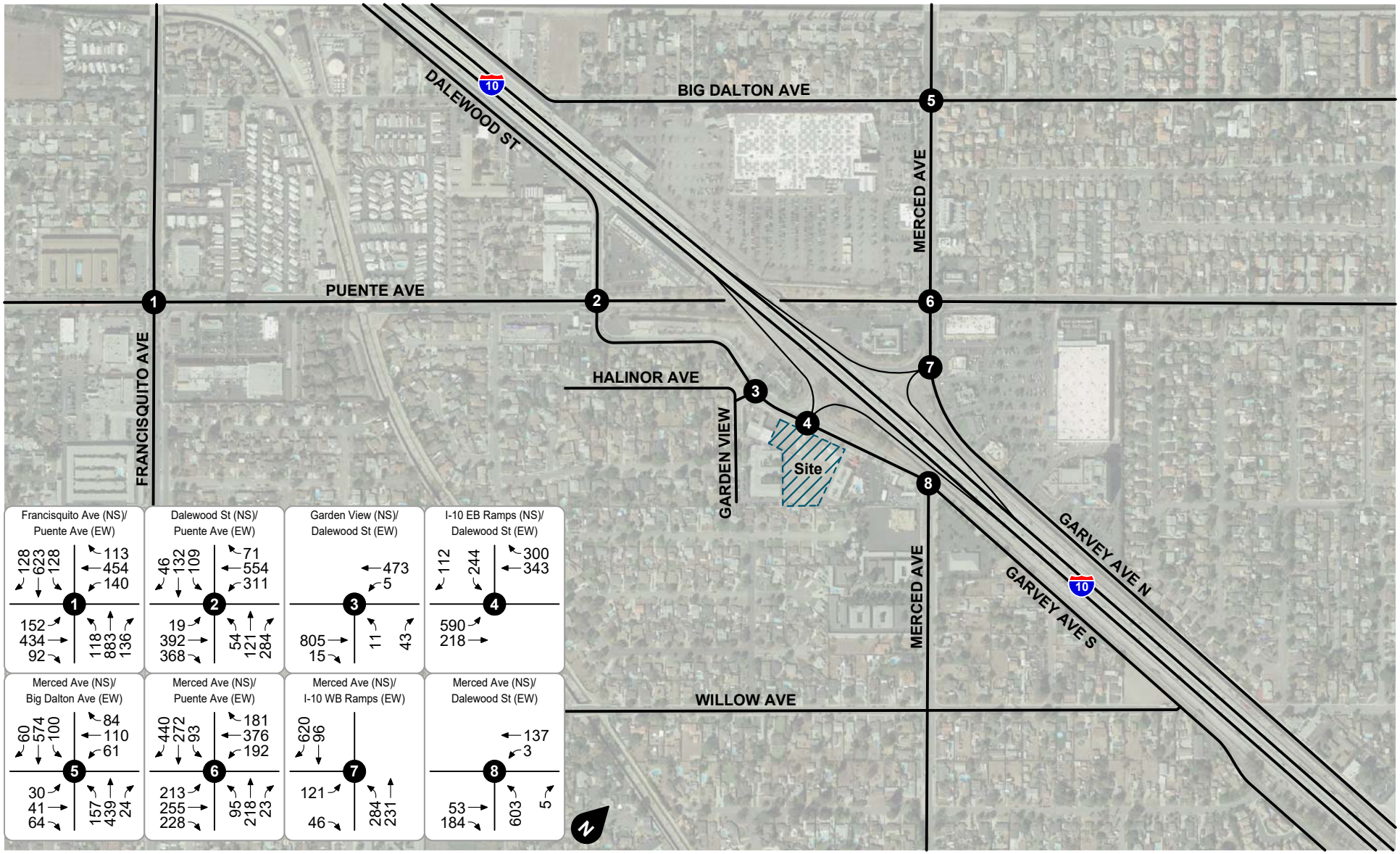
Figure 20
Existing Plus Project
AM Peak Hour Intersection Turning Movement Volumes



Legend

Study Intersection

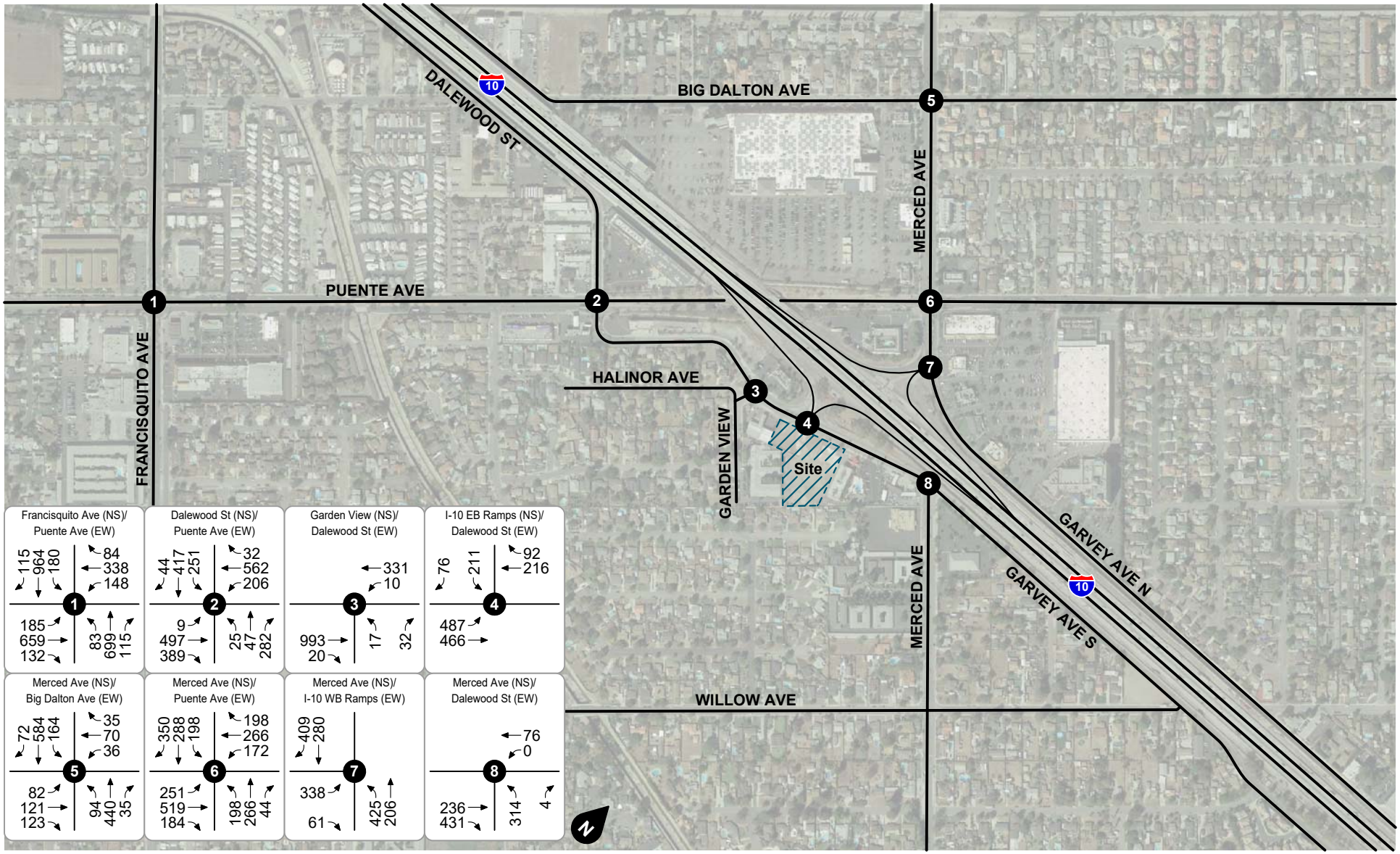
Figure 21
Existing Plus Project
PM Peak Hour Intersection Turning Movement Volumes



Legend

Study Intersection

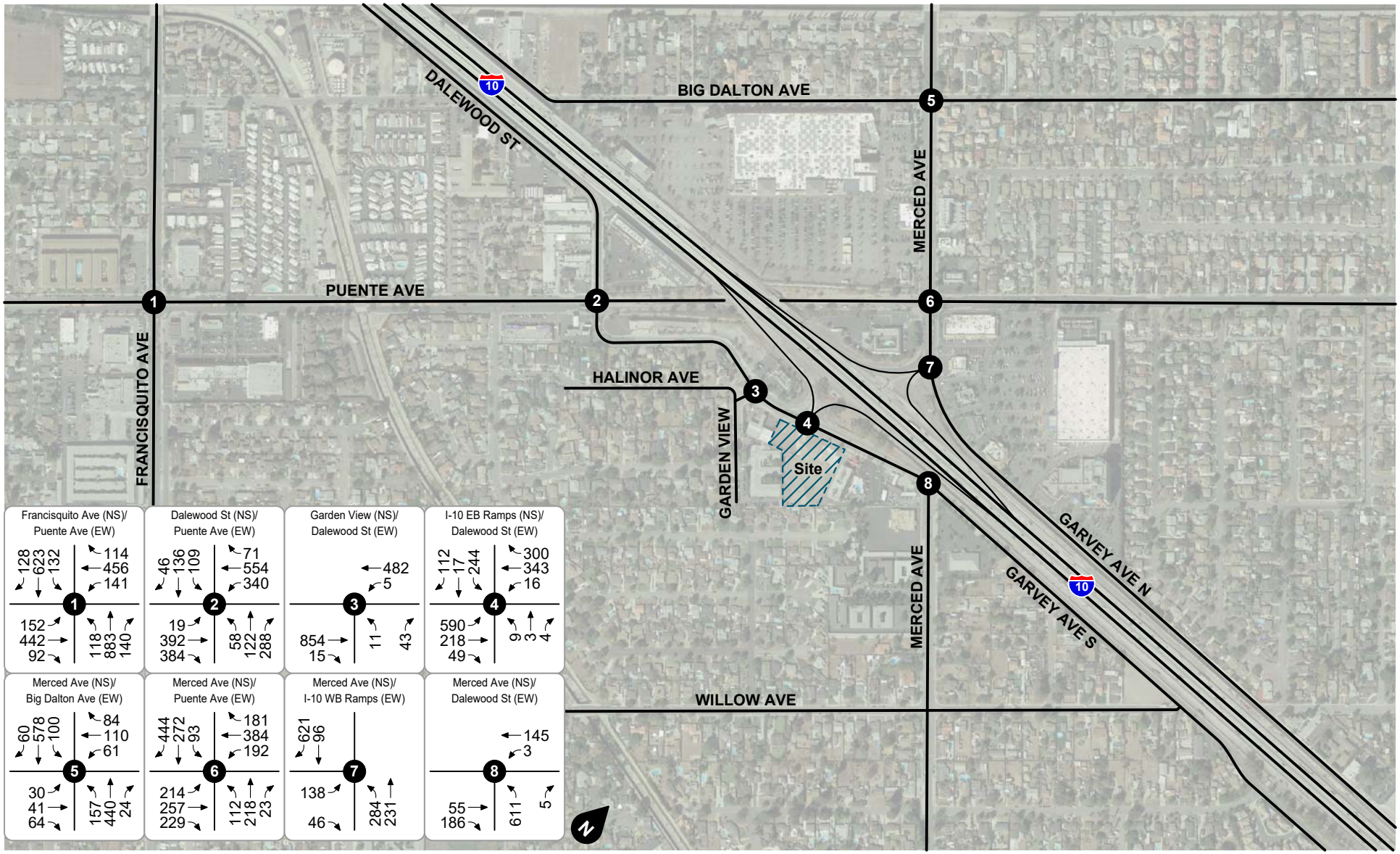
Figure 22
Opening Year (2024) Without Project
AM Peak Hour Intersection Turning Movement Volumes



Legend

Study Intersection

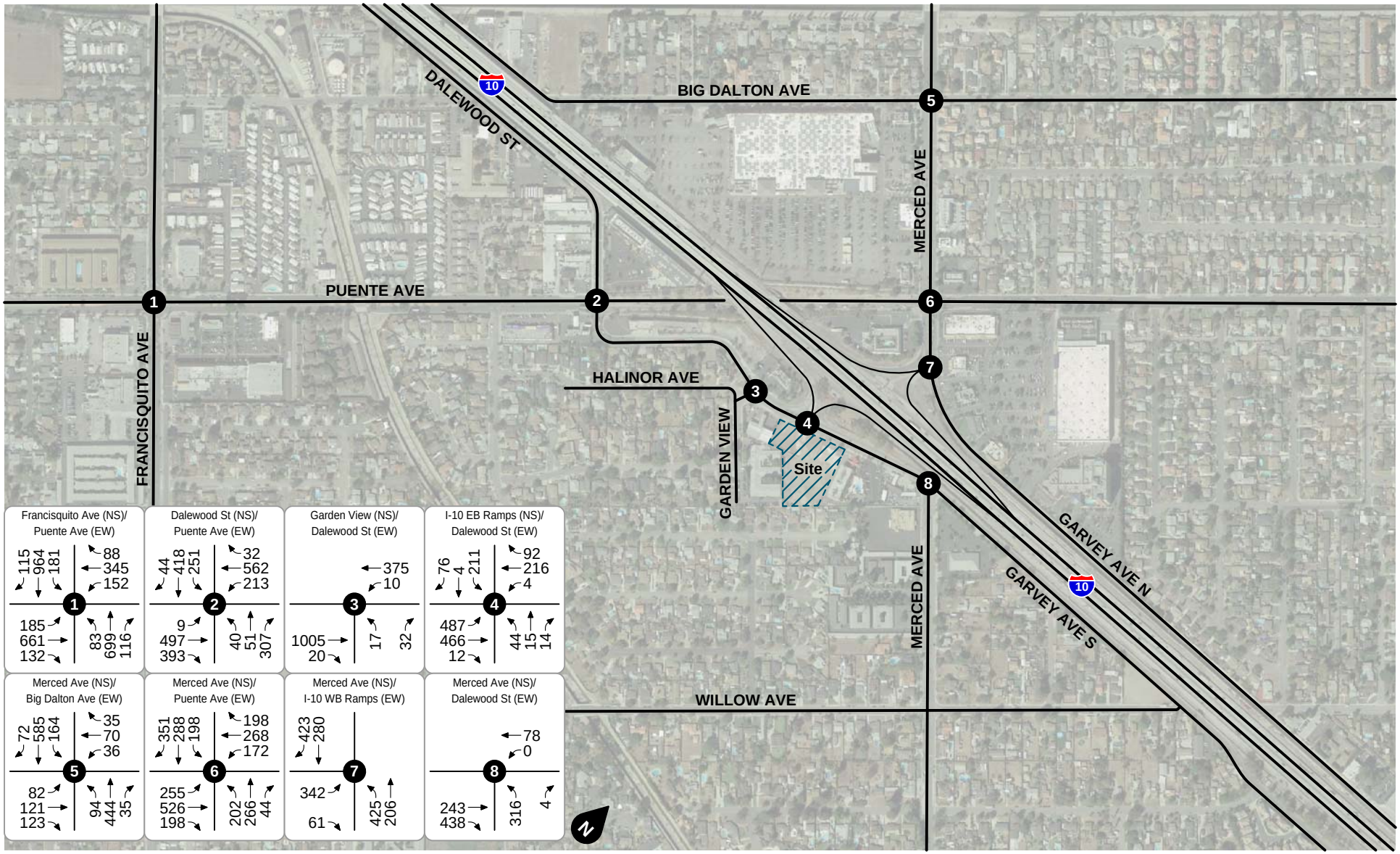
Figure 23
Opening Year (2024) Without Project
PM Peak Hour Intersection Turning Movement Volumes



Legend

Study Intersection

Figure 24
Opening Year (2024) With Project
AM Peak Hour Intersection Turning Movement Volumes



Legend

Study Intersection

Figure 25
Opening Year (2024) With Project
PM Peak Hour Intersection Turning Movement Volumes

6. FUTURE OPERATIONAL ANALYSIS

Detailed intersection Level of Service calculation worksheets for each of the following analysis scenarios are provided in Appendix D.

EXISTING PLUS PROJECT

Intersection Levels of Service

The intersection Levels of Service for Existing Plus Project conditions, without and with mitigation, are shown in Table 4. As shown in Table 4, the study intersections are projected to operate within acceptable Levels of Service (D or better) during the peak hours for Existing Plus Project conditions without mitigation, with the exception of the following study intersection that is forecast to operate at Levels of Service E/F:

- Dalewood Street at Puente Avenue - #2 (PM peak hour)
- Merced Avenue at Dalewood Street-Garvey Avenue - #8 (AM/PM peak hour)

Significant Impact Evaluation

Table 5 evaluates the project impact at the study intersections for Existing Plus Project conditions. As shown in Table 5, the proposed project is forecast to result in a significant traffic impact at the following study intersections for Existing Plus Project conditions without mitigation based on the established thresholds of significance:

- Dalewood Street at Puente Avenue - #2
- Merced Avenue at Dalewood Street-Garvey Avenue - #8

Mitigation Measure Improvements

The intersection of Dalewood Street at Puente Avenue operates at an unacceptable LOS under both Existing (2020) conditions and Existing Plus Project conditions. Therefore, the project shall contribute its fair share cost of the following additional improvement to mitigate project impacts to a less than significant level for Existing Plus Project conditions:

- **Dalewood Street (NS) at Puente Avenue (EW) - #2**
  - Restripe the eastbound approach to consist of one left turn lane, two through lanes, and one exclusive right turn lane.

As previously noted, installation of a traffic signal is currently warranted under Existing (2020) conditions at the intersection of Merced Avenue at Dalewood Street-Garvey Avenue based on the satisfaction of Warrant 3 (Part A) during both the morning and evening peak hours. Therefore, the project shall contribute its fair share cost of the following improvement to mitigate the project impact to a less than significant level for Existing Plus Project conditions:

- **Merced Avenue (NS) at Dalewood Street/Garvey Avenue (EW) - #8**
  - Install a traffic signal.

As shown in Table 5, the proposed project is forecast to result in no significant traffic impacts at the study intersections for Existing Plus Project conditions with mitigation.

OPENING YEAR (2024) WITHOUT PROJECT

Intersection Levels of Service

The intersection Levels of Service for Opening Year (2024) Without Project conditions are shown in Table 6. As shown in Table 6, the study intersections are projected to operate within acceptable Levels of Service (D or better) during the peak hours for Opening Year (2024) Without Project conditions without mitigation, with the exception of the following study intersections that are forecast to operate at Levels of Service E/F:

- Dalewood Street at Puente Avenue - #2 (PM peak hour)
- Merced Avenue at Dalewood Street-Garvey Avenue - #8 (AM/PM peak hour)

OPENING YEAR (2024) WITH PROJECT

Intersection Levels of Service

The intersection Levels of Service for Opening Year (2024) With Project conditions are shown in Table 7. As shown in Table 7, the study intersections are projected to operate within acceptable Levels of Service (D or better) during the peak hours for Opening Year (2024) With Project conditions without mitigation, with the exception of the following study intersections that are forecast to continue to operate at Levels of Service E/F:

- Dalewood Street at Puente Avenue - #2 (PM peak hour)
- Merced Avenue at Dalewood Street-Garvey Avenue - #8 (AM/PM peak hour)

Significant Impact Evaluation

Table 8 evaluates the project impact at the study intersections for Opening Year (2024) With Project conditions. As shown in Table 8, the proposed project is forecast to result in a significant traffic impacts at the following study intersections for Opening Year (2024) With Project traffic conditions without mitigation based on the established thresholds of significance:

- Dalewood Street at Puente Avenue - #2
- Merced Avenue at Dalewood Street-Garvey Avenue - #8

Mitigation Measures

The project shall contribute its fair share cost of the previously listed mitigation measures under Existing Plus Project conditions to mitigate project impacts to a less than significant level for Opening Year (2024) With Project conditions.

As shown in Table 8, the proposed project is forecast to result in no significant traffic impacts at the study intersections for Opening Year (2024) With Project conditions with mitigation.

Table 4
Existing Plus Project Intersection Levels of Service

Intersection	Traffic Control[1]	Intersection Approach Lanes[2]												Peak Hour ICU [Delay]-LOS[3]	
		Northbound			Southbound			Eastbound			Westbound				
		L	T	R	L	T	R	L	T	R	L	T	R	Morning	Evening
Francisquito Avenue (NS) at:															
Puente Avenue (EW) - #1	TS	1	1.5	0.5	1	1.5	0.5	1	2	1	1	2	d	0.698-B	0.747-C
Dalewood Street (NS) at:															
Puente Avenue (EW) - #2	TS	0.5	0.5	d	0.5	0.5	d	1	1.5	0.5	1	1.5	0.5	0.773-C	0.916-E
- With Mitigation	TS	0.5	0.5	d	0.5	0.5	d	1	2	**1**	1	1.5	0.5	0.773-C	0.889-D
Garden View Lane (NS) at:															
Dalewood Street (EW) - #3	CSS	0.5	0	0.5	0	0	0	0	0.5	0.5	0.5	0.5	0	[22.6]-C	[25.9]-D
I-10 EB Ramps (NS) at:															
Dalewood Street (EW) - #4	TS	0	<1>	0	1.5	**0.5**	1	1	1.5	0.5	0.5	0.5	1	[44.1]-D	[37.0]-D
Merced Avenue (NS) at:															
Big Dalton Avenue (EW) - #5	AWS	1	1.5	0.5	1	1.5	0.5	0.5	0.5	1	0	<1>	0	[24.5]-C	[24.1]-C
Puente Avenue (EW) - #6	TS	2	1	1	1	2	1	1	1.5	0.5	1	1.5	0.5	0.711-C	0.727-C
I-10 WB Ramps (EW) - #7	TS	1	1	0	0	1	1>>	1	0	1	0	0	0	[17.6]-B	[22.4]-C
Dalewood Street/Garvey Avenue (EW) - #8	AWS	1	0	1	0	0	0	0	0.5	0.5	0.5	0.5	0	[74.6]-F	[39.2]-E
- With Mitigation	**TS**	1	0	1	0	0	0	0	0.5	0.5	0.5	0.5	0	0.685-B	0.758-C

Notes:

(1) TS = Traffic Signal; CSS = Cross Street Stop; AWS = All Way Stop

(2) L = Left; T = Through; R = Right; d = De Facto Right Turn Lane; <1> = Shared Left/Through/Right Lane; > = Right Turn Overlap; >> = Free Right Turn Lane

(3) ICU = Intersection Capacity Utilization; Delay shown in [seconds/vehicle]; LOS = Level of Service; [Delay]-LOS is reported for intersections under the California Department of Transportation jurisdiction. Per the Highway Capacity Manual, overall average intersection delay and LOS are shown for intersections with traffic signal or all way stop control. For intersections with cross street stop control, Level of Service is based on average delay of the worst individual lane (or movements sharing a lane).

Table 5
Existing Plus Project Significant Impact Evaluation

Signalized Intersections							
	Peak Hour ICU [Delay]-LOS[1]				Change in ICU/Delay		
	Without Project		With Project				Significant Impact?
Intersection	Morning	Evening	Morning	Evening	Morning Peak Hour	Evening Peak Hour	
Francisquito Avenue (NS) at:							
Puente Avenue (EW) - #1	0.694-B	0.744-C	0.698-B	0.747-C	+0.004	+0.003	No
Dalewood Street (NS) at:							
Puente Avenue (EW) - #2	0.748-C	0.901-E	0.773-C	0.916-E	+0.025	**+0.015**	**Yes**
- With Mitigation	-	-	0.773-C	0.889-D	+0.025	-0.012	No
I-10 EB Ramps (NS) at:							
Dalewood Street (EW) - #4	[23.6]-C	[16.1]-B	[44.1]-D	[37.0]-D	+20.5	+20.9	No
Merced Avenue (NS) at:							
Puente Avenue (EW) - #6	0.699-B	0.720-C	0.711-C	0.727-C	+0.012	+0.007	No
I-10 WB Ramps (EW) - #7	[17.2]-B	[21.5]-C	[17.6]-B	[22.4]-C	+0.4	+0.9	No
Dalewood Street/Garvey Avenue (EW) - #8	n/a[2]	n/a	n/a	n/a	n/a	n/a	n/a
- With Mitigation	n/a	n/a	0.685-B	0.758-C	n/a	n/a	No

Unsignalized Intersections							
	Peak Hour Delay-LOS						
	Without Project		With Project				Significant Impact?
Intersection	Morning	Evening	Morning	Evening	Acceptable LOS?	Traffic Signal Warranted?	
Garden View Lane (NS) at:							
Dalewood Street (EW) - #3	20.9-C	24.7-C	22.6-C	25.9-D	Yes	-	No
Merced Avenue (NS) at:							
Big Dalton Avenue (EW) - #5	24.2-C	23.9-C	24.5-C	24.1-C	Yes	-	No
Dalewood Street/Garvey Avenue (EW) - #8	69.6-F	35.2-E	74.6-F	39.2-E	No	Yes	**Yes**

Notes:

(1) ICU = Intersection Capacity Utilization; Delay shown in [seconds/vehicle]; LOS = Level of Service; see Tables 1 and 4.

(2) n/a = not applicable; proposed mitigation to install a traffic signal applies to "With Project" conditions.

Table 6
Opening Year (2024) Without Project Intersection Levels of Service

Intersection	Traffic Control[1]	Intersection Approach Lanes[2]												Peak Hour ICU [Delay]-LOS[3]	
		Northbound			Southbound			Eastbound			Westbound				
		L	T	R	L	T	R	L	T	R	L	T	R	Morning	Evening
Francisquito Avenue (NS) at:															
Puente Avenue (EW) - #1	TS	1	1.5	0.5	1	1.5	0.5	1	2	1	1	2	d	0.735-C	0.788-C
Dalewood Street (NS) at:															
Puente Avenue (EW) - #2	TS	0.5	0.5	d	0.5	0.5	d	1	1.5	0.5	1	1.5	0.5	0.778-C	0.939-E
Garden View Lane (NS) at:															
Dalewood Street (EW) - #3	CSS	0.5	0	0.5	0	0	0	0	0.5	0.5	0.5	0.5	0	[22.2]-C	[26.8]-D
I-10 EB Ramps (NS) at:															
Dalewood Street (EW) - #4	TS	0	<1>	0	2	0	1	1	1.5	0.5	0.5	0.5	1	[25.1]-C	[16.5]-B
Merced Avenue (NS) at:															
Big Dalton Avenue (EW) - #5	AWS	1	1.5	0.5	1	1.5	0.5	0.5	0.5	1	0	<1>	0	[29.2]-D	[29.0]-D
Puente Avenue (EW) - #6	TS	2	1	1	1	2	1	1	1.5	0.5	1	1.5	0.5	0.733-C	0.755-C
I-10 WB Ramps (EW) - #7	TS	1	1	0	0	1	1>>	1	0	1	0	0	0	[19.0]-B	[24.2]-C
Dalewood Street/Garvey Avenue (EW) - #8	AWS	1	0	1	0	0	0	0	0.5	0.5	0.5	0.5	0	[82.8]-F	[44.8]-E

Notes:

(1) TS = Traffic Signal; CSS = Cross Street Stop; AWS = All Way Stop

(2) L = Left; T = Through; R = Right; d = De Facto Right Turn Lane; <1> = Shared Left/Through/Right Lane; > = Right Turn Overlap; >> = Free Right Turn Lane

(3) ICU = Intersection Capacity Utilization; Delay shown in [seconds/vehicle]; LOS = Level of Service; [Delay]-LOS is reported for intersections under the California Department of Transportation jurisdiction. Per the Highway Capacity Manual, overall average intersection delay and LOS are shown for intersections with traffic signal or all way stop control. For intersections with cross street stop control, Level of Service is based on average delay of the worst individual lane (or movements sharing a lane).

Table 7
Opening Year (2024) With Project Intersection Levels of Service

Intersection	Traffic Control[1]	Intersection Approach Lanes[2]												Peak Hour ICU [Delay]-LOS[3]	
		Northbound			Southbound			Eastbound			Westbound				
		L	T	R	L	T	R	L	T	R	L	T	R	Morning	Evening
Francisquito Avenue (NS) at:															
Puente Avenue (EW) - #1	TS	1	1.5	0.5	1	1.5	0.5	1	2	1	1	2	d	0.740-C	0.791-C
Dalewood Street (NS) at:															
Puente Avenue (EW) - #2	TS	0.5	0.5	d	0.5	0.5	d	1	1.5	0.5	1	1.5	0.5	0.803-D	0.954-E
- With Mitigation	TS	0.5	0.5	d	0.5	0.5	d	1	2	**1**	1	1.5	0.5	0.801-D	0.922-E
Garden View Lane (NS) at:															
Dalewood Street (EW) - #3	CSS	0.5	0	0.5	0	0	0	0	0.5	0.5	0.5	0.5	0	[24.1]-C	[28.3]-D
I-10 EB Ramps (NS) at:															
Dalewood Street (EW) - #4	TS	0	<1>	0	1.5	**0.5**	1	1	1.5	0.5	0.5	0.5	1	[48.9]-D	[39.8]-D
Merced Avenue (NS) at:															
Big Dalton Avenue (EW) - #5	AWS	1	1.5	0.5	1	1.5	0.5	0.5	0.5	1	0	<1>	0	[30.1]-D	[29.3]-D
Puente Avenue (EW) - #6	TS	2	1	1	1	2	1	1	1.5	0.5	1	1.5	0.5	0.745-C	0.762-C
I-10 WB Ramps (EW) - #7	TS	1	1	0	0	1	1>>	1	0	1	0	0	0	[19.3]-B	[25.5]-C
Dalewood Street/Garvey Avenue (EW) - #8	AWS	1	0	1	0	0	0	0	0.5	0.5	0.5	0.5	0	[88.2]-F	[48.7]-E
- With Mitigation	**TS**	1	0	1	0	0	0	0	0.5	0.5	0.5	0.5	0	0.709-C	0.784-C

Notes:

(1) TS = Traffic Signal; CSS = Cross Street Stop; AWS = All Way Stop

(2) L = Left; T = Through; R = Right; d = De Facto Right Turn Lane; <1> = Shared Left/Through/Right Lane; > = Right Turn Overlap; >> = Free Right Turn Lane

(3) ICU = Intersection Capacity Utilization; Delay shown in [seconds/vehicle]; LOS = Level of Service; [Delay]-LOS is reported for intersections under the California Department of Transportation jurisdiction. Per the Highway Capacity Manual, overall average intersection delay and LOS are shown for intersections with traffic signal or all way stop control. For intersections with cross street stop control, Level of Service is based on average delay of the worst individual lane (or movements sharing a lane).

Table 8
Opening Year (2024) Significant Impact Evaluation

Signalized Intersections							
	Peak Hour ICU [Delay]-LOS[1]				Change in ICU/Delay		Significant Impact?
	Without Project		With Project				
Intersection	Morning	Evening	Morning	Evening	Morning Peak Hour	Evening Peak Hour	
Francisquito Avenue (NS) at:							
Puente Avenue (EW) - #1	0.735-C	0.788-C	0.740-C	0.791-C	+0.005	+0.003	No
Dalewood Street (NS) at:							
Puente Avenue (EW) - #2	0.778-C	0.939-E	0.803-D	0.954-E	+0.025	**+0.015**	**Yes**
- With Mitigation	-	-	0.801-D	0.922-E	+0.023	-0.017	No
I-10 EB Ramps (NS) at:							
Dalewood Street (EW) - #4	[25.1]-C	[16.5]-B	[48.9]-D	[39.8]-D	+23.8	+23.3	No
Merced Avenue (NS) at:							
Puente Avenue (EW) - #6	0.733-C	0.755-C	0.745-C	0.762-C	+0.012	+0.007	No
I-10 WB Ramps (EW) - #7	[19.0]-B	[24.2]-C	[19.3]-B	[25.5]-C	+0.3	+1.3	No
Dalewood Street/Garvey Avenue (EW) - #8	n/a[2]	n/a	n/a	n/a	n/a	n/a	n/a
- With Mitigation	n/a	n/a	0.709-C	0.784-C	n/a	n/a	No

Unsignalized Intersections							
	Peak Hour Delay-LOS						Significant Impact?
	Without Project		With Project		Acceptable LOS?	Traffic Signal Warranted?	
Intersection	Morning	Evening	Morning	Evening			
Garden View Lane (NS) at:							
Dalewood Street (EW) - #3	22.2-C	26.8-D	24.1-C	28.3-D	Yes	-	No
Merced Avenue (NS) at:							
Big Dalton Avenue (EW) - #5	29.2-D	29.0-D	30.1-D	29.3-D	Yes	-	No
Dalewood Street/Garvey Avenue (EW) - #8	82.8-F	44.8-E	88.2-F	48.7-E	No	Yes	**Yes**

Notes:

(1) ICU = Intersection Capacity Utilization; Delay shown in [seconds/vehicle]; LOS = Level of Service; see Tables 7 and 8.

(2) n/a = not applicable; proposed mitigation to install a traffic signal applies to "With Project" conditions.

7. CONGESTION MANAGEMENT PROGRAM

CONGESTION MANAGEMENT PROGRAM SCREENING FILTER

In accordance with the 2010 Los Angeles County Congestion Management Program, the following criteria are used to determine if a Congestion Management Program monitored facility requires analysis for potential project-related transportation impacts:

- All Congestion Management Program arterial monitoring intersections, including monitored freeway on- or off-ramp intersections, where the proposed project will add 50 or more trips during either the morning or evening weekday peak hours;

- Mainline freeway monitoring locations where the project will 150 or more trips, in either direction, during either the morning or evening weekday peak hours.

The proposed project is not forecast to contribute 50 or more trips to a Congestion Management Program monitored intersection, nor is the project forecast to contribute 150 or more trips to any freeway mainline monitoring locations during the morning or evening peak hours. Therefore, further Congestion Management Program intersection analysis is not required.

CONGESTION MANAGEMENT PROGRAM TRANSIT IMPACT REVIEW

The Congestion Management Program requires documentation of existing transit services in the project vicinity and estimation of the number of trips assigned to transit.

As previously shown, Figure 5 and Figure 6 show the existing transit route maps for the Baldwin Park Transit service and Foothill Transit service, respectively. As shown on Figure 5, the Baldwin Park Transit runs along Puente Avenue with bus stops located within 1/4-mile walking distance from the project site. As shown on Figure 6, Foothill Transit Routes 272 and 274 run along Dalewood Street and Puente Avenue, respectively, with bus stops located within 1/4-mile walking distance from the project site.

Table 9 shows the transit trip analysis in accordance with the Congestion Management Program requirements. The number of project trips assigned to transit is derived by converting the project generated vehicle trips (see Table 2) to person trips and applying the transit factors in accordance with the Congestion Management Program guidelines. Since there is fixed route service, but no Congestion Management Program transit corridors within one quarter mile of the project site, the default factor of 3.5% of total person trips generated was used to determine the number of trips assigned to transit.

As shown in Table 9, the proposed project is forecast to generate approximately 40 daily transit trips, including 5 transit trip during the morning peak hour and 5 transit trips during the evening peak hour. Based on the existing transit services available in the project vicinity and the number of transit trips forecast to be generated, the proposed project is forecast to have a nominal impact on transit service.

Table 9
Congestion Management Program Transit Trips Analysis

Project Trip Generation		Vehicle to Person Trips Factor[1]	Percent of Total Person Trips[1]	Trips Generated						
				Morning Peak Hour			Evening Peak Hour			
				In	Out	Total	In	Out	Total	Daily
Vehicle Trip Generation[2]	Passenger Cars			84	16	100	20	73	93	817
Transit Trip Generation[3]	Person Trips Generated	1.4	-	118	22	140	28	102	130	1,144
	Transit Trips Generated	-	3.5%	4	1	5	1	4	5	40

Notes:

(1) Source: Los Angeles County Metropolitan Transportation Authority, 2010 Congestion Management Program, Appendix D - Section D.8.4.

(2) See Table 2.

(3) Transit trip generation is only calculated for non-freight trips (i.e., passenger cars only).

8. STATE HIGHWAY ANALYSIS

SITE ACCESS REVIEW

The project site access is proposed to align with the I-10 Eastbound On/Off Ramps. Conceptual alignment and design was reviewed by California Department of Transportation (Caltrans) staff from the District 7 Office of Transportation Planning to ensure proof of concept. Final design details will be further reviewed by Caltrans during the encroachment permit process. The proposed project shall also be conditioned to provide a construction management plan.

INTERSECTION ANALYSIS

As previously shown in Table 5 and Table 8, the proposed project is forecast to result in no significant traffic impacts at the State Highway study intersections of the I-10 Freeway Eastbound Ramps at Dalewood Street and the I-10 Freeway Westbound Ramps at Merced Avenue for Existing Plus Project or Opening Year With Project traffic conditions.

OFF-RAMP QUEUING ANALYSIS

Table 10 summarizes the State Highway off-ramp queuing analysis based on the forecast queue lengths reported in the delay calculation worksheets (see Appendix D). As shown in Table 10, adequate storage length is provided at the State Highway study intersection off-ramps for the evaluated scenarios. Therefore, the proposed project is forecast to result in no significant traffic impacts at the State Highway study intersection off-ramps for the evaluated scenarios.

Table 10
State Highway Off-Ramp Queuing Analysis

Intersection	Peak Hour	Lane[1]	Queue Length/Distance (Feet)						Adequate Off Ramp Storage Provided?
			Designated Turning Lane Storage Length	95th Percentile Queue Length[2]	Queue Length Exceeding Turning Lane Storage[3]	Sum of Queue Lengths Exceeding Turning Lane Storage	Distance From End of Designated Lane to Gore Point	Off-Ramp Storage Length Remaining	
I-10 EB Off-Ramp at Dalewood Street	Morning	SBL	360	175	0	0	340	340	Yes
		SBL/R	360	150	0				
	Evening	SBL	360	150	0	0	340	340	Yes
		SBL/R	360	100	0				
I-10 WB Off-Ramp at Merced Avenue	Morning	EBL	215	100	0	0	560	560	Yes
		EBR	215	25	0				
	Evening	EBL	215	250	35	35	560	525	Yes
		EBR	215	50	0				

Notes:

(1) SB = Southbound; NB = Northbound; L = Left; T = Through; R = Right

(2) Based on 25 feet of queue length per vehicle for Opening Year With Project traffic conditions; rounded up to nearest 25 feet.

(3) Peak hour queue length minus designated turning lane storage length.

9. COMPLIANCE WITH LIVING/COMPLETE/GREEN STREETS POLICY

As requested by City of Baldwin Park staff, this section addresses the proposed project's compliance with the Model Design Manual for Living Streets, Complete Streets Policy, and Green Streets Policy. These manuals and policy documents generally aim to design streets that add value and livability, and accommodate all roadway users and modes, while minimizing environmental impacts.

MODEL DESIGN MANUAL FOR LIVING STREETS

The Model Design Manual for Living Streets (Los Angeles County, 2011) provides design guidance for street networks, traveled way, intersections, pedestrian access, pedestrian crossings, bikeway design, transit accommodations, traffic calming, and streetscape ecosystem. In addition to street design, the Model Design Manual for Living Streets also considers other issues related to economic vibrancy, equity, sustainability, aesthetics, and more. The manual was developed for Los Angeles County, but is available for any jurisdiction to adopt, customize, or modify as needed.

Since the City of Baldwin Park is generally built out, most of the applicable guidance in the Model Design Manual for Living Streets can be found in the section regarding retrofitting. To improve street quality, the following options should be considered where applicable:

- Reduce travel lane widths to 10 or 11 feet
- Eliminate unnecessary travel lanes
- Paint bike lanes
- Add sidewalks
- Add raised medians to visually narrow the roadway
- Add median and sidewalk landscaping to visually narrow the roadway
- Add or retain curbside parking to provide traffic calming effect
- Add bulb outs to shorten pedestrian crossing distances

The following non-physical changes should also be considered:

- Adjust signal timing to ensure comfortable pedestrian crossing times
- Work with transit agencies to improve bus operations
- Work with schools to develop Safe Routes to School program
- Reexamine the parking code (for example off-street parking requirements may be reduced, especially in coordination with additional on-street parking)

COMPLETE STREETS

Complete Streets and Living Streets are closely related. A Complete Street is designed with the goal of providing safe and comfortable travel for all users of the roadway, regardless of age, ability, and mode of travel. Taking context into consideration, a successful Complete Streets policy will balance the needs of the various modes of travel. For example, an area with high pedestrian volumes should emphasize pedestrian safety with improvements such as sidewalks and high visibility crossings. An industrial area with low pedestrian volumes may not require robust bicycle and pedestrian improvements, but should still take these modes of travel into consideration. Since most roadways have traditionally focused on vehicular capacity, the greatest opportunities for Complete Streets improvements are typically found in enhancements for bicycle, pedestrian, and transit facilities.

GREEN STREETS

Green Streets policies aim to mitigate the environmental impact of a project by focusing on bicycle, pedestrian, transit, and water conservation improvements, each of which contribute to Complete Streets and Living Streets. Street calming improvements such as landscaped medians and traffic circles serve a dual purpose making bicycling and walking more comfortable and reducing storm water runoff. Other Complete Street improvements also contribute to Green Streets by improving transportation facilities for non-automotive or high-occupancy modes of travel.

RECOMMENDATIONS FOR LIVING/COMPLETE/GREEN STREET COMPLIANCE

Living/Complete/Green Streets recommendations are depicted on Figure 26.

Add curb adjacent landscaping on Dalewood Street within parkway along project site frontage.

Minimize no parking zones on Dalewood Street along the project site frontage. The California Manual on Uniform Traffic Control Devices (2014 Update) requires the no parking zone to be 30 feet upstream and 20 feet down stream of a signalized intersection.

Coordinate with Foothill Transit to provide bus bench and/or shelter at the transit stop located directly adjacent to the project site.

Provide preferential carpool/rideshare parking spaces at the parking spaces closest to the building entrances.

Implementation of the following recommendations will help support the request for reduced off-street parking discussed in the following section.

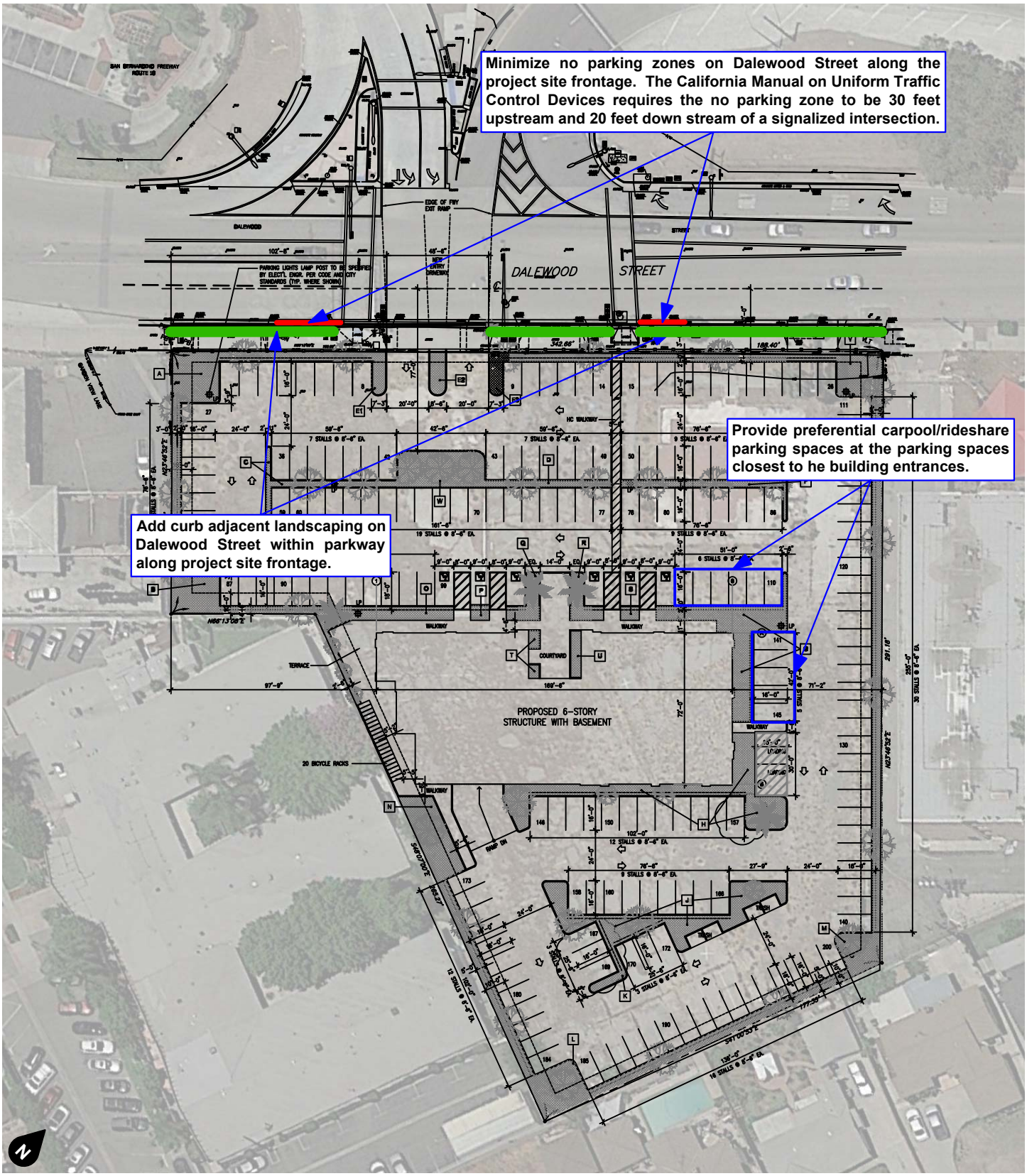


Figure 26
Living/Complete/Green Streets Recommendations

10. PARKING ANALYSIS

MUNICIPAL CODE OFF-STREET PARKING REQUIREMENTS

The City of Baldwin Park Municipal Code (Section 153.150) states the number of off-street parking spaces required for the following land uses:

- General office: 1 parking space per 250 square feet of building area
- Medical/dental office: 1 parking space per 200 square feet of building area
- General retail: 1 parking space per 250 square feet of building area

Table 11 shows the number of off-street parking spaces required for the proposed project based on the City of Baldwin Park Municipal Code. As shown in Table 11, the proposed project is required to provide 183 off-street parking spaces per the City of Baldwin Park Municipal Code. Based on the 221 parking spaces provided, the proposed project provides sufficient off-street parking.

Table 11
Municipal Code Off-Street Parking Requirements

Land Use	Off-Street Parking Requirement[1]	Quantity	Units[2]	Number of Parking Spaces
General Office	1 parking space per 250 square feet of building area	37,593	SF	150
Medical/Dental Office	1 parking space per 200 square feet of building area	5,612	SF	28
General Retail	1 parking space per 250 square feet of building area	1,200	SF	5
Total Number of Off-Street Parking Spaces Required				183

Notes:

(1) Source: City of Baldwin Park Munipcal Code, Section 153.150 - Off-Street Parking and Loading.

(2) SF = Square Feet (Leasable)

11. CONCLUSIONS

OFF-SITE MITIGATION MEASURES

Installation of a traffic signal is currently warranted under Existing (2020) conditions at the intersection of Merced Avenue at Dalewood Street-Garvey Avenue based on the satisfaction of Warrant 3 (Part A) during both the morning and evening peak hours. Therefore, the project shall contribute its fair share cost of the following improvement to mitigate the project impact to a less than significant level for Existing Plus Project conditions:

- **Merced Avenue (NS) at Dalewood Street/Garvey Avenue (EW) - #8**
  - Install a traffic signal.

The project shall contribute its fair share cost of the following additional improvement to mitigate cumulative project impacts to a less than significant level for Opening Year (2024) With Project conditions:

- **Dalewood Street (NS) at Puente Avenue (EW) - #2**
  - Restripe the eastbound approach to consist of one left turn lane, two through lanes, and one exclusive right turn lane.

The proposed project is forecast to result in no significant traffic impacts at the study intersections for the scenarios evaluated with mitigation.

PROJECT DESIGN FEATURES

This analysis assumes the following improvements will be constructed by the project to provide project site access:

Project Driveway/I-10 Eastbound Ramps (NS) at Dalewood Street (EW) - #4

- Construct the northbound approach to consist of one shared left/through/right turn lane.
- Restripe the number two southbound left turn lane to a shared through/left turn lane.
- Modify the traffic signal phasing to provide split phasing on northbound/southbound and eastbound/westbound approaches.
- Prohibit right turns on red at northbound and eastbound approaches.

CIRCULATION RECOMMENDATIONS

Site-specific circulation and access recommendations are depicted on Figure 27.

The project shall provide a construction management plan as part of the standard conditions of approval.

Construct Dalewood Street along the project site boundary at its ultimate half-section width, including landscaping and parkway improvements in conjunction with development, or as otherwise approved by the City of Baldwin Public Works Department.

All on-site and site-adjacent improvements, including traffic signing/striping and project driveways, should be constructed as approved by the City of Baldwin Park Public Works Department.

Sight distance at project access points should comply with applicable City of Baldwin Park/California Department of Transportation sight distance standards. The final grading, landscaping, and street improvement plans should demonstrate that sight distance standards are met.

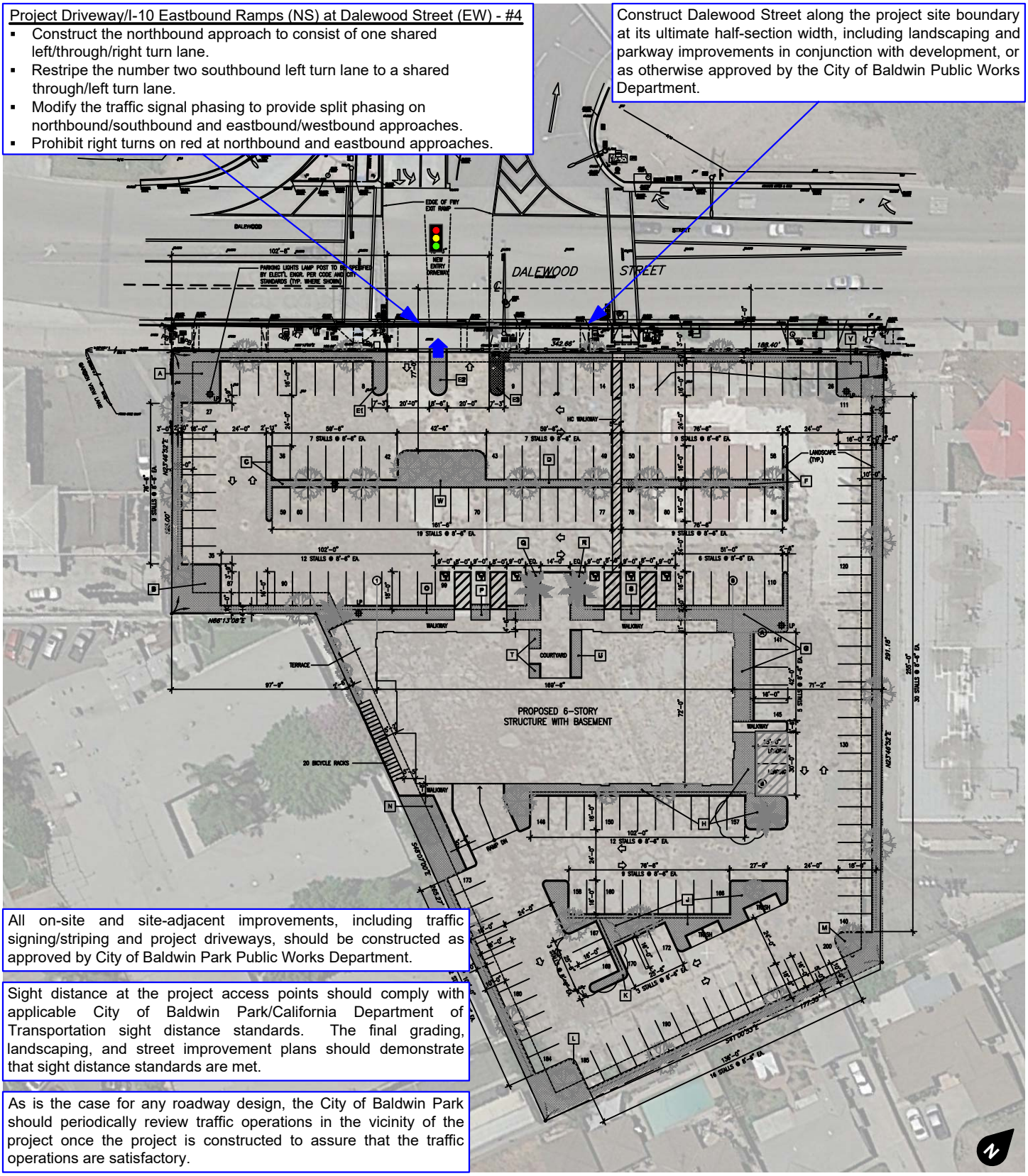


Figure 27
Circulation Recommendations

APPENDICES

Appendix A Glossary

Appendix B Intersection Turning Movement Count Worksheets

Appendix C Average Daily Traffic Volumes

Appendix D Intersection Level of Service Worksheets

Appendix E Traffic Signal Warrant Worksheets

APPENDIX A

GLOSSARY

GLOSSARY OF TERMS

ACRONYMS

AC	Acres
ADT	Average Daily Traffic
Caltrans	California Department of Transportation
DU	Dwelling Unit
ICU	Intersection Capacity Utilization
LOS	Level of Service
TSF	Thousand Square Feet
V/C	Volume/Capacity
VMT	Vehicle Miles Traveled

TERMS

AVERAGE DAILY TRAFFIC: The average 24-hour volume for a stated period divided by the number of days in that period. For example, Annual Average Daily Traffic is the total volume during a year divided by 365 days.

BANDWIDTH: The number of seconds of green time available for through traffic in a signal progression.

BOTTLENECK: A point of constriction along a roadway that limits the amount of traffic that can proceed downstream from its location.

CAPACITY: The maximum number of vehicles that can be reasonably expected to pass over a given section of a lane or a roadway in a given time period.

CHANNELIZATION: The separation or regulation of conflicting traffic movements into definite paths of travel by the use of pavement markings, raised islands, or other suitable means to facilitate the safe and orderly movements of both vehicles and pedestrians.

CLEARANCE INTERVAL: Nearly same as yellow time. If there is an all red interval after the end of a yellow, then that is also added into the clearance interval.

CONTROL DELAY: The component of delay, typically expressed in seconds per vehicle, resulting from the type of traffic control at an intersection. Control delay is measured by comparison with the uncontrolled condition; it includes delay incurred by slowing down, stopping/waiting, and speeding up.

CORDON: An imaginary line around an area across which vehicles, persons, or other items are counted (in and out).

CORNER SIGHT DISTANCE: The minimum sight distance required by the driver of a vehicle to cross or enter the lanes of the major roadway without requiring approaching traffic travelling at a given speed to radically alter their speed or trajectory. Corner sight distance is measured from the driver's eye at 42 inches above the pavement to an object height of 36 inches above the pavement in the center of the nearest approach lane.

CYCLE LENGTH: The time period in seconds required for a traffic signal to complete one full cycle of indications.

CUL-DE-SAC: A local street open at one end only and with special provisions for turning around.

DAILY CAPACITY: A theoretical value representing the daily traffic volume that will typically result in a peak hour volume equal to the capacity of the roadway.

DELAY: The time consumed while traffic is impeded in its movement by some element over which it has no control, usually expressed in seconds per vehicle.

DEMAND RESPONSIVE SIGNAL: Same as traffic-actuated signal.

DENSITY: The number of vehicles occupying in a unit length of the through traffic lanes of a roadway at any given instant. Usually expressed in vehicles per mile.

DETECTOR: A device that responds to a physical stimulus and transmits a resulting impulse to the signal controller.

DESIGN SPEED: A speed selected for purposes of design. Features of a highway, such as curvature, superelevation, and sight distance (upon which the safe operation of vehicles is dependent) are correlated to design speed.

DIRECTIONAL SPLIT: The percent of traffic in the peak direction at any point in time.

DIVERSION: The rerouting of peak hour traffic to avoid congestion.

FORCED FLOW: Opposite of free flow.

FREE FLOW: Volumes are well below capacity. Vehicles can maneuver freely and travel is unimpeded by other traffic.

GAP: Time or distance between successive vehicles in a traffic stream, rear bumper to front bumper.

HEADWAY: Time or distance spacing between successive vehicles in a traffic stream, front bumper to front bumper.

INTERCONNECTED SIGNAL SYSTEM: A number of intersections that are connected to achieve signal progression.

LEVEL OF SERVICE: A qualitative measure of a number of factors, which include speed and travel time, traffic interruptions, freedom to maneuver, safety, driving comfort and convenience, and operating costs.

LOOP DETECTOR: A vehicle detector consisting of a loop of wire embedded in the roadway, energized by alternating current and producing an output circuit closure when passed over by a vehicle.

MINIMUM ACCEPTABLE GAP: Smallest time headway between successive vehicles in a traffic stream into which another vehicle is willing and able to cross or merge.

MULTI-MODAL: More than one mode; such as automobile, bus transit, rail rapid transit, and bicycle transportation modes.

OFFSET: The time interval in seconds between the beginning of green at one intersection and the beginning of green at an adjacent intersection.

PLATOON: A closely grouped component of traffic that is composed of several vehicles moving, or standing ready to move, with clear spaces ahead and behind.

PASSENGER CAR EQUIVALENT (PCE): A metric used to assess the impact of larger vehicles, such as trucks, recreational vehicles, and buses, by converting the traffic volume of larger vehicles to an equivalent number of passenger cars.

PEAK HOUR: The 60 consecutive minutes with the highest number of vehicles.

PRETIMED SIGNAL: A type of traffic signal that directs traffic to stop and go on a predetermined time schedule without regard to traffic conditions. Also, fixed time signal.

PROGRESSION: A term used to describe the progressive movement of traffic through several signalized intersections.

QUEUE: The number of vehicles waiting at a service area such as a traffic signal, stop sign, or access gate.

QUEUE LENGTH: The length of vehicle queue, typically expressed in feet, waiting at a service area such as a traffic signal, stop sign, or access gate.

SCREEN-LINE: An imaginary line or physical feature across which all trips are counted, normally to verify the validity of mathematical traffic models.

SHARED/RECIPROCAL PARKING AGREEMENT: A written binding document executed between property owners to provide a designated number of off-street parking stalls within a designated area to be available for specified businesses or land uses.

SIGHT DISTANCE: The continuous length of roadway visible to a driver or roadway user.

SIGNAL CYCLE: The time period in seconds required for one complete sequence of signal indications.

SIGNAL PHASE: The part of the signal cycle allocated to one or more traffic movements.

STACKING DISTANCE: The length of area available behind a service area, such as a traffic signal or gate, for vehicle queueing to occur.

STARTING DELAY: The delay experienced in initiating the movement of queued traffic from a stop to an average running speed through an intersection.

STOPPING SIGHT DISTANCE: The minimum distance required by the driver of a vehicle on the major roadway travelling at a given speed to bring the vehicle to a stop after an object on the road becomes visible. Stopping sight distance is measured from the driver's eye at 42 inches above the pavement to an object height of 6 inches above the pavement.

TRAFFIC-ACTUATED SIGNAL: A type of traffic signal that directs traffic to stop and go in accordance with the demands of traffic, as registered by the actuation of detectors.

TRIP: The movement of a person or vehicle from one location (origin) to another (destination). For example, from home to store to home is two trips, not one.

TRIP-END: One end of a trip at either the origin or destination (i.e., each trip has two trip-ends). A trip-end occurs when a person, object, or message is transferred to or from a vehicle.

TRIP GENERATION RATE: The quantity of trips produced and/or attracted by a specific land use stated in of terms such as per dwelling, per acre, and per 1,000 square feet of floor space.

TRUCK: A vehicle having dual tires on one or more axles, or having more than two axles.

TURNING RADIUS: The circular arc formed by the smallest turning path radius of the front outside tire of a vehicle, such as that performed by a U-turn maneuver. This is based on the length and width of the wheel base as well as the steering mechanism of the vehicle.

UNBALANCED FLOW: Heavier traffic flow in one direction than the other. On a daily basis, most facilities have balanced flow. During the peak hours, flow is seldom balanced in an urban area.

VEHICLE MILES OF TRAVEL: A measure of the amount of usage of a section of highway, obtained by multiplying the average daily traffic by length of facility in miles.

APPENDIX B

INTERSECTION TURNING MOVEMENT COUNT WORKSHEETS

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Francisquito Avenue
E/W: Puente Avenue
Weather: Clear

File Name : 01_BPK_Francisquito_Puente AM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 1

Groups Printed- Total Volume

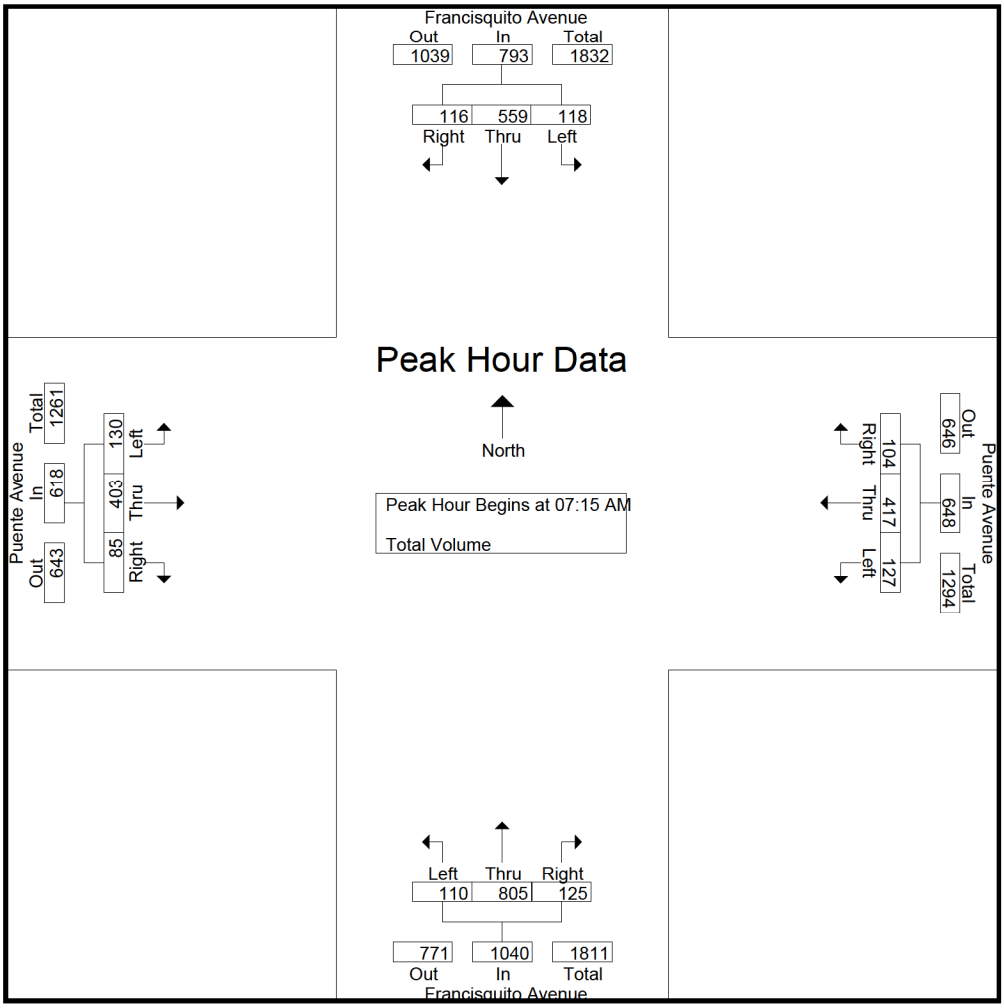
	Francisquito Avenue Southbound				Puente Avenue Westbound				Francisquito Avenue Northbound				Puente Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	18	128	10	156	23	93	23	139	18	211	23	252	16	63	12	91	638
07:15 AM	32	129	18	179	27	96	21	144	13	221	27	261	20	87	14	121	705
07:30 AM	30	163	31	224	38	120	28	186	24	207	28	259	32	100	30	162	831
07:45 AM	29	165	35	229	36	116	28	180	34	196	40	270	29	111	21	161	840
Total	109	585	94	788	124	425	100	649	89	835	118	1042	97	361	77	535	3014
08:00 AM	27	102	32	161	26	85	27	138	39	181	30	250	49	105	20	174	723
08:15 AM	31	115	19	165	39	106	17	162	27	178	19	224	28	84	11	123	674
08:30 AM	27	126	15	168	14	84	15	113	29	174	25	228	28	76	9	113	622
08:45 AM	21	141	21	183	34	88	17	139	17	170	19	206	28	62	12	102	630
Total	106	484	87	677	113	363	76	552	112	703	93	908	133	327	52	512	2649
Grand Total	215	1069	181	1465	237	788	176	1201	201	1538	211	1950	230	688	129	1047	5663
Apprch %	14.7	73	12.4		19.7	65.6	14.7		10.3	78.9	10.8		22	65.7	12.3		
Total %	3.8	18.9	3.2	25.9	4.2	13.9	3.1	21.2	3.5	27.2	3.7	34.4	4.1	12.1	2.3	18.5	

	Francisquito Avenue Southbound				Puente Avenue Westbound				Francisquito Avenue Northbound				Puente Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	**32**	129	18	179	27	96	21	144	13	**221**	27	261	20	87	14	121	705
07:30 AM	30	163	31	224	**38**	**120**	**28**	**186**	24	207	28	259	32	100	**30**	162	831
07:45 AM	29	**165**	**35**	**229**	36	116	28	180	34	196	**40**	**270**	29	**111**	21	161	**840**
08:00 AM	27	102	32	161	26	85	27	138	**39**	181	30	250	**49**	105	20	**174**	723
Total Volume	118	559	116	793	127	417	104	648	110	805	125	1040	130	403	85	618	3099
% App. Total	14.9	70.5	14.6		19.6	64.4	16		10.6	77.4	12		21	65.2	13.8		
PHF	.922	.847	.829	.866	.836	.869	.929	.871	.705	.911	.781	.963	.663	.908	.708	.888	.922

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Francisquito Avenue
E/W: Puente Avenue
Weather: Clear

File Name : 01_BPK_Francisquito_Puente AM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM				07:30 AM				07:00 AM				07:30 AM			
+0 mins.	**32**	129	18	179	38	**120**	**28**	**186**	18	211	23	252	32	100	**30**	162
+15 mins.	30	163	31	224	36	116	28	180	13	**221**	27	261	29	**111**	21	161
+30 mins.	29	**165**	**35**	**229**	26	85	27	138	24	207	28	259	**49**	105	20	**174**
+45 mins.	27	102	32	161	**39**	106	17	162	**34**	196	**40**	**270**	28	84	11	123
Total Volume	118	559	116	793	139	427	100	666	89	835	118	1042	138	400	82	620
% App. Total	14.9	70.5	14.6		20.9	64.1	15		8.5	80.1	11.3		22.3	64.5	13.2	
PHF	.922	.847	.829	.866	.891	.890	.893	.895	.654	.945	.738	.965	.704	.901	.683	.891

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Francisquito Avenue
E/W: Puente Avenue
Weather: Clear

File Name : 01_BPK_Francisquito_Puente PM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 1

Groups Printed- Total Volume

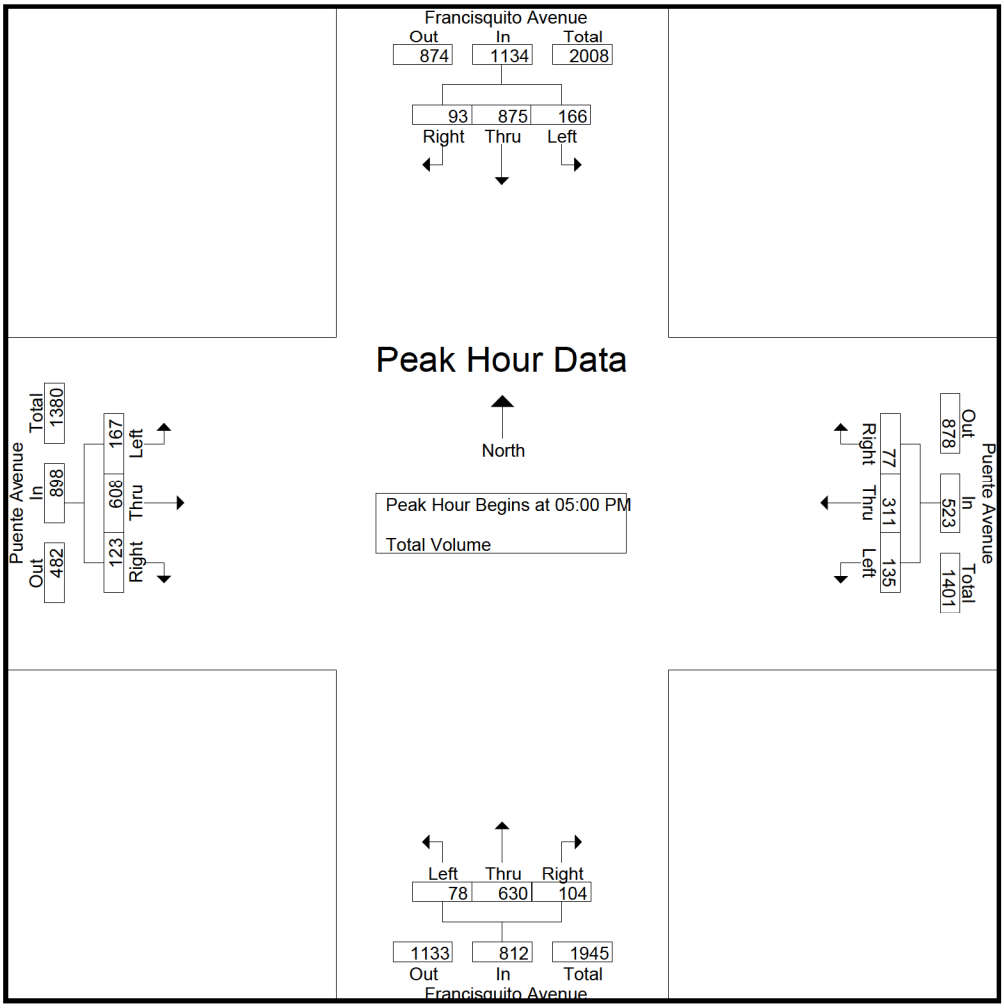
	Francisquito Avenue Southbound				Puente Avenue Westbound				Francisquito Avenue Northbound				Puente Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	50	211	26	287	39	76	17	132	21	120	22	163	25	139	35	199	781
04:15 PM	44	213	25	282	33	79	21	133	18	158	25	201	30	133	33	196	812
04:30 PM	51	249	15	315	38	74	8	120	19	157	33	209	33	148	24	205	849
04:45 PM	53	234	23	310	43	72	15	130	17	154	27	198	43	150	21	214	852
Total	198	907	89	1194	153	301	61	515	75	589	107	771	131	570	113	814	3294
05:00 PM	43	206	20	269	31	78	18	127	30	160	25	215	43	145	32	220	831
05:15 PM	43	241	13	297	37	70	22	129	16	154	24	194	43	146	24	213	833
05:30 PM	47	211	34	292	36	79	24	139	13	154	23	190	43	145	34	222	843
05:45 PM	33	217	26	276	31	84	13	128	19	162	32	213	38	172	33	243	860
Total	166	875	93	1134	135	311	77	523	78	630	104	812	167	608	123	898	3367
Grand Total	364	1782	182	2328	288	612	138	1038	153	1219	211	1583	298	1178	236	1712	6661
Apprch %	15.6	76.5	7.8		27.7	59	13.3		9.7	77	13.3		17.4	68.8	13.8		
Total %	5.5	26.8	2.7	34.9	4.3	9.2	2.1	15.6	2.3	18.3	3.2	23.8	4.5	17.7	3.5	25.7	

	Francisquito Avenue Southbound				Puente Avenue Westbound				Francisquito Avenue Northbound				Puente Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	43	206	20	269	31	78	18	127	**30**	160	25	**215**	**43**	145	32	220	831
05:15 PM	43	**241**	13	**297**	**37**	70	22	129	16	154	24	194	43	146	24	213	833
05:30 PM	**47**	211	**34**	292	36	79	**24**	**139**	13	154	23	190	43	145	**34**	222	843
05:45 PM	33	217	26	276	31	**84**	13	128	19	**162**	**32**	213	38	**172**	33	**243**	**860**
Total Volume	166	875	93	1134	135	311	77	523	78	630	104	812	167	608	123	898	3367
% App. Total	14.6	77.2	8.2		25.8	59.5	14.7		9.6	77.6	12.8		18.6	67.7	13.7		
PHF	.883	.908	.684	.955	.912	.926	.802	.941	.650	.972	.813	.944	.971	.884	.904	.924	.979

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Francisquito Avenue
E/W: Puente Avenue
Weather: Clear

File Name : 01_BPK_Francisquito_Puente PM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:00 PM				04:45 PM				04:15 PM				05:00 PM			
+0 mins.	50	211	**26**	287	**43**	72	15	130	18	158	25	201	**43**	145	32	220
+15 mins.	44	213	25	282	31	78	18	127	19	157	**33**	209	43	146	24	213
+30 mins.	51	**249**	15	**315**	37	70	22	129	17	154	27	198	43	145	**34**	222
+45 mins.	**53**	234	23	310	36	**79**	**24**	**139**	**30**	**160**	25	**215**	38	**172**	33	**243**
Total Volume	198	907	89	1194	147	299	79	525	84	629	110	823	167	608	123	898
% App. Total	16.6	76	7.5		28	57	15		10.2	76.4	13.4		18.6	67.7	13.7	
PHF	.934	.911	.856	.948	.855	.946	.823	.944	.700	.983	.833	.957	.971	.884	.904	.924

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Dalewood Street
E/W: Puente Avenue
Weather: Clear

File Name : 02_BPK_Dalewood_Puente AM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 1

Groups Printed- Total Volume

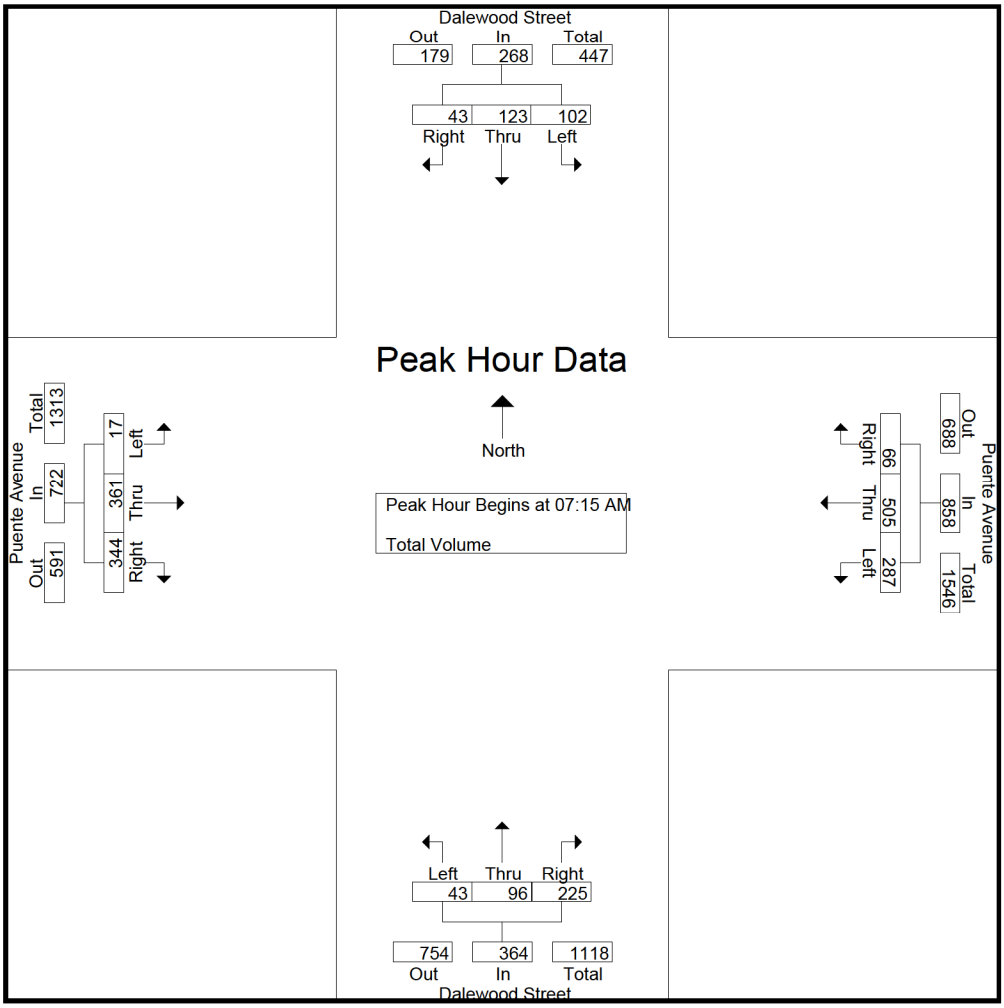
	Dalewood Street Southbound				Puente Avenue Westbound				Dalewood Street Northbound				Puente Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	29	25	5	59	59	102	16	177	11	17	53	81	0	71	54	125	442
07:15 AM	27	27	7	61	84	115	21	220	11	25	51	87	1	67	85	153	521
07:30 AM	17	30	12	59	89	156	8	253	9	30	67	106	4	96	85	185	603
07:45 AM	25	37	14	76	59	119	15	193	16	22	59	97	5	103	95	203	569
Total	98	119	38	255	291	492	60	843	47	94	230	371	10	337	319	666	2135
08:00 AM	33	29	10	72	55	115	22	192	7	19	48	74	7	95	79	181	519
08:15 AM	25	35	15	75	49	129	10	188	13	22	44	79	2	104	62	168	510
08:30 AM	20	29	10	59	66	115	9	190	2	9	46	57	3	93	49	145	451
08:45 AM	25	21	10	56	61	125	10	196	5	9	39	53	3	60	60	123	428
Total	103	114	45	262	231	484	51	766	27	59	177	263	15	352	250	617	1908
Grand Total	201	233	83	517	522	976	111	1609	74	153	407	634	25	689	569	1283	4043
Apprch %	38.9	45.1	16.1		32.4	60.7	6.9		11.7	24.1	64.2		1.9	53.7	44.3		
Total %	5	5.8	2.1	12.8	12.9	24.1	2.7	39.8	1.8	3.8	10.1	15.7	0.6	17	14.1	31.7	

	Dalewood Street Southbound				Puente Avenue Westbound				Dalewood Street Northbound				Puente Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	27	27	7	61	84	115	21	220	11	25	51	87	1	67	85	153	521
07:30 AM	17	30	12	59	**89**	**156**	8	**253**	9	**30**	**67**	**106**	4	96	85	185	**603**
07:45 AM	25	**37**	**14**	**76**	59	119	15	193	**16**	22	59	97	5	**103**	**95**	**203**	569
08:00 AM	**33**	29	10	72	55	115	**22**	192	7	19	48	74	**7**	95	79	181	519
Total Volume	102	123	43	268	287	505	66	858	43	96	225	364	17	361	344	722	2212
% App. Total	38.1	45.9	16		33.4	58.9	7.7		11.8	26.4	61.8		2.4	50	47.6		
PHF	.773	.831	.768	.882	.806	.809	.750	.848	.672	.800	.840	.858	.607	.876	.905	.889	.917

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Dalewood Street
E/W: Puente Avenue
Weather: Clear

File Name : 02_BPK_Dalewood_Puente AM
Site Code : 07517594
Start Date : 9/13/2017



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:30 AM				07:15 AM				07:00 AM				07:30 AM			
+0 mins.	17	30	12	59	84	115	21	220	11	17	53	81	4	96	85	185
+15 mins.	25	**37**	14	**76**	**89**	**156**	8	**253**	11	25	51	87	5	103	**95**	**203**
+30 mins.	**33**	29	10	72	59	119	15	193	9	**30**	**67**	**106**	**7**	95	79	181
+45 mins.	25	35	**15**	75	55	115	**22**	192	**16**	22	59	97	2	**104**	62	168
Total Volume	100	131	51	282	287	505	66	858	47	94	230	371	18	398	321	737
% App. Total	35.5	46.5	18.1		33.4	58.9	7.7		12.7	25.3	62		2.4	54	43.6	
PHF	.758	.885	.850	.928	.806	.809	.750	.848	.734	.783	.858	.875	.643	.957	.845	.908

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Dalewood Street
E/W: Puente Avenue
Weather: Clear

File Name : 02_BPK_Dalewood_Puente PM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 1

Groups Printed- Total Volume

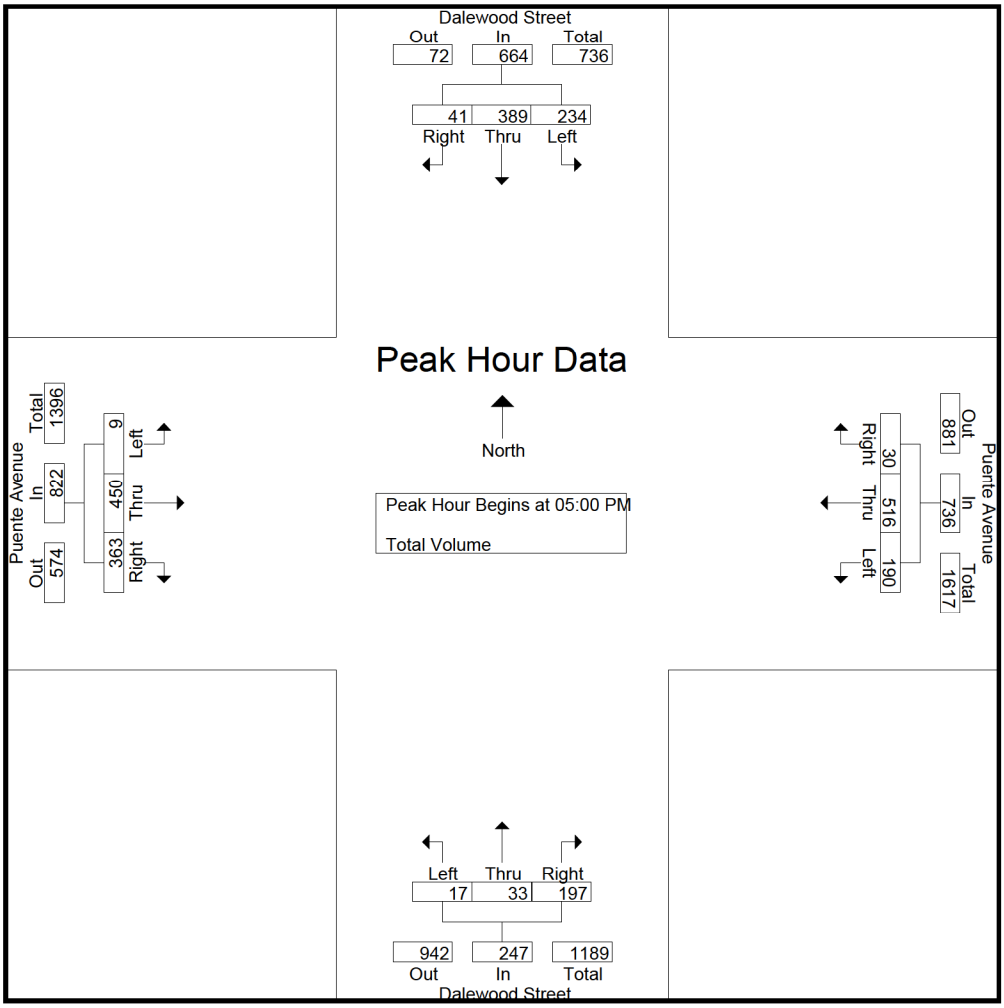
	Dalewood Street Southbound				Puente Avenue Westbound				Dalewood Street Northbound				Puente Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	56	88	11	155	54	119	10	183	5	10	33	48	3	89	106	198	584
04:15 PM	55	76	6	137	43	134	7	184	8	8	39	55	4	110	93	207	583
04:30 PM	51	75	20	146	48	134	7	189	6	5	39	50	0	100	98	198	583
04:45 PM	56	74	5	135	57	128	9	194	4	11	41	56	0	121	86	207	592
Total	218	313	42	573	202	515	33	750	23	34	152	209	7	420	383	810	2342
05:00 PM	71	109	13	193	42	120	3	165	2	6	53	61	4	106	84	194	613
05:15 PM	48	89	9	146	54	121	6	181	7	14	45	66	3	117	98	218	611
05:30 PM	59	98	7	164	52	153	16	221	5	6	48	59	2	100	94	196	640
05:45 PM	56	93	12	161	42	122	5	169	3	7	51	61	0	127	87	214	605
Total	234	389	41	664	190	516	30	736	17	33	197	247	9	450	363	822	2469
Grand Total	452	702	83	1237	392	1031	63	1486	40	67	349	456	16	870	746	1632	4811
Apprch %	36.5	56.8	6.7		26.4	69.4	4.2		8.8	14.7	76.5		1	53.3	45.7		
Total %	9.4	14.6	1.7	25.7	8.1	21.4	1.3	30.9	0.8	1.4	7.3	9.5	0.3	18.1	15.5	33.9	

	Dalewood Street Southbound				Puente Avenue Westbound				Dalewood Street Northbound				Puente Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	**71**	**109**	**13**	**193**	42	120	3	165	2	6	**53**	61	**4**	106	84	194	613
05:15 PM	48	89	9	146	**54**	121	6	181	**7**	**14**	45	**66**	3	117	**98**	**218**	611
05:30 PM	59	98	7	164	52	**153**	**16**	**221**	5	6	48	59	2	100	94	196	**640**
05:45 PM	56	93	12	161	42	122	5	169	3	7	51	61	0	**127**	87	214	605
Total Volume	234	389	41	664	190	516	30	736	17	33	197	247	9	450	363	822	2469
% App. Total	35.2	58.6	6.2		25.8	70.1	4.1		6.9	13.4	79.8		1.1	54.7	44.2		
PHF	.824	.892	.788	.860	.880	.843	.469	.833	.607	.589	.929	.936	.563	.886	.926	.943	.964

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Dalewood Street
E/W: Puente Avenue
Weather: Clear

File Name : 02_BPK_Dalewood_Puente PM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:45 PM				05:00 PM				05:00 PM			
+0 mins.	**71**	**109**	**13**	**193**	**57**	128	9	194	2	6	**53**	61	**4**	106	84	194
+15 mins.	48	89	9	146	42	120	3	165	**7**	**14**	45	**66**	3	117	**98**	**218**
+30 mins.	59	98	7	164	54	121	6	181	5	6	48	59	2	100	94	196
+45 mins.	56	93	12	161	52	**153**	**16**	**221**	3	7	51	61	0	**127**	87	214
Total Volume	234	389	41	664	205	522	34	761	17	33	197	247	9	450	363	822
% App. Total	35.2	58.6	6.2		26.9	68.6	4.5		6.9	13.4	79.8		1.1	54.7	44.2	
PHF	.824	.892	.788	.860	.899	.853	.531	.861	.607	.589	.929	.936	.563	.886	.926	.943

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Garden View Lane
E/W: Dalewood Street
Weather: Clear

File Name : 03_BPK_Garden View_Dalewood AM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 1

Groups Printed- Total Volume

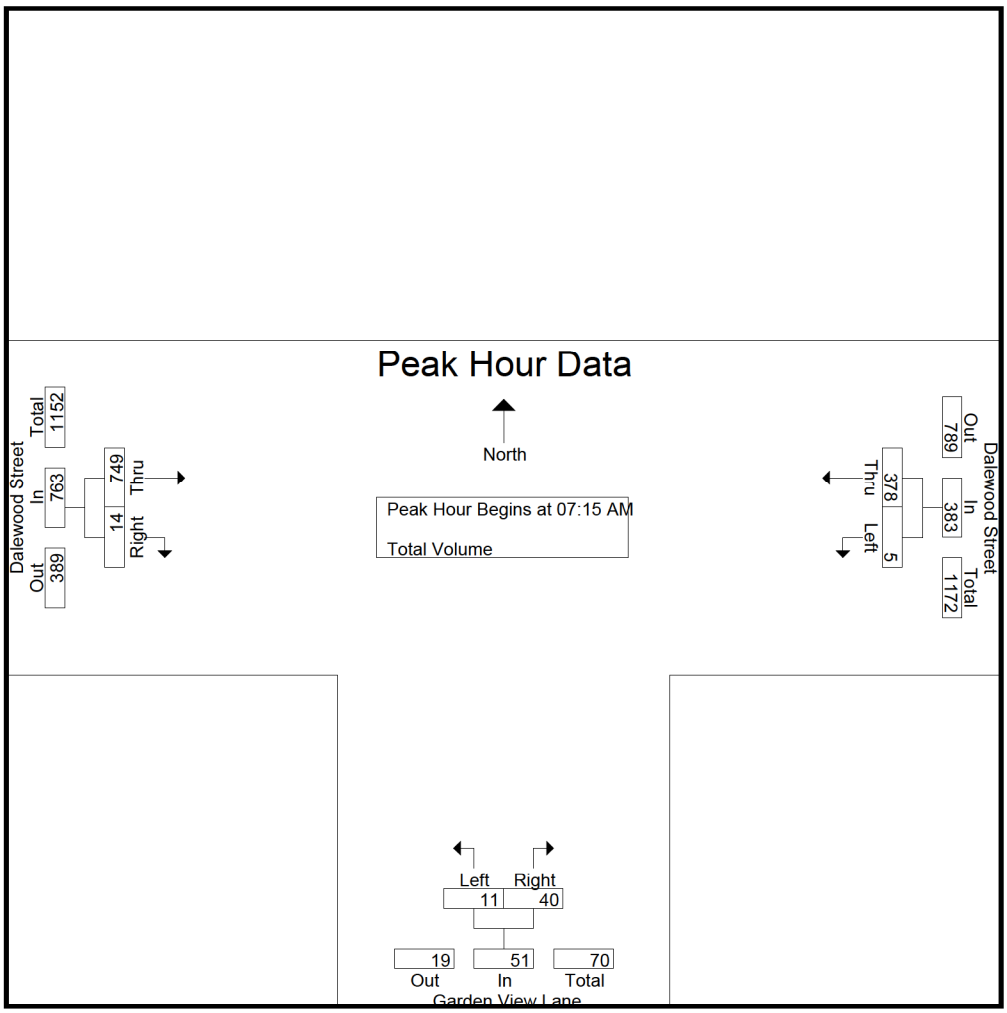
	Dalewood Street Westbound			Garden View Lane Northbound			Dalewood Street Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	2	81	83	0	9	9	139	0	139	231
07:15 AM	0	94	94	4	12	16	209	1	210	320
07:30 AM	2	104	106	1	13	14	207	5	212	332
07:45 AM	1	98	99	2	7	9	177	3	180	288
Total	5	377	382	7	41	48	732	9	741	1171
08:00 AM	2	82	84	4	8	12	156	5	161	257
08:15 AM	6	64	70	1	2	3	146	4	150	223
08:30 AM	4	48	52	3	4	7	134	5	139	198
08:45 AM	2	50	52	0	7	7	129	2	131	190
Total	14	244	258	8	21	29	565	16	581	868
Grand Total	19	621	640	15	62	77	1297	25	1322	2039
Apprch %	3	97		19.5	80.5		98.1	1.9		
Total %	0.9	30.5	31.4	0.7	3	3.8	63.6	1.2	64.8	

	Dalewood Street Westbound			Garden View Lane Northbound			Dalewood Street Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:15 AM										
07:15 AM	0	94	94	**4**	12	**16**	**209**	1	210	320
07:30 AM	**2**	**104**	**106**	1	**13**	14	207	**5**	**212**	**332**
07:45 AM	1	98	99	2	7	9	177	3	180	288
08:00 AM	2	82	84	4	8	12	156	5	161	257
Total Volume	5	378	383	11	40	51	749	14	763	1197
% App. Total	1.3	98.7		21.6	78.4		98.2	1.8		
PHF	.625	.909	.903	.688	.769	.797	.896	.700	.900	.901

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Garden View Lane
E/W: Dalewood Street
Weather: Clear

File Name : 03_BPK_Garden View_Dalewood AM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:15 AM			07:15 AM			07:15 AM		
+0 mins.	0	94	94	**4**	12	**16**	**209**	1	210
+15 mins.	**2**	**104**	**106**	1	**13**	14	207	**5**	**212**
+30 mins.	1	98	99	2	7	9	177	3	180
+45 mins.	2	82	84	4	8	12	156	5	161
Total Volume	5	378	383	11	40	51	749	14	763
% App. Total	1.3	98.7		21.6	78.4		98.2	1.8	
PHF	.625	.909	.903	.688	.769	.797	.896	.700	.900

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Garden View Lane
E/W: Dalewood Street
Weather: Clear

File Name : 03_BPK_Garden View_Dalewood PM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 1

Groups Printed- Total Volume

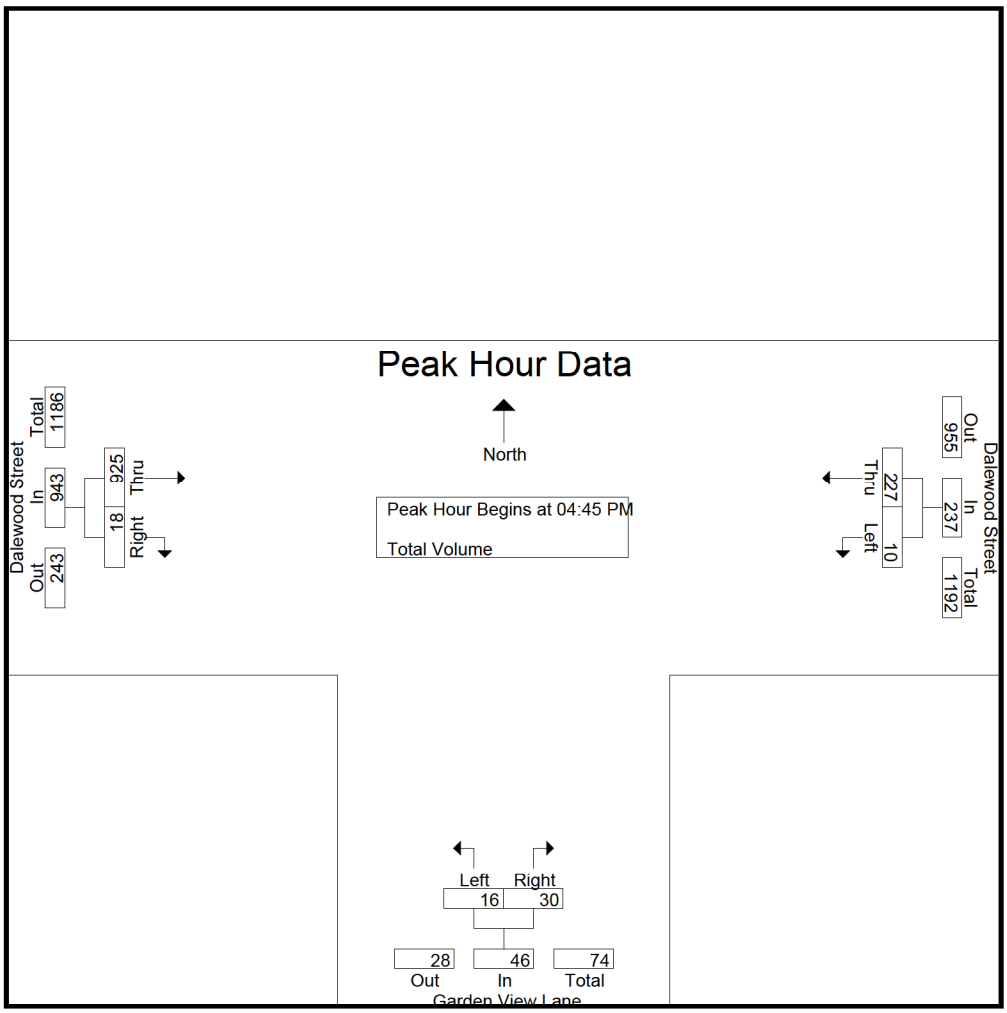
	Dalewood Street Westbound			Garden View Lane Northbound			Dalewood Street Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	4	48	52	2	4	6	242	7	249	307
04:15 PM	2	43	45	4	4	8	208	2	210	263
04:30 PM	2	53	55	4	9	13	223	3	226	294
04:45 PM	1	50	51	6	3	9	220	5	225	285
Total	9	194	203	16	20	36	893	17	910	1149
05:00 PM	6	65	71	2	5	7	220	5	225	303
05:15 PM	1	56	57	4	15	19	241	3	244	320
05:30 PM	2	56	58	4	7	11	244	5	249	318
05:45 PM	3	46	49	4	8	12	211	7	218	279
Total	12	223	235	14	35	49	916	20	936	1220
Grand Total	21	417	438	30	55	85	1809	37	1846	2369
Apprch %	4.8	95.2		35.3	64.7		98	2		
Total %	0.9	17.6	18.5	1.3	2.3	3.6	76.4	1.6	77.9	

	Dalewood Street Westbound			Garden View Lane Northbound			Dalewood Street Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	1	50	51	**6**	3	9	220	**5**	225	285
05:00 PM	**6**	**65**	**71**	2	5	7	220	5	225	303
05:15 PM	1	56	57	4	**15**	**19**	241	3	244	**320**
05:30 PM	2	56	58	4	7	11	**244**	5	**249**	318
Total Volume	10	227	237	16	30	46	925	18	943	1226
% App. Total	4.2	95.8		34.8	65.2		98.1	1.9		
PHF	.417	.873	.835	.667	.500	.605	.948	.900	.947	.958

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Garden View Lane
E/W: Dalewood Street
Weather: Clear

File Name : 03_BPK_Garden View_Dalewood PM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:45 PM			05:00 PM			04:45 PM		
+0 mins.	1	50	51	2	5	7	220	**5**	225
+15 mins.	**6**	**65**	**71**	**4**	**15**	**19**	220	5	225
+30 mins.	1	56	57	4	7	11	241	3	244
+45 mins.	2	56	58	4	8	12	**244**	5	**249**
Total Volume	10	227	237	14	35	49	925	18	943
% App. Total	4.2	95.8		28.6	71.4		98.1	1.9	
PHF	.417	.873	.835	.875	.583	.645	.948	.900	.947

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: I-10 Eastbound Ramps
E/W: Dalewood Street
Weather: Clear

File Name : BPK10EDAAM
Site Code : 07518354
Start Date : 5/2/2018
Page No : 1

Groups Printed- Total Volume

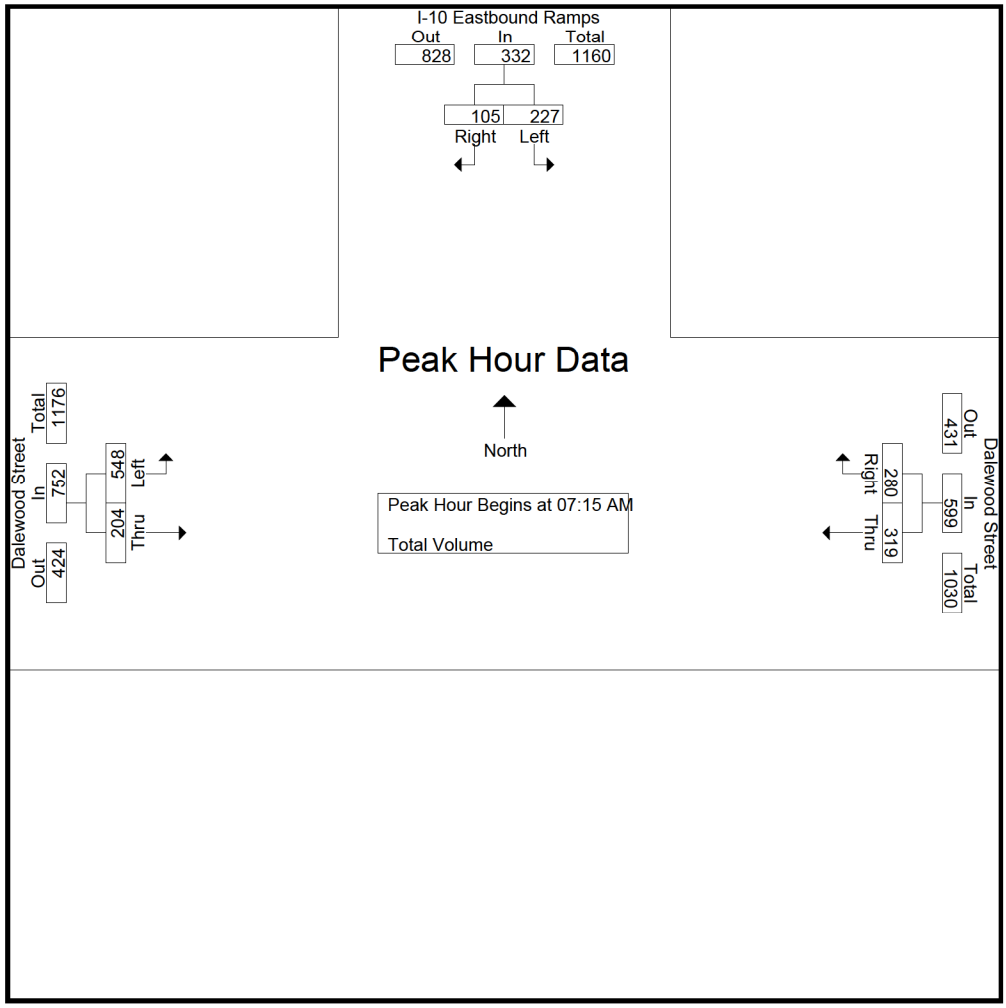
	I-10 Eastbound Ramps Southbound			Dalewood Street Westbound			Dalewood Street Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
07:00 AM	34	12	46	30	49	79	95	21	116	241
07:15 AM	54	23	77	55	81	136	141	34	175	388
07:30 AM	54	22	76	87	70	157	159	52	211	444
07:45 AM	70	23	93	100	78	178	144	62	206	477
Total	212	80	292	272	278	550	539	169	708	1550
08:00 AM	49	37	86	77	51	128	104	56	160	374
08:15 AM	34	25	59	55	41	96	87	29	116	271
08:30 AM	29	24	53	46	37	83	93	26	119	255
08:45 AM	32	20	52	49	38	87	103	41	144	283
Total	144	106	250	227	167	394	387	152	539	1183
Grand Total	356	186	542	499	445	944	926	321	1247	2733
Apprch %	65.7	34.3		52.9	47.1		74.3	25.7		
Total %	13	6.8	19.8	18.3	16.3	34.5	33.9	11.7	45.6	

	I-10 Eastbound Ramps Southbound			Dalewood Street Westbound			Dalewood Street Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:15 AM										
07:15 AM	54	23	77	55	**81**	136	141	34	175	388
07:30 AM	54	22	76	87	70	157	**159**	52	**211**	444
07:45 AM	**70**	23	**93**	**100**	78	**178**	144	**62**	206	**477**
08:00 AM	49	**37**	86	77	51	128	104	56	160	374
Total Volume	227	105	332	319	280	599	548	204	752	1683
% App. Total	68.4	31.6		53.3	46.7		72.9	27.1		
PHF	.811	.709	.892	.798	.864	.841	.862	.823	.891	.882

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: I-10 Eastbound Ramps
E/W: Dalewood Street
Weather: Clear

File Name : BPK10EDAAM
Site Code : 07518354
Start Date : 5/2/2018
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:15 AM			07:15 AM			07:15 AM		
+0 mins.	54	23	77	55	**81**	136	141	34	175
+15 mins.	54	22	76	87	70	157	**159**	52	**211**
+30 mins.	**70**	23	**93**	**100**	78	**178**	144	**62**	206
+45 mins.	49	**37**	86	77	51	128	104	56	160
Total Volume	227	105	332	319	280	599	548	204	752
% App. Total	68.4	31.6		53.3	46.7		72.9	27.1	
PHF	.811	.709	.892	.798	.864	.841	.862	.823	.891

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: I-10 Eastbound Ramps
E/W: Dalewood Street
Weather: Clear

File Name : BPK10EDAPM
Site Code : 07518354
Start Date : 5/2/2018
Page No : 1

Groups Printed- Total Volume

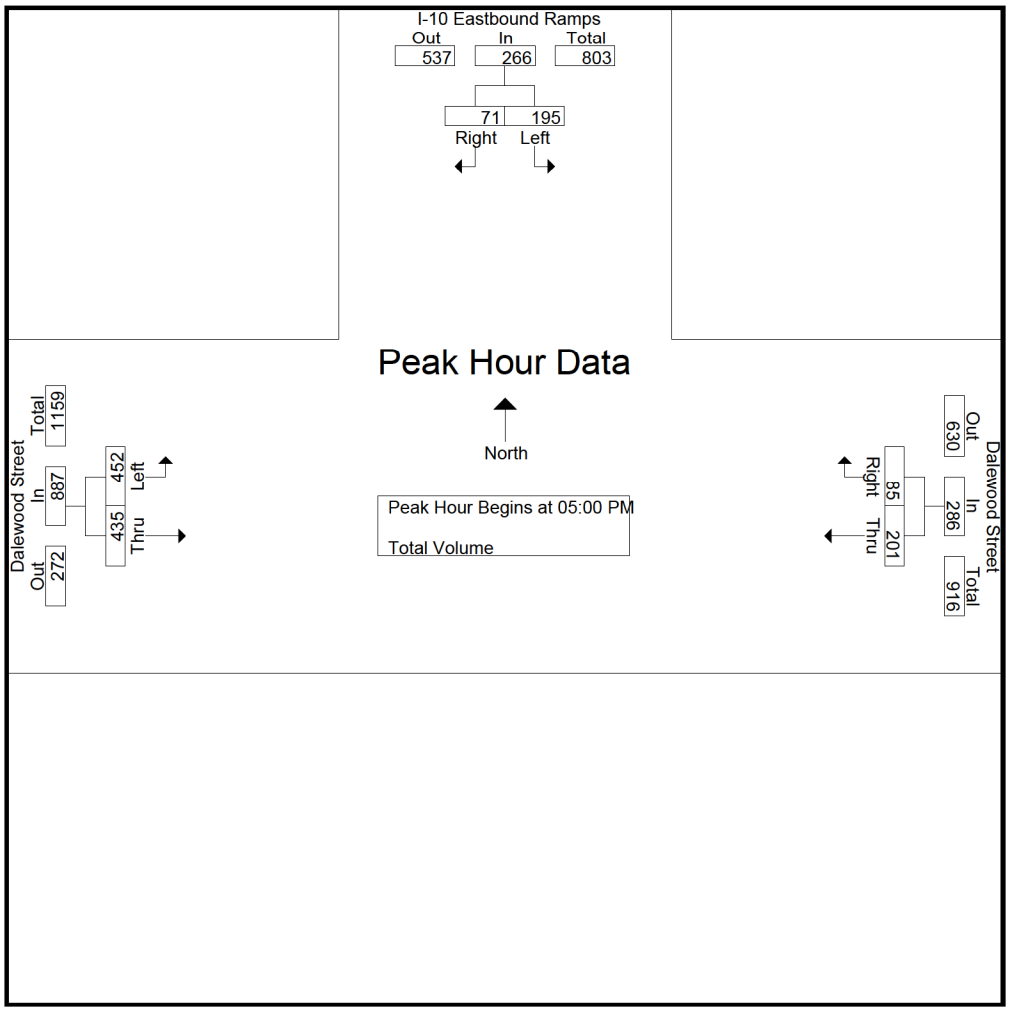
	I-10 Eastbound Ramps Southbound			Dalewood Street Westbound			Dalewood Street Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
04:00 PM	27	17	44	42	22	64	120	106	226	334
04:15 PM	30	20	50	48	23	71	116	99	215	336
04:30 PM	47	13	60	51	22	73	78	104	182	315
04:45 PM	41	10	51	43	30	73	83	112	195	319
Total	145	60	205	184	97	281	397	421	818	1304
05:00 PM	36	13	49	60	19	79	114	95	209	337
05:15 PM	61	20	81	56	28	84	127	133	260	425
05:30 PM	63	16	79	39	14	53	109	102	211	343
05:45 PM	35	22	57	46	24	70	102	105	207	334
Total	195	71	266	201	85	286	452	435	887	1439
Grand Total	340	131	471	385	182	567	849	856	1705	2743
Apprch %	72.2	27.8		67.9	32.1		49.8	50.2		
Total %	12.4	4.8	17.2	14	6.6	20.7	31	31.2	62.2	

	I-10 Eastbound Ramps Southbound			Dalewood Street Westbound			Dalewood Street Eastbound			
Start Time	Left	Right	App. Total	Thru	Right	App. Total	Left	Thru	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 05:00 PM										
05:00 PM	36	13	49	**60**	19	79	114	95	209	337
05:15 PM	61	20	**81**	56	**28**	**84**	**127**	**133**	**260**	**425**
05:30 PM	**63**	16	79	39	14	53	109	102	211	343
05:45 PM	35	**22**	57	46	24	70	102	105	207	334
Total Volume	195	71	266	201	85	286	452	435	887	1439
% App. Total	73.3	26.7		70.3	29.7		51	49		
PHF	.774	.807	.821	.838	.759	.851	.890	.818	.853	.846

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: I-10 Eastbound Ramps
E/W: Dalewood Street
Weather: Clear

File Name : BPK10EDAPM
Site Code : 07518354
Start Date : 5/2/2018
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	05:00 PM			04:30 PM			05:00 PM		
+0 mins.	36	13	49	51	22	73	114	95	209
+15 mins.	61	20	**81**	43	**30**	73	**127**	**133**	**260**
+30 mins.	**63**	16	79	**60**	19	79	109	102	211
+45 mins.	35	**22**	57	56	28	**84**	102	105	207
Total Volume	195	71	266	210	99	309	452	435	887
% App. Total	73.3	26.7		68	32		51	49	
PHF	.774	.807	.821	.875	.825	.920	.890	.818	.853

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Merced Avenue
E/W: Big Dalton Avenue
Weather: Clear

File Name : 05_BPK_Merced_Big Dalton AM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 1

Groups Printed- Total Volume

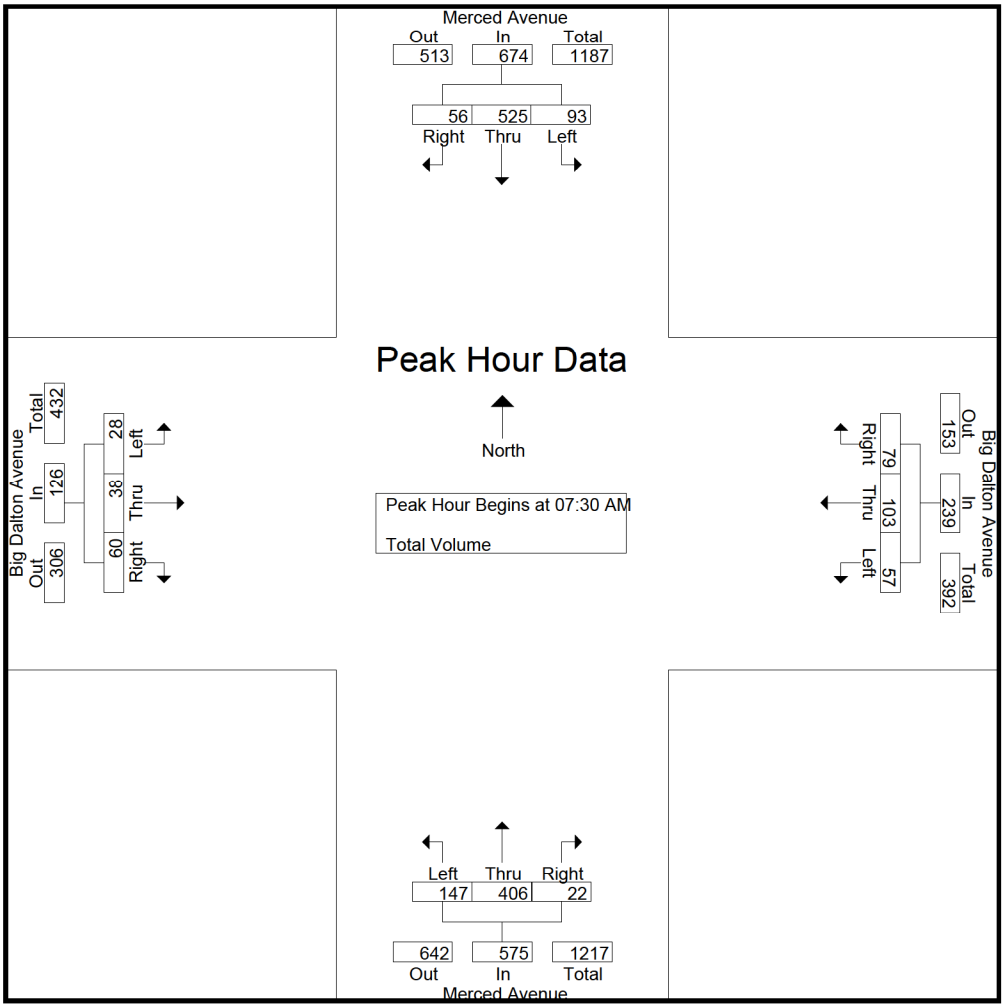
	Merced Avenue Southbound				Big Dalton Avenue Westbound				Merced Avenue Northbound				Big Dalton Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	4	99	10	113	16	24	11	51	36	89	3	128	14	4	8	26	318
07:15 AM	5	141	12	158	22	20	19	61	29	81	4	114	8	3	8	19	352
07:30 AM	15	138	18	171	27	26	14	67	40	110	1	151	10	7	13	30	419
07:45 AM	26	152	15	193	13	19	32	64	39	124	8	171	6	2	15	23	451
Total	50	530	55	635	78	89	76	243	144	404	16	564	38	16	44	98	1540
08:00 AM	18	120	12	150	6	28	18	52	32	87	12	131	5	13	15	33	366
08:15 AM	34	115	11	160	11	30	15	56	36	85	1	122	7	16	17	40	378
08:30 AM	41	128	11	180	8	22	33	63	29	98	5	132	11	14	8	33	408
08:45 AM	13	107	14	134	6	17	12	35	26	57	3	86	4	10	24	38	293
Total	106	470	48	624	31	97	78	206	123	327	21	471	27	53	64	144	1445
Grand Total	156	1000	103	1259	109	186	154	449	267	731	37	1035	65	69	108	242	2985
Apprch %	12.4	79.4	8.2		24.3	41.4	34.3		25.8	70.6	3.6		26.9	28.5	44.6		
Total %	5.2	33.5	3.5	42.2	3.7	6.2	5.2	15	8.9	24.5	1.2	34.7	2.2	2.3	3.6	8.1	

	Merced Avenue Southbound				Big Dalton Avenue Westbound				Merced Avenue Northbound				Big Dalton Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:30 AM																	
07:30 AM	15	138	**18**	171	**27**	26	14	**67**	**40**	110	1	151	**10**	7	13	30	419
07:45 AM	26	**152**	15	**193**	13	19	**32**	64	39	**124**	8	**171**	6	2	15	23	**451**
08:00 AM	18	120	12	150	6	28	18	52	32	87	**12**	131	5	13	15	33	366
08:15 AM	**34**	115	11	160	11	**30**	15	56	36	85	1	122	7	**16**	**17**	**40**	378
Total Volume	93	525	56	674	57	103	79	239	147	406	22	575	28	38	60	126	1614
% App. Total	13.8	77.9	8.3		23.8	43.1	33.1		25.6	70.6	3.8		22.2	30.2	47.6		
PHF	.684	.863	.778	.873	.528	.858	.617	.892	.919	.819	.458	.841	.700	.594	.882	.788	.895

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Merced Avenue
E/W: Big Dalton Avenue
Weather: Clear

File Name : 05_BPK_Merced_Big Dalton AM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:45 AM				07:15 AM				07:30 AM				08:00 AM			
+0 mins.	26	**152**	**15**	**193**	22	20	19	61	**40**	110	1	151	5	13	15	33
+15 mins.	18	120	12	150	**27**	26	14	**67**	39	**124**	8	**171**	7	**16**	17	**40**
+30 mins.	34	115	11	160	13	19	**32**	64	32	87	**12**	131	**11**	14	8	33
+45 mins.	**41**	128	11	180	6	**28**	18	52	36	85	1	122	4	10	**24**	38
Total Volume	119	515	49	683	68	93	83	244	147	406	22	575	27	53	64	144
% App. Total	17.4	75.4	7.2		27.9	38.1	34		25.6	70.6	3.8		18.8	36.8	44.4	
PHF	.726	.847	.817	.885	.630	.830	.648	.910	.919	.819	.458	.841	.614	.828	.667	.900

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Merced Avenue
E/W: Big Dalton Avenue
Weather: Clear

File Name : 05_BPK_Merced_Big Dalton PM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 1

Groups Printed- Total Volume

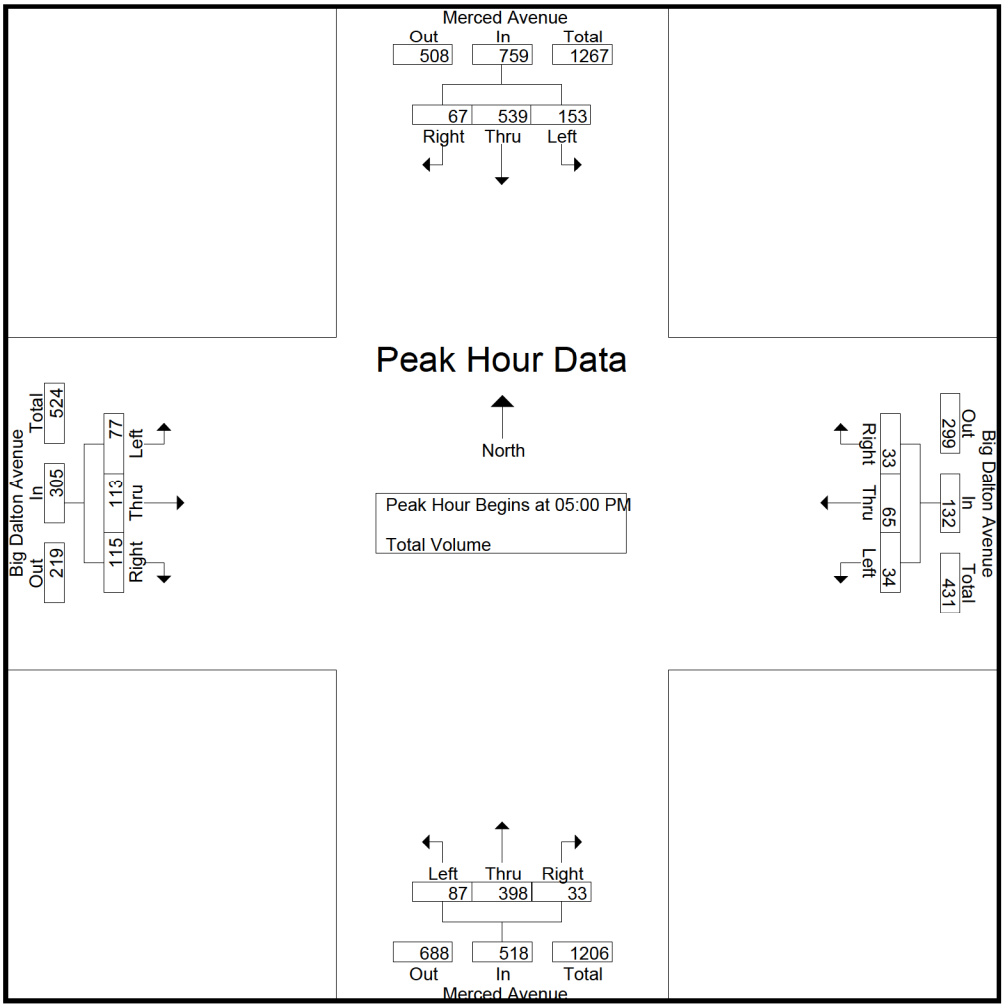
	Merced Avenue Southbound				Big Dalton Avenue Westbound				Merced Avenue Northbound				Big Dalton Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	31	129	18	178	8	13	6	27	29	76	9	114	9	27	32	68	387
04:15 PM	31	97	12	140	8	15	8	31	14	93	8	115	23	22	31	76	362
04:30 PM	24	139	17	180	14	16	17	47	15	75	9	99	18	23	20	61	387
04:45 PM	35	126	18	179	7	20	3	30	20	96	6	122	14	32	31	77	408
Total	121	491	65	677	37	64	34	135	78	340	32	450	64	104	114	282	1544
05:00 PM	39	126	15	180	7	15	9	31	24	91	13	128	15	23	28	66	405
05:15 PM	41	148	23	212	8	17	7	32	19	99	9	127	21	34	33	88	459
05:30 PM	38	124	16	178	11	17	12	40	23	101	4	128	21	33	20	74	420
05:45 PM	35	141	13	189	8	16	5	29	21	107	7	135	20	23	34	77	430
Total	153	539	67	759	34	65	33	132	87	398	33	518	77	113	115	305	1714
Grand Total	274	1030	132	1436	71	129	67	267	165	738	65	968	141	217	229	587	3258
Apprch %	19.1	71.7	9.2		26.6	48.3	25.1		17	76.2	6.7		24	37	39		
Total %	8.4	31.6	4.1	44.1	2.2	4	2.1	8.2	5.1	22.7	2	29.7	4.3	6.7	7	18	

	Merced Avenue Southbound				Big Dalton Avenue Westbound				Merced Avenue Northbound				Big Dalton Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	39	126	15	180	7	15	9	31	**24**	91	**13**	128	15	23	28	66	405
05:15 PM	**41**	**148**	**23**	**212**	8	**17**	7	32	19	99	9	127	**21**	**34**	33	**88**	**459**
05:30 PM	38	124	16	178	**11**	17	**12**	**40**	23	101	4	128	21	33	20	74	420
05:45 PM	35	141	13	189	8	16	5	29	21	**107**	7	**135**	20	23	**34**	77	430
Total Volume	153	539	67	759	34	65	33	132	87	398	33	518	77	113	115	305	1714
% App. Total	20.2	71	8.8		25.8	49.2	25		16.8	76.8	6.4		25.2	37	37.7		
PHF	.933	.910	.728	.895	.773	.956	.688	.825	.906	.930	.635	.959	.917	.831	.846	.866	.934

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Merced Avenue
E/W: Big Dalton Avenue
Weather: Clear

File Name : 05_BPK_Merced_Big Dalton PM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				04:30 PM				05:00 PM				04:45 PM			
+0 mins.	39	126	15	180	**14**	16	**17**	**47**	**24**	91	**13**	128	14	32	31	77
+15 mins.	**41**	**148**	**23**	**212**	7	**20**	3	30	19	99	9	127	15	23	28	66
+30 mins.	38	124	16	178	7	15	9	31	23	101	4	128	**21**	**34**	**33**	**88**
+45 mins.	35	141	13	189	8	17	7	32	21	**107**	7	**135**	21	33	20	74
Total Volume	153	539	67	759	36	68	36	140	87	398	33	518	71	122	112	305
% App. Total	20.2	71	8.8		25.7	48.6	25.7		16.8	76.8	6.4		23.3	40	36.7	
PHF	.933	.910	.728	.895	.643	.850	.529	.745	.906	.930	.635	.959	.845	.897	.848	.866

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Merced Avenue/Garvey Avenue
E/W: Puente Avenue
Weather: Clear

File Name : 06_BPK_Merced_Puente AM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 1

Groups Printed- Total Volume

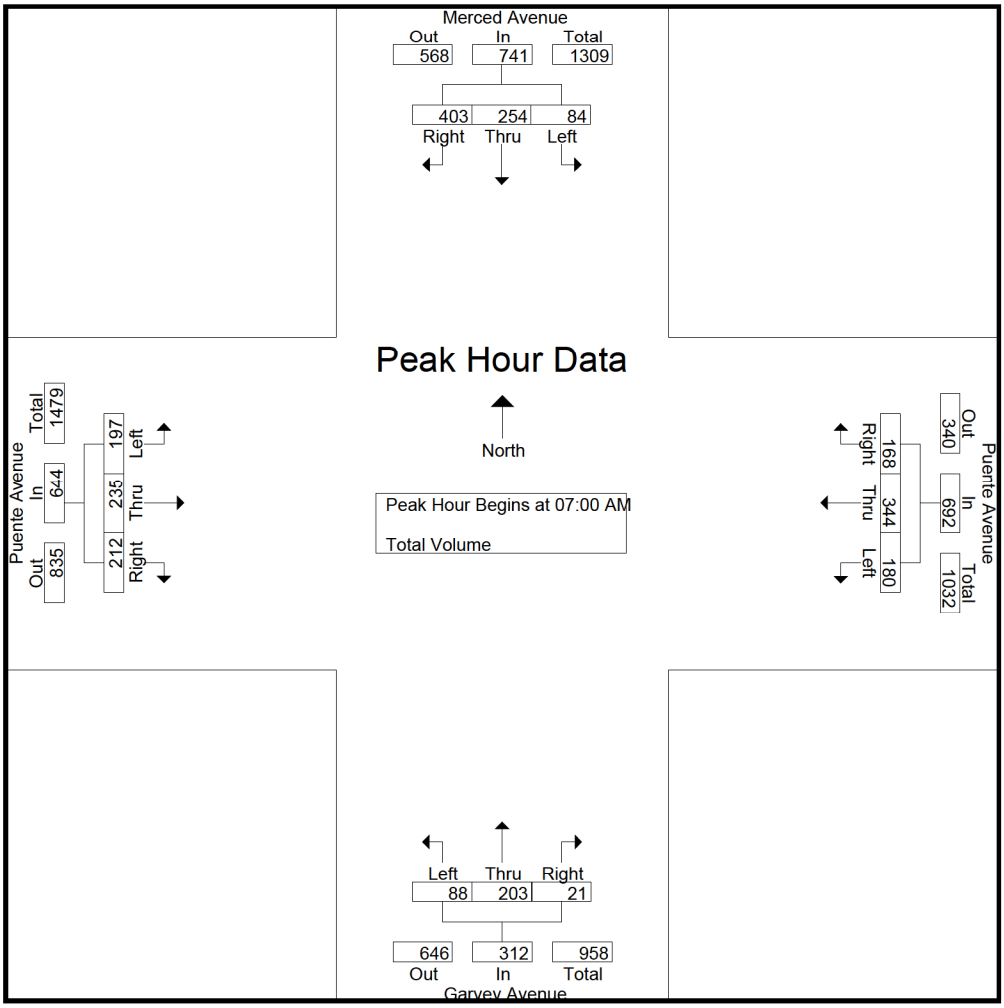
	Merced Avenue Southbound				Puente Avenue Westbound				Garvey Avenue Northbound				Puente Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
07:00 AM	13	64	89	166	38	97	47	182	19	57	6	82	38	55	51	144	574
07:15 AM	26	83	117	226	41	83	46	170	18	49	3	70	43	44	48	135	601
07:30 AM	19	73	99	191	47	87	37	171	21	51	5	77	54	73	50	177	616
07:45 AM	26	34	98	158	54	77	38	169	30	46	7	83	62	63	63	188	598
Total	84	254	403	741	180	344	168	692	88	203	21	312	197	235	212	644	2389
08:00 AM	32	35	81	148	43	67	33	143	25	37	9	71	59	74	62	195	557
08:15 AM	34	56	68	158	52	82	33	167	25	37	10	72	40	74	35	149	546
08:30 AM	39	31	85	155	50	94	38	182	38	40	5	83	34	76	32	142	562
08:45 AM	42	48	74	164	33	70	29	132	33	26	9	68	44	45	41	130	494
Total	147	170	308	625	178	313	133	624	121	140	33	294	177	269	170	616	2159
Grand Total	231	424	711	1366	358	657	301	1316	209	343	54	606	374	504	382	1260	4548
Apprch %	16.9	31	52		27.2	49.9	22.9		34.5	56.6	8.9		29.7	40	30.3		
Total %	5.1	9.3	15.6	30	7.9	14.4	6.6	28.9	4.6	7.5	1.2	13.3	8.2	11.1	8.4	27.7	

	Merced Avenue Southbound				Puente Avenue Westbound				Garvey Avenue Northbound				Puente Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	13	64	89	166	38	**97**	**47**	**182**	19	**57**	6	82	38	55	51	144	574
07:15 AM	**26**	**83**	**117**	**226**	41	83	46	170	18	49	3	70	43	44	48	135	601
07:30 AM	19	73	99	191	47	87	37	171	21	51	5	77	54	**73**	50	177	**616**
07:45 AM	26	34	98	158	**54**	77	38	169	**30**	46	**7**	**83**	**62**	63	**63**	**188**	598
Total Volume	84	254	403	741	180	344	168	692	88	203	21	312	197	235	212	644	2389
% App. Total	11.3	34.3	54.4		26	49.7	24.3		28.2	65.1	6.7		30.6	36.5	32.9		
PHF	.808	.765	.861	.820	.833	.887	.894	.951	.733	.890	.750	.940	.794	.805	.841	.856	.970

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Merced Avenue/Garvey Avenue
E/W: Puente Avenue
Weather: Clear

File Name : 06_BPK_Merced_Puente AM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM				07:00 AM				07:00 AM				07:30 AM			
+0 mins.	13	64	89	166	38	**97**	**47**	**182**	19	**57**	6	82	54	73	50	177
+15 mins.	**26**	**83**	**117**	**226**	41	83	46	170	18	49	3	70	**62**	63	**63**	188
+30 mins.	19	73	99	191	47	87	37	171	21	51	5	77	59	**74**	62	**195**
+45 mins.	26	34	98	158	**54**	77	38	169	**30**	46	**7**	**83**	40	74	35	149
Total Volume	84	254	403	741	180	344	168	692	88	203	21	312	215	284	210	709
% App. Total	11.3	34.3	54.4		26	49.7	24.3		28.2	65.1	6.7		30.3	40.1	29.6	
PHF	.808	.765	.861	.820	.833	.887	.894	.951	.733	.890	.750	.940	.867	.959	.833	.909

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Merced Avenue/Garvey Avenue
E/W: Puente Avenue
Weather: Clear

File Name : 06_BPK_Merced_Puente PM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 1

Groups Printed- Total Volume

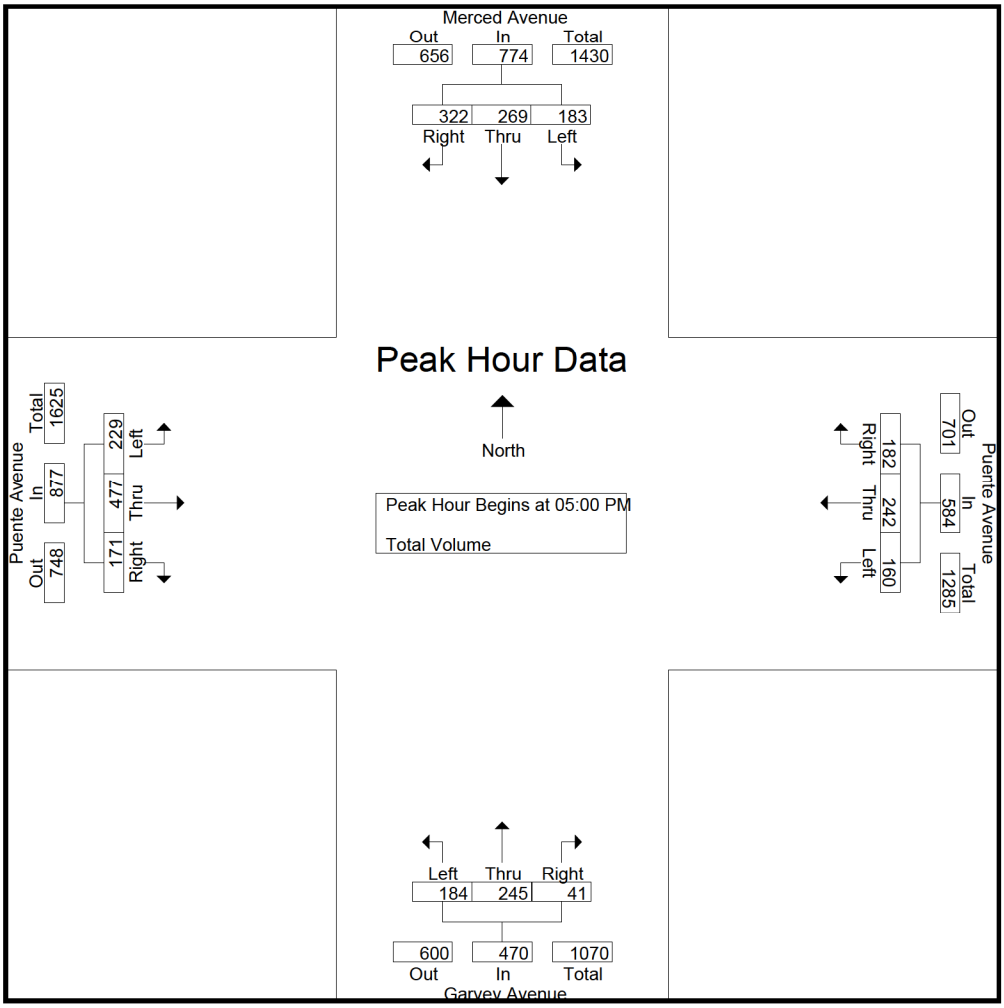
	Merced Avenue Southbound				Puente Avenue Westbound				Garvey Avenue Northbound				Puente Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
04:00 PM	45	48	85	178	39	72	46	157	43	52	9	104	40	105	32	177	616
04:15 PM	40	54	74	168	37	65	38	140	47	48	11	106	52	126	36	214	628
04:30 PM	45	59	88	192	41	57	33	131	50	46	18	114	50	101	54	205	642
04:45 PM	45	60	69	174	35	65	36	136	56	65	17	138	63	120	50	233	681
Total	175	221	316	712	152	259	153	564	196	211	55	462	205	452	172	829	2567
05:00 PM	48	55	66	169	43	63	45	151	45	57	9	111	52	105	44	201	632
05:15 PM	53	89	88	230	46	60	34	140	42	74	15	131	52	117	41	210	711
05:30 PM	41	54	74	169	38	53	58	149	47	55	4	106	53	116	44	213	637
05:45 PM	41	71	94	206	33	66	45	144	50	59	13	122	72	139	42	253	725
Total	183	269	322	774	160	242	182	584	184	245	41	470	229	477	171	877	2705
Grand Total	358	490	638	1486	312	501	335	1148	380	456	96	932	434	929	343	1706	5272
Apprch %	24.1	33	42.9		27.2	43.6	29.2		40.8	48.9	10.3		25.4	54.5	20.1		
Total %	6.8	9.3	12.1	28.2	5.9	9.5	6.4	21.8	7.2	8.6	1.8	17.7	8.2	17.6	6.5	32.4	

	Merced Avenue Southbound				Puente Avenue Westbound				Garvey Avenue Northbound				Puente Avenue Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:00 PM																	
05:00 PM	48	55	66	169	43	63	45	**151**	45	57	9	111	52	105	**44**	201	632
05:15 PM	**53**	**89**	88	**230**	**46**	60	34	140	42	**74**	**15**	**131**	52	117	41	210	711
05:30 PM	41	54	74	169	38	53	**58**	149	47	55	4	106	53	116	44	213	637
05:45 PM	41	71	**94**	206	33	**66**	45	144	**50**	59	13	122	**72**	**139**	42	**253**	**725**
Total Volume	183	269	322	774	160	242	182	584	184	245	41	470	229	477	171	877	2705
% App. Total	23.6	34.8	41.6		27.4	41.4	31.2		39.1	52.1	8.7		26.1	54.4	19.5		
PHF	.863	.756	.856	.841	.870	.917	.784	.967	.920	.828	.683	.897	.795	.858	.972	.867	.933

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Merced Avenue/Garvey Avenue
E/W: Puente Avenue
Weather: Clear

File Name : 06_BPK_Merced_Puente PM
Site Code : 07517594
Start Date : 9/13/2017



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	05:00 PM				05:00 PM				04:30 PM				05:00 PM			
+0 mins.	48	55	66	169	43	63	45	**151**	50	46	**18**	114	52	105	**44**	201
+15 mins.	**53**	**89**	88	**230**	**46**	60	34	140	**56**	65	17	**138**	52	117	41	210
+30 mins.	41	54	74	169	38	53	**58**	149	45	57	9	111	53	116	44	213
+45 mins.	41	71	**94**	206	33	**66**	45	144	42	**74**	15	131	**72**	**139**	42	**253**
Total Volume	183	269	322	774	160	242	182	584	193	242	59	494	229	477	171	877
% App. Total	23.6	34.8	41.6		27.4	41.4	31.2		39.1	49	11.9		26.1	54.4	19.5	
PHF	.863	.756	.856	.841	.870	.917	.784	.967	.862	.818	.819	.895	.795	.858	.972	.867

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Garvey Avenue
E/W: I-10 Westbound Ramps
Weather: Clear

File Name : 07_BPK_Garvey_10W Ramps AM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 1

Groups Printed- Total Volume

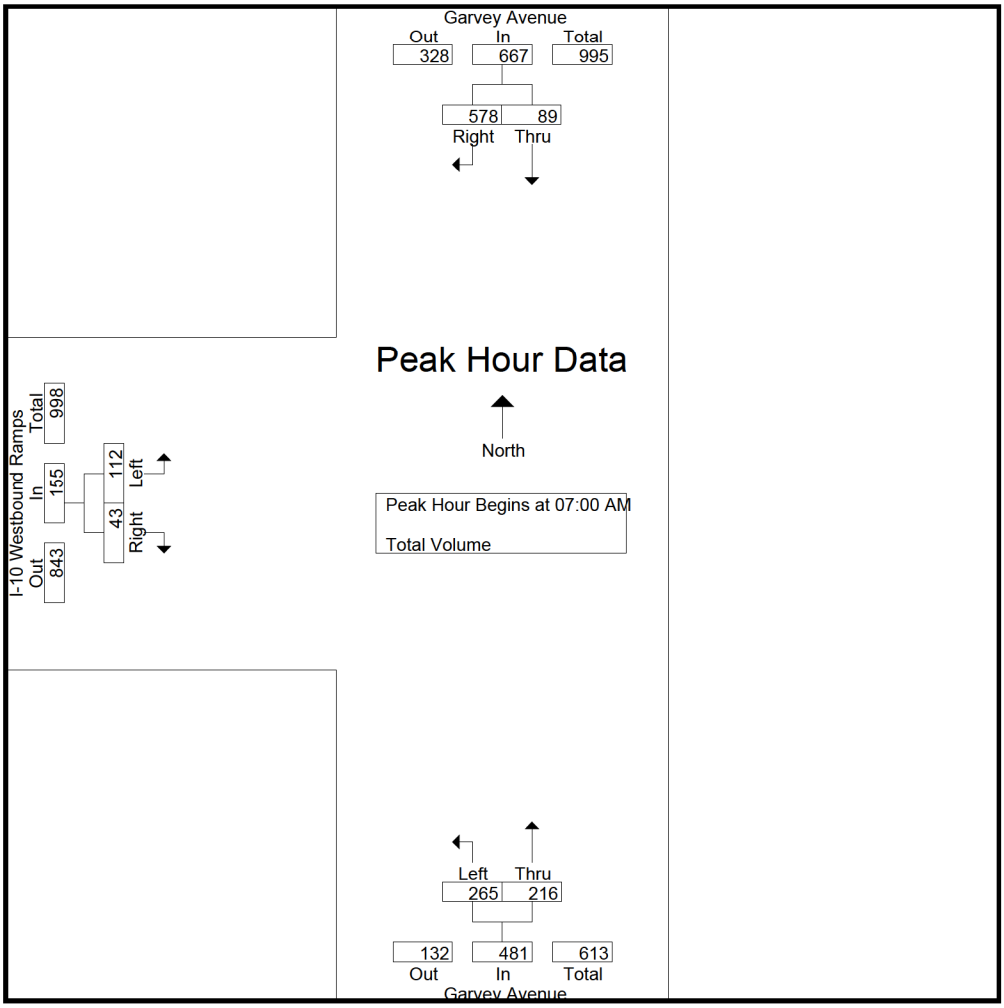
	Garvey Avenue Southbound			Garvey Avenue Northbound			I-10 Westbound Ramps Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
07:00 AM	20	145	165	66	55	121	19	7	26	312
07:15 AM	20	150	170	66	51	117	27	8	35	322
07:30 AM	25	157	182	62	50	112	32	17	49	343
07:45 AM	24	126	150	71	60	131	34	11	45	326
Total	89	578	667	265	216	481	112	43	155	1303
08:00 AM	30	111	141	71	43	114	22	15	37	292
08:15 AM	34	112	146	68	47	115	25	16	41	302
08:30 AM	30	79	109	81	38	119	39	17	56	284
08:45 AM	38	86	124	97	23	120	41	21	62	306
Total	132	388	520	317	151	468	127	69	196	1184
Grand Total	221	966	1187	582	367	949	239	112	351	2487
Apprch %	18.6	81.4		61.3	38.7		68.1	31.9		
Total %	8.9	38.8	47.7	23.4	14.8	38.2	9.6	4.5	14.1	

	Garvey Avenue Southbound			Garvey Avenue Northbound			I-10 Westbound Ramps Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:00 AM										
07:00 AM	20	145	165	66	55	121	19	7	26	312
07:15 AM	20	150	170	66	51	117	27	8	35	322
07:30 AM	**25**	**157**	**182**	62	50	112	32	**17**	**49**	**343**
07:45 AM	24	126	150	**71**	**60**	**131**	**34**	11	45	326
Total Volume	89	578	667	265	216	481	112	43	155	1303
% App. Total	13.3	86.7		55.1	44.9		72.3	27.7		
PHF	.890	.920	.916	.933	.900	.918	.824	.632	.791	.950

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Garvey Avenue
E/W: I-10 Westbound Ramps
Weather: Clear

File Name : 07_BPK_Garvey_10W Ramps AM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM			07:00 AM			08:00 AM		
+0 mins.	20	145	165	66	55	121	22	15	37
+15 mins.	20	150	170	66	51	117	25	16	41
+30 mins.	**25**	**157**	**182**	62	50	112	39	17	56
+45 mins.	24	126	150	**71**	**60**	**131**	**41**	**21**	**62**
Total Volume	89	578	667	265	216	481	127	69	196
% App. Total	13.3	86.7		55.1	44.9		64.8	35.2	
PHF	.890	.920	.916	.933	.900	.918	.774	.821	.790

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Garvey Avenue
E/W: I-10 Westbound Ramps
Weather: Clear

File Name : 07_BPK_Garvey_10W Ramps PM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 1

Groups Printed- Total Volume

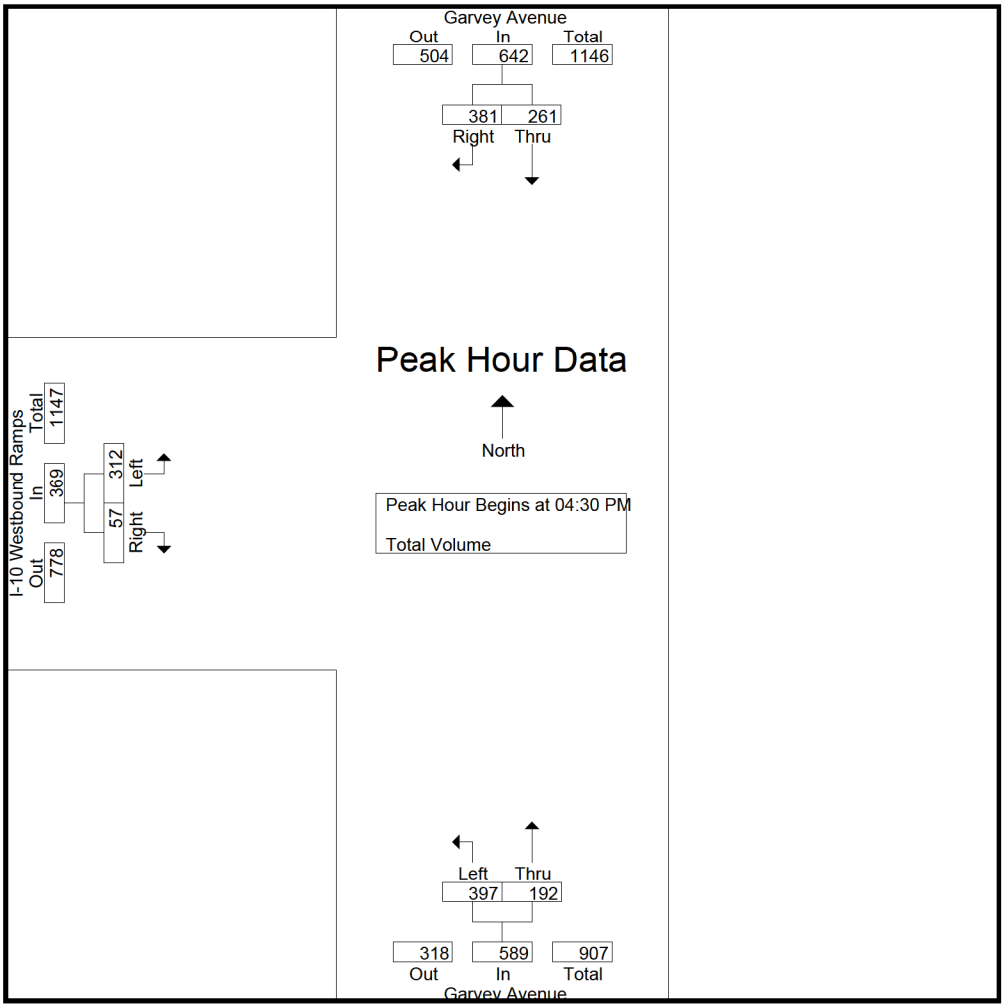
	Garvey Avenue Southbound			Garvey Avenue Northbound			I-10 Westbound Ramps Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
04:00 PM	39	80	119	84	35	119	76	16	92	330
04:15 PM	57	71	128	86	30	116	78	12	90	334
04:30 PM	53	99	152	82	35	117	83	22	105	374
04:45 PM	63	76	139	74	51	125	77	13	90	354
Total	212	326	538	326	151	477	314	63	377	1392
05:00 PM	51	89	140	105	38	143	69	14	83	366
05:15 PM	94	117	211	136	68	204	83	8	91	506
05:30 PM	48	46	94	69	32	101	53	17	70	265
05:45 PM	61	77	138	82	34	116	95	25	120	374
Total	254	329	583	392	172	564	300	64	364	1511
Grand Total	466	655	1121	718	323	1041	614	127	741	2903
Apprch %	41.6	58.4		69	31		82.9	17.1		
Total %	16.1	22.6	38.6	24.7	11.1	35.9	21.2	4.4	25.5	

	Garvey Avenue Southbound			Garvey Avenue Northbound			I-10 Westbound Ramps Eastbound			
Start Time	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:30 PM										
04:30 PM	53	99	152	82	35	117	**83**	**22**	**105**	374
04:45 PM	63	76	139	74	51	125	77	13	90	354
05:00 PM	51	89	140	105	38	143	69	14	83	366
05:15 PM	**94**	**117**	**211**	**136**	**68**	**204**	83	8	91	**506**
Total Volume	261	381	642	397	192	589	312	57	369	1600
% App. Total	40.7	59.3		67.4	32.6		84.6	15.4		
PHF	.694	.814	.761	.730	.706	.722	.940	.648	.879	.791

Counts Unlimited, Inc.
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Garvey Avenue
E/W: I-10 Westbound Ramps
Weather: Clear

File Name : 07_BPK_Garvey_10W Ramps PM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 2



Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM			04:30 PM			04:00 PM		
+0 mins.	53	99	152	82	35	117	76	16	92
+15 mins.	63	76	139	74	51	125	78	12	90
+30 mins.	51	89	140	105	38	143	**83**	**22**	**105**
+45 mins.	**94**	**117**	**211**	**136**	**68**	**204**	77	13	90
Total Volume	261	381	642	397	192	589	314	63	377
% App. Total	40.7	59.3		67.4	32.6		83.3	16.7	
PHF	.694	.814	.761	.730	.706	.722	.946	.716	.898

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Merced Avenue
E/W: Dalewood Street/Garvey Avenue
Weather: Clear

File Name : 08_BPK_Merced_Dalewood_Garvey AM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 1

Groups Printed- Total Volume

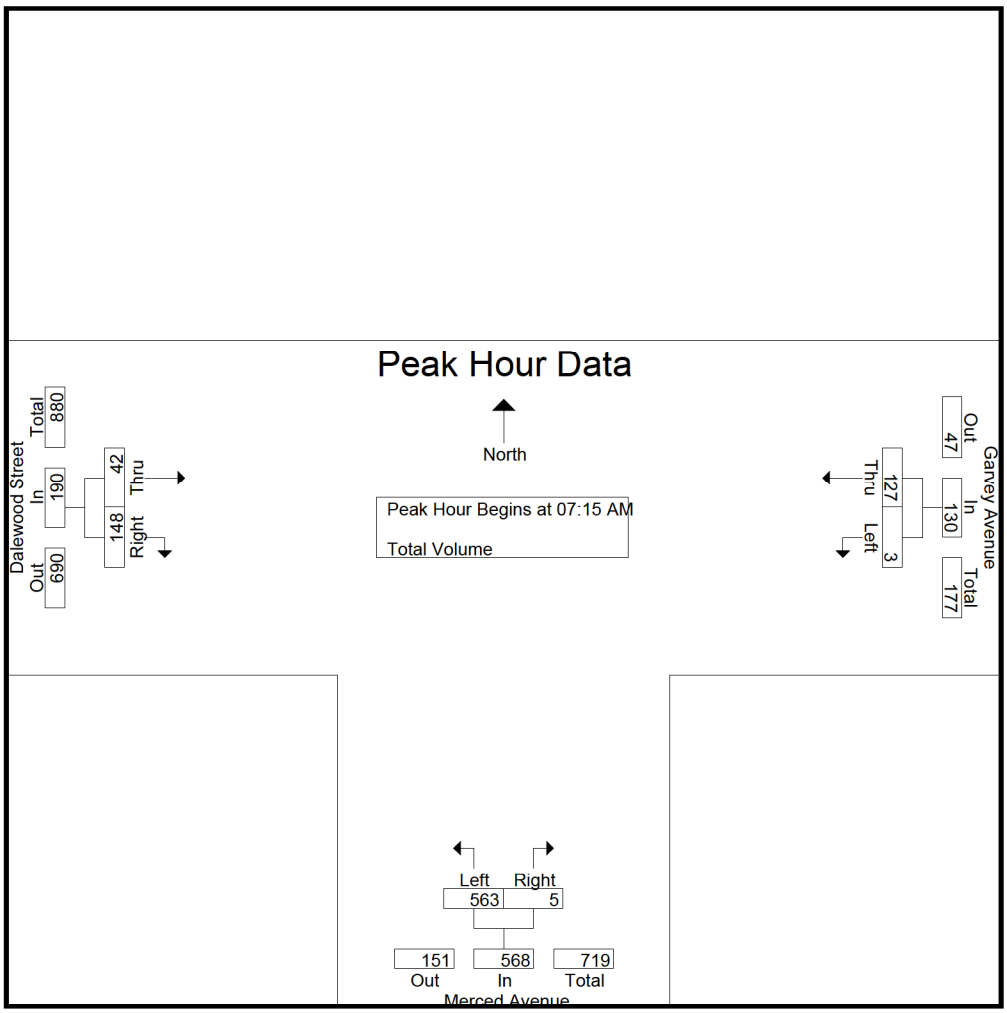
	Garvey Avenue Westbound			Merced Avenue Northbound			Dalewood Street Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
07:00 AM	0	39	39	100	0	100	4	30	34	173
07:15 AM	2	31	33	132	0	132	11	30	41	206
07:30 AM	0	36	36	165	4	169	7	41	48	253
07:45 AM	1	38	39	149	0	149	12	40	52	240
Total	3	144	147	546	4	550	34	141	175	872
08:00 AM	0	22	22	117	1	118	12	37	49	189
08:15 AM	0	23	23	81	2	83	8	28	36	142
08:30 AM	0	17	17	75	0	75	4	31	35	127
08:45 AM	1	15	16	81	1	82	13	17	30	128
Total	1	77	78	354	4	358	37	113	150	586
Grand Total	4	221	225	900	8	908	71	254	325	1458
Apprch %	1.8	98.2		99.1	0.9		21.8	78.2		
Total %	0.3	15.2	15.4	61.7	0.5	62.3	4.9	17.4	22.3	

	Garvey Avenue Westbound			Merced Avenue Northbound			Dalewood Street Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 07:15 AM										
07:15 AM	**2**	31	33	132	0	132	11	30	41	206
07:30 AM	0	36	36	**165**	**4**	**169**	7	**41**	48	**253**
07:45 AM	1	**38**	**39**	149	0	149	**12**	40	**52**	240
08:00 AM	0	22	22	117	1	118	12	37	49	189
Total Volume	3	127	130	563	5	568	42	148	190	888
% App. Total	2.3	97.7		99.1	0.9		22.1	77.9		
PHF	.375	.836	.833	.853	.313	.840	.875	.902	.913	.877

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Merced Avenue
E/W: Dalewood Street/Garvey Avenue
Weather: Clear

File Name : 08_BPK_Merced_Dalewood_Garvey AM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 2



Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	07:00 AM			07:15 AM			07:15 AM		
+0 mins.	0	**39**	**39**	132	0	132	11	30	41
+15 mins.	**2**	31	33	**165**	**4**	**169**	7	**41**	48
+30 mins.	0	36	36	149	0	149	**12**	40	**52**
+45 mins.	1	38	39	117	1	118	12	37	49
Total Volume	3	144	147	563	5	568	42	148	190
% App. Total	2	98		99.1	0.9		22.1	77.9	
PHF	.375	.923	.942	.853	.313	.840	.875	.902	.913

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Merced Avenue
E/W: Dalewood Street/Garvey Avenue
Weather: Clear

File Name : 08_BPK_Merced_Dalewood_Garvey PM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 1

Groups Printed- Total Volume

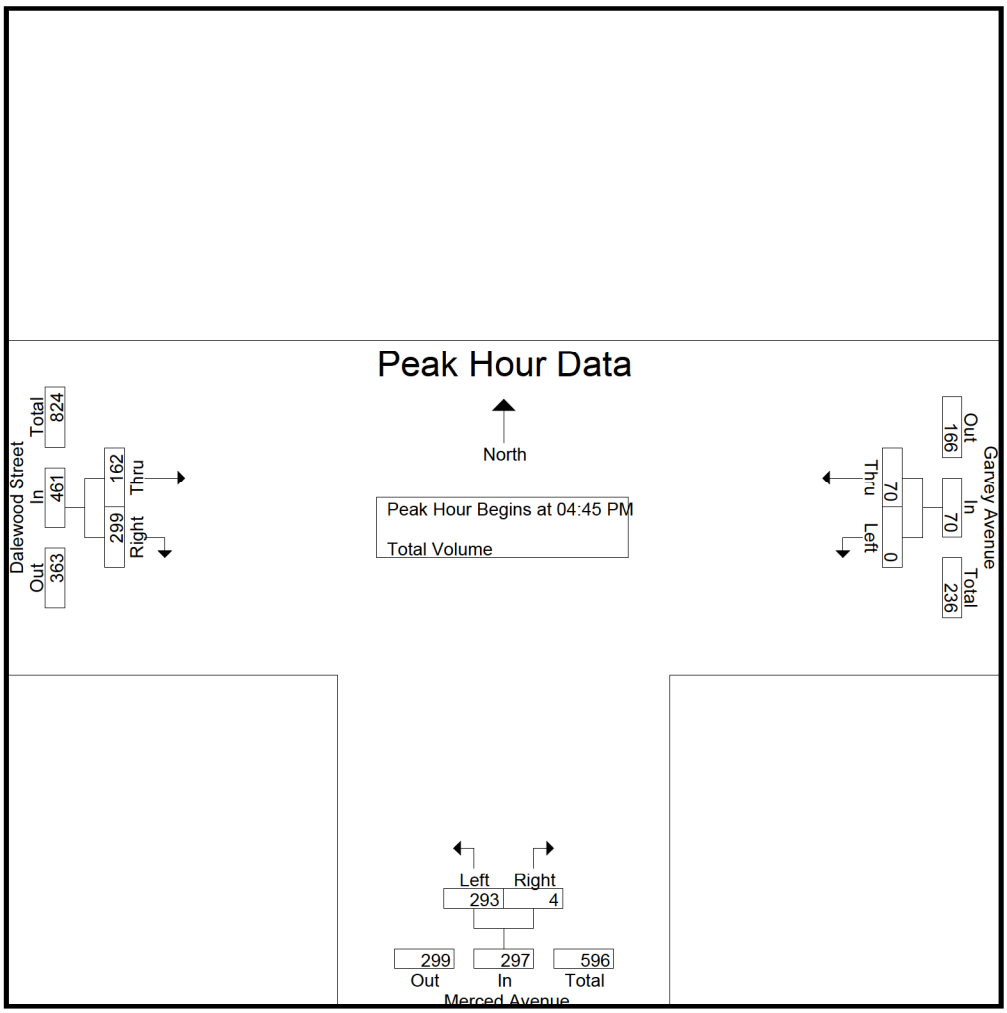
	Garvey Avenue Westbound			Merced Avenue Northbound			Dalewood Street Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
04:00 PM	1	13	14	67	0	67	50	53	103	184
04:15 PM	0	13	13	59	2	61	46	60	106	180
04:30 PM	0	19	19	62	4	66	44	66	110	195
04:45 PM	0	12	12	73	1	74	40	73	113	199
Total	1	57	58	261	7	268	180	252	432	758
05:00 PM	0	22	22	67	2	69	32	63	95	186
05:15 PM	0	17	17	80	1	81	43	86	129	227
05:30 PM	0	19	19	73	0	73	47	77	124	216
05:45 PM	0	9	9	65	2	67	31	67	98	174
Total	0	67	67	285	5	290	153	293	446	803
Grand Total	1	124	125	546	12	558	333	545	878	1561
Apprch %	0.8	99.2		97.8	2.2		37.9	62.1		
Total %	0.1	7.9	8	35	0.8	35.7	21.3	34.9	56.2	

	Garvey Avenue Westbound			Merced Avenue Northbound			Dalewood Street Eastbound			
Start Time	Left	Thru	App. Total	Left	Right	App. Total	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1										
Peak Hour for Entire Intersection Begins at 04:45 PM										
04:45 PM	0	12	12	73	1	74	40	73	113	199
05:00 PM	0	**22**	**22**	67	**2**	69	32	63	95	186
05:15 PM	0	17	17	**80**	1	**81**	43	**86**	**129**	**227**
05:30 PM	0	19	19	73	0	73	**47**	77	124	216
Total Volume	0	70	70	293	4	297	162	299	461	828
% App. Total	0	100		98.7	1.3		35.1	64.9		
PHF	.000	.795	.795	.916	.500	.917	.862	.869	.893	.912

Counts Unlimited
PO Box 1178
Corona, CA 92878
(951) 268-6268

City of Baldwin Park
N/S: Merced Avenue
E/W: Dalewood Street/Garvey Avenue
Weather: Clear

File Name : 08_BPK_Merced_Dalewood_Garvey PM
Site Code : 07517594
Start Date : 9/13/2017
Page No : 2

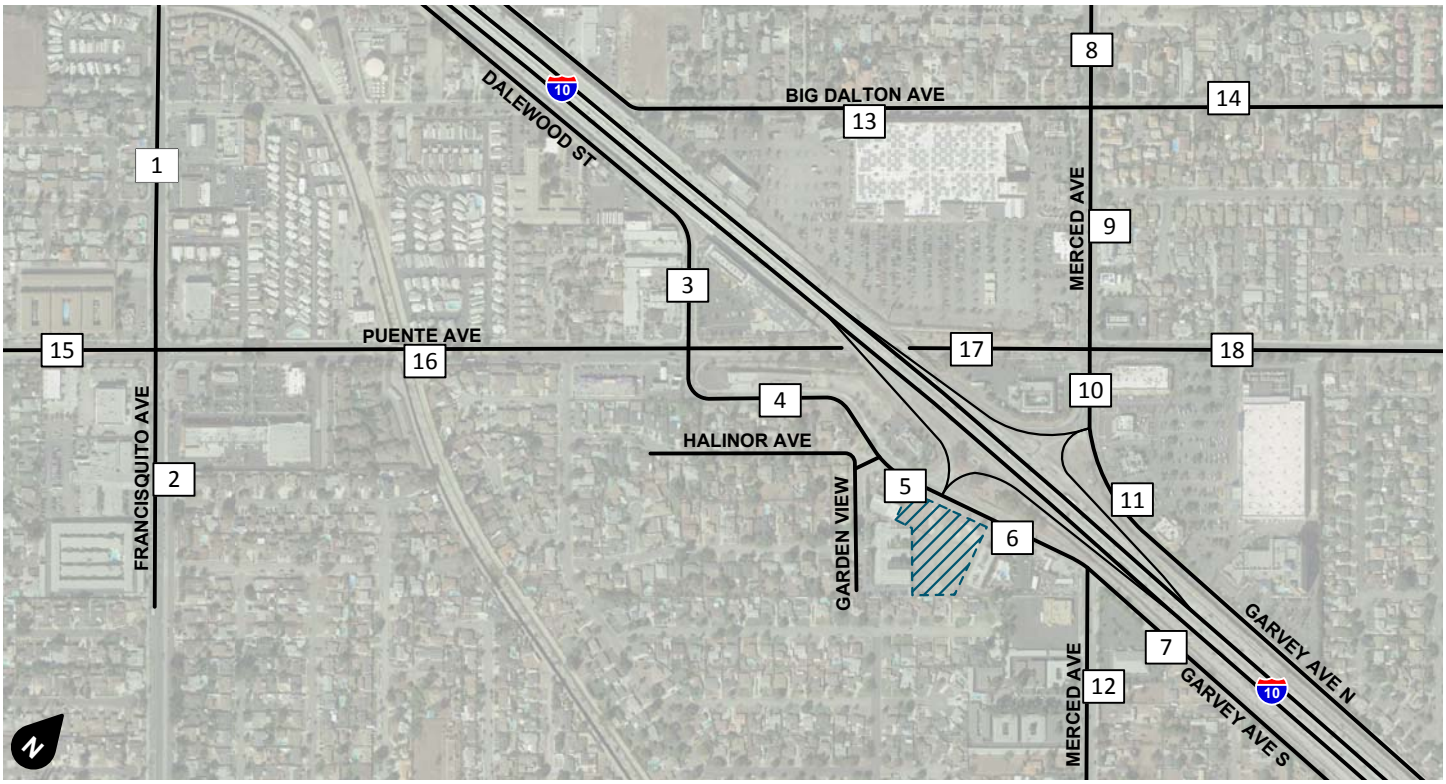


Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:30 PM			04:45 PM			04:45 PM		
+0 mins.	0	19	19	73	1	74	40	73	113
+15 mins.	0	12	12	67	**2**	69	32	63	95
+30 mins.	0	**22**	**22**	**80**	1	**81**	43	**86**	**129**
+45 mins.	0	17	17	73	0	73	**47**	77	124
Total Volume	0	70	70	293	4	297	162	299	461
% App. Total	0	100		98.7	1.3		35.1	64.9	
PHF	.000	.795	.795	.916	.500	.917	.862	.869	.893

APPENDIX C

AVERAGE DAILY TRAFFIC VOLUMES



ID	Roadway	Segment	ADT (in 1,000's)						
			Factored from 2017 Counts	Existing (2020)	Project	Other Development	Existing Plus Project	Opening Year (2024) Without Project	Opening Year (2024) With Project
1	Francisquito Ave	n/o Puente Ave	20.1	20.7	Nom	0.8	20.7	22.3	22.3
2	Francisquito Ave	s/o Puente Ave	19.5	20.1	Nom	0.7	20.1	21.6	21.6
3	Dalewood St	n/o Puente Ave	7.5	7.7	Nom	Nom	7.7	8.0	8.0
4	Dalewood St	Puente Ave to Garden View Ln	12.7	13.1	0.5	Nom	13.6	13.6	14.1
5	Dalewood St	Garden View Ln to I-10 EB Ramps	13.0	13.4	0.5	Nom	13.9	13.9	14.4
6	Dalewood St	I-10 EB Ramps to Merced Ave	9.8	10.1	0.2	Nom	10.3	10.5	10.7
7	Garvey Ave South	e/o Merced Ave	2.9	3.0	0.1	Nom	3.1	3.1	3.2
8	Merced Ave	n/o Big Dalton Ave	12.7	13.1	Nom	0.2	13.1	13.8	13.8
9	Merced Ave	Big Dalton Ave to Puente Ave	14.3	14.7	Nom	0.2	14.7	15.5	15.5
10	Merced Ave	Puente Ave to I-10 WB Ramps	11.5	11.8	0.2	Nom	12.0	12.3	12.5
11	Merced Ave	s/o I-10 WB Ramps	9.1	9.4	Nom	Nom	9.4	9.8	9.8
12	Merced Ave	s/o Dalewood St/Garvey Ave	7.0	7.2	0.1	Nom	7.3	7.5	7.6
13	Big Dalton Ave	w/o Merced Ave	5.2	5.4	Nom	Nom	5.4	5.6	5.6
14	Big Dalton Ave	e/o Merced Ave	4.3	4.4	Nom	Nom	4.4	4.6	4.6
15	Puente Ave	w/o Francisquito Ave	13.8	14.2	0.1	0.4	14.3	15.2	15.3
16	Puente Ave	Francisquito Ave to Dalewood St	14.0	14.4	0.2	0.2	14.6	15.2	15.4
17	Puente Ave	Dalewood St to Merced Ave	16.8	17.3	0.3	0.3	17.6	18.3	18.6
18	Puente Ave	e/o of Merced Ave	12.9	13.3	0.1	0.2	13.4	14.0	14.1

Notes:

Nom = Nominal; Less than 50 vehicles per day.

Figure C-1
Average Daily Traffic Volumes

APPENDIX D

INTERSECTION LEVEL OF SERVICE WORKSHEETS

EXISTING (2020)

14622 Dalewood Street

Vistro File: G:\...\E AM.vistro
Report File: G:\...\E AM.pdf

Scenario 1 Existing
7/28/2020

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Francisquito Ave (NS) at Puente Ave (EW)	Signalized	ICU 1	NB Thru	0.694	-	B
2	Dalewood St (NS) at Puente Ave (EW)	Signalized	ICU 1	EB Thru	0.748	-	C
3	Garden View (NS) at Dalewood St (EW)	Two-way stop	HCM 6th Edition	NB Left	0.075	30.9	D
4	I-10 EB Ramps (NS) at Dalewood St (EW)	Signalized	HCM 6th Edition	SB Right	0.774	23.6	C
5	Merced Ave (NS) at Big Dalton Ave (EW)	All-way stop	HCM 6th Edition	SB Thru	0.762	24.2	C
6	Merced Ave (NS) at Puente Ave (EW)	Signalized	ICU 1	SB Right	0.699	-	B
7	Merced Ave (NS) at I-10 WB Ramps (EW)	Signalized	HCM 6th Edition	NB Left	0.806	17.2	B
8	Merced Ave (NS) at Dalewood St/Garvey Ave (EW)	All-way stop	HCM 6th Edition	NB Left	1.143	69.6	F

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Francisquito Ave (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.694

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	1	0	1	1	0	0
Pocket Length [ft]	80.00	100.00	100.00	80.00	100.00	100.00	170.00	100.00	205.00	175.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	110	805	125	118	559	116	130	403	85	127	417	104
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	113	829	129	122	576	119	134	415	88	131	430	107
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	28	207	32	31	144	30	34	104	22	33	108	27
Total Analysis Volume [veh/h]	113	829	129	122	576	119	134	415	88	131	430	107
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss
Signal group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.07	0.30	0.30	0.08	0.22	0.22	0.08	0.13	0.06	0.08	0.13	0.07
Intersection LOS	B											
Intersection V/C	0.694											

Intersection Level Of Service Report
Intersection 2: Dalewood St (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.748

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	50	113	264	102	123	43	17	361	344	287	505	66
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	52	116	272	105	127	44	18	372	354	296	520	68
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	13	29	68	26	32	11	5	93	89	74	130	17
Total Analysis Volume [veh/h]	52	116	272	105	127	44	18	372	354	296	520	68
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss
Signal group	0	2	0	0	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.03	0.11	0.17	0.07	0.15	0.03	0.01	0.23	0.23	0.19	0.18	0.18
Intersection LOS	C											
Intersection V/C	0.748											

Intersection Level Of Service Report
Intersection 3: Garden View (NS) at Dalewood St (EW)

Control Type:	Two-way stop	Delay (sec / veh):	30.9
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.075

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	11	40	749	14	5	441
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	11	41	771	14	5	454
Peak Hour Factor	0.9010	0.9010	0.9010	0.9010	0.9010	0.9010
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	3	11	214	4	1	126
Total Analysis Volume [veh/h]	12	46	856	16	6	504
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.08	0.13	0.01	0.00	0.01	0.01
d_M, Delay for Movement [s/veh]	30.88	18.33	0.00	0.00	9.64	0.00
Movement LOS	D	C	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.75	0.75	0.00	0.00	0.02	0.02
95th-Percentile Queue Length [ft/ln]	18.78	18.78	0.00	0.00	0.48	0.48
d_A, Approach Delay [s/veh]	20.92		0.00		0.11	
Approach LOS	C		A		A	
d_I, Intersection Delay [s/veh]	0.88					
Intersection LOS	D					

Intersection Level Of Service Report
Intersection 4: I-10 EB Ramps (NS) at Dalewood St (EW)

Control Type:	Signalized	Delay (sec / veh):	23.6
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.774

Intersection Setup

Name						
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	1
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	135.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	227	105	548	204	319	280
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	234	108	564	210	329	288
Peak Hour Factor	0.8820	0.8820	0.8820	0.8820	0.8820	0.8820
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	66	31	160	60	93	82
Total Analysis Volume [veh/h]	265	122	639	238	373	327
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	65
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	LeadGreen
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Split	Split	Protected	Permissive	Permissive	Permissive
Signal group	1	0	3	8	4	0
Auxiliary Signal Groups						
Lead / Lag	Lead	-	Lead	-	-	-
Minimum Green [s]	7	0	7	7	7	0
Maximum Green [s]	30	0	30	30	30	0
Amber [s]	3.0	0.0	3.0	3.0	3.0	0.0
All red [s]	1.0	0.0	1.0	1.0	1.0	0.0
Split [s]	43	0	11	22	11	0
Vehicle Extension [s]	3.0	0.0	3.0	3.0	3.0	0.0
Walk [s]	7	0	0	7	7	0
Pedestrian Clearance [s]	0	0	0	0	0	0
Rest In Walk	No			No	No	
I1, Start-Up Lost Time [s]	2.0	0.0	2.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	0.0	2.0	2.0	2.0	0.0
Minimum Recall	No		No	No	No	
Maximum Recall	No		No	No	No	
Pedestrian Recall	No		No	No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	R	L	C	C	R
C, Cycle Length [s]	65	65	65	65	65	65
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00	2.00	2.00	2.00
g_i, Effective Green Time [s]	8	8	25	49	20	20
g / C, Green / Cycle	0.12	0.12	0.39	0.76	0.31	0.31
(v / s)_i Volume / Saturation Flow Rate	0.08	0.08	0.35	0.07	0.20	0.20
s, saturation flow rate [veh/h]	3514	1615	1810	3618	1900	1615
c, Capacity [veh/h]	425	195	706	2736	580	493
d1, Uniform Delay [s]	27.23	27.23	18.74	2.07	19.58	19.73
k, delay calibration	0.11	0.11	0.17	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	1.51	3.26	7.00	0.06	5.43	6.90
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.62	0.63	0.91	0.09	0.64	0.66
d, Delay for Lane Group [s/veh]	28.74	30.50	25.74	2.13	25.00	26.63
Lane Group LOS	C	C	C	A	C	C
Critical Lane Group	No	Yes	Yes	No	No	Yes
50th-Percentile Queue Length [veh/ln]	1.95	1.90	9.43	0.22	5.36	4.90
50th-Percentile Queue Length [ft/ln]	48.87	47.38	235.64	5.40	133.91	122.62
95th-Percentile Queue Length [veh/ln]	3.52	3.41	14.46	0.39	9.15	8.54
95th-Percentile Queue Length [ft/ln]	87.97	85.28	361.51	9.72	228.80	213.42

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	28.74	30.50	25.74	2.13	25.00	26.63
Movement LOS	C	C	C	A	C	C
d_A, Approach Delay [s/veh]	29.29		19.33		25.76	
Approach LOS	C		B		C	
d_I, Intersection Delay [s/veh]	23.59					
Intersection LOS	C					
Intersection V/C	0.774					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	22.43	22.43	22.43
l_p,int, Pedestrian LOS Score for Intersection	2.443	2.448	2.406
Crosswalk LOS	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	32.50	32.50	32.50
l_b,int, Bicycle LOS Score for Intersection	4.132	4.856	5.287
Bicycle LOS	D	E	F

Sequence

Ring 1	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Merced Ave (NS) at Big Dalton Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	24.2
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.762

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	0	0	1	0	0	0
Pocket Length [ft]	92.00	100.00	100.00	52.00	100.00	100.00	100.00	100.00	106.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	147	406	22	93	525	56	28	38	60	57	103	79
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	151	418	23	96	541	58	29	39	62	59	106	81
Peak Hour Factor	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	42	117	6	27	151	16	8	11	17	16	30	23
Total Analysis Volume [veh/h]	169	467	26	107	604	65	32	44	69	66	118	91
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	403	427	431	413	439	447	380	418	450
Degree of Utilization, x	0.42	0.58	0.57	0.26	0.76	0.75	0.20	0.17	0.61

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	2.03	3.53	3.48	1.02	6.44	6.21	0.74	0.59	4.00
95th-Percentile Queue Length [ft]	50.64	88.35	86.94	25.52	160.94	155.26	18.40	14.65	99.99
Approach Delay [s/veh]	20.80			29.54			13.81		22.85
Approach LOS	C			D			B		C
Intersection Delay [s/veh]	24.21								
Intersection LOS	C								

Intersection Level Of Service Report
Intersection 6: Merced Ave (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.699

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	0	0	0	0	0	0
Pocket Length [ft]	165.00	100.00	100.00	155.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	88	203	21	84	254	403	197	235	212	180	344	168
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	91	209	22	87	262	415	203	242	218	185	354	173
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	23	52	6	22	66	104	51	61	55	46	89	43
Total Analysis Volume [veh/h]	91	209	22	87	262	415	203	242	218	185	354	173
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Split	Split	Split	Split	Split	Split
Signal group	5	2	0	1	6	0	0	8	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	-	-	-	-	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.03	0.13	0.01	0.05	0.08	0.26	0.13	0.14	0.14	0.12	0.16	0.16
Intersection LOS	B											
Intersection V/C	0.699											

Intersection Level Of Service Report
Intersection 7: Merced Ave (NS) at I-10 WB Ramps (EW)

Control Type:	Signalized	Delay (sec / veh):	17.2
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.806

Intersection Setup

Name						
Approach	Northbound		Southbound		Eastbound	
Lane Configuration						
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	265	216	89	578	112	43
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	273	222	92	595	115	44
Peak Hour Factor	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	72	58	24	157	30	12
Total Analysis Volume [veh/h]	287	234	97	626	121	46
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	85
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	LeadGreen
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Protected	Permissive	Permissive	Permissive	Permissive	Permissive
Signal group	5	2	6	0	3	0
Auxiliary Signal Groups						
Lead / Lag	Lead	-	-	-	Lead	-
Minimum Green [s]	7	7	7	0	7	0
Maximum Green [s]	30	30	30	0	30	0
Amber [s]	3.0	3.0	3.0	0.0	3.0	0.0
All red [s]	1.0	1.0	1.0	0.0	1.0	0.0
Split [s]	63	74	11	0	11	0
Vehicle Extension [s]	3.0	3.0	3.0	0.0	3.0	0.0
Walk [s]	0	7	7	0	7	0
Pedestrian Clearance [s]	0	0	0	0	0	0
Rest In Walk		No	No		No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	2.0	0.0	2.0	0.0
Minimum Recall	No	No	No		No	
Maximum Recall	No	No	No		No	
Pedestrian Recall	No	No	No		No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	R	L	R
C, Cycle Length [s]	50	50	50	50	50	50
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00	2.00	2.00	2.00
g_i, Effective Green Time [s]	10	36	22	22	6	6
g / C, Green / Cycle	0.20	0.71	0.43	0.43	0.13	0.13
(v / s)_i Volume / Saturation Flow Rate	0.16	0.12	0.05	0.39	0.07	0.03
s, saturation flow rate [veh/h]	1810	1900	1900	1615	1810	1615
c, Capacity [veh/h]	363	1358	826	702	228	203
d1, Uniform Delay [s]	19.10	2.33	8.47	13.12	20.59	19.78
k, delay calibration	0.11	0.11	0.11	0.19	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	3.88	0.06	0.06	7.13	1.91	0.56
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.79	0.17	0.12	0.89	0.53	0.23
d, Delay for Lane Group [s/veh]	22.98	2.39	8.53	20.25	22.50	20.34
Lane Group LOS	C	A	A	C	C	C
Critical Lane Group	Yes	No	No	Yes	Yes	No
50th-Percentile Queue Length [veh/ln]	3.21	0.32	0.53	6.50	1.33	0.47
50th-Percentile Queue Length [ft/ln]	80.27	7.88	13.14	162.60	33.19	11.80
95th-Percentile Queue Length [veh/ln]	5.78	0.57	0.95	10.69	2.39	0.85
95th-Percentile Queue Length [ft/ln]	144.49	14.18	23.66	267.16	59.74	21.24

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	22.98	2.39	8.53	20.25	22.50	20.34
Movement LOS	C	A	A	C	C	C
d_A, Approach Delay [s/veh]	13.73		18.68		21.91	
Approach LOS	B		B		C	
d_I, Intersection Delay [s/veh]	17.23					
Intersection LOS	B					
Intersection V/C	0.806					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	32.21	32.21	32.21
l_p,int, Pedestrian LOS Score for Intersection	2.153	2.507	2.288
Crosswalk LOS	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	42.50	42.50	42.50
l_b,int, Bicycle LOS Score for Intersection	4.992	5.325	4.132
Bicycle LOS	E	F	D

Sequence

Ring 1	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 8: Merced Ave (NS) at Dalewood St/Garvey Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	69.6
Analysis Method:	HCM 6th Edition	Level Of Service:	F
Analysis Period:	15 minutes	Volume to Capacity (v/c):	1.143

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	563	5	49	172	3	127
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	580	5	50	177	3	131
Peak Hour Factor	0.8770	0.8770	0.8770	0.8770	0.8770	0.8770
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	165	1	14	50	1	37
Total Analysis Volume [veh/h]	661	6	57	202	3	149
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	661	718	642	576
Degree of Utilization, x	1.14	0.01	0.40	0.26

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	21.72	0.03	1.95	1.05
95th-Percentile Queue Length [ft]	543.06	0.63	48.72	26.35
Approach Delay [s/veh]	105.15		12.34	11.47
Approach LOS	F		B	B
Intersection Delay [s/veh]	69.64			
Intersection LOS	F			

14622 Dalewood Street

Vistro File: G:\...\E PM.vistro
Report File: G:\...\E PM.pdf

Scenario 1 Existing
7/28/2020

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Francisquito Ave (NS) at Puente Ave (EW)	Signalized	ICU 1	SB Thru	0.744	-	C
2	Dalewood St (NS) at Puente Ave (EW)	Signalized	ICU 1	SB Thru	0.901	-	E
3	Garden View (NS) at Dalewood St (EW)	Two-way stop	HCM 6th Edition	NB Left	0.104	31.1	D
4	I-10 EB Ramps (NS) at Dalewood St (EW)	Signalized	HCM 6th Edition	SB Right	0.626	16.1	B
5	Merced Ave (NS) at Big Dalton Ave (EW)	All-way stop	HCM 6th Edition	SB Thru	0.768	23.9	C
6	Merced Ave (NS) at Puente Ave (EW)	Signalized	ICU 1	EB Thru	0.720	-	C
7	Merced Ave (NS) at I-10 WB Ramps (EW)	Signalized	HCM 6th Edition	EB Left	0.848	21.5	C
8	Merced Ave (NS) at Dalewood St/Garvey Ave (EW)	All-way stop	HCM 6th Edition	EB Right	0.955	35.2	E

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Francisquito Ave (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.744

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	1	0	1	1	0	0
Pocket Length [ft]	80.00	100.00	100.00	80.00	100.00	100.00	170.00	100.00	205.00	175.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	78	630	104	166	875	93	167	608	123	135	311	77
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	80	649	107	171	901	96	172	626	127	139	320	79
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	20	162	27	43	225	24	43	157	32	35	80	20
Total Analysis Volume [veh/h]	80	649	107	171	901	96	172	626	127	139	320	79
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss
Signal group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.05	0.24	0.24	0.11	0.31	0.31	0.11	0.20	0.08	0.09	0.10	0.05
Intersection LOS	C											
Intersection V/C	0.744											

Intersection Level Of Service Report
Intersection 2: Dalewood St (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.901

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	23	44	262	234	389	41	9	450	363	190	516	30
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	24	45	270	241	401	42	9	464	374	196	531	31
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	6	11	68	60	100	11	2	116	94	49	133	8
Total Analysis Volume [veh/h]	24	45	270	241	401	42	9	464	374	196	531	31
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss
Signal group	0	2	0	0	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.02	0.04	0.17	0.15	0.40	0.03	0.01	0.26	0.26	0.12	0.18	0.18
Intersection LOS	E											
Intersection V/C	0.901											

Intersection Level Of Service Report
Intersection 3: Garden View (NS) at Dalewood St (EW)

Control Type:	Two-way stop	Delay (sec / veh):	31.1
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.104

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	16	30	925	18	10	308
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	16	31	953	19	10	317
Peak Hour Factor	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	4	8	248	5	3	83
Total Analysis Volume [veh/h]	17	32	993	20	10	330
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.10	0.11	0.01	0.00	0.01	0.00
d_M, Delay for Movement [s/veh]	31.09	21.27	0.00	0.00	10.28	0.00
Movement LOS	D	C	A	A	B	A
95th-Percentile Queue Length [veh/ln]	0.78	0.78	0.00	0.00	0.04	0.04
95th-Percentile Queue Length [ft/ln]	19.47	19.47	0.00	0.00	1.10	1.10
d_A, Approach Delay [s/veh]	24.67		0.00		0.30	
Approach LOS	C		A		A	
d_I, Intersection Delay [s/veh]	0.94					
Intersection LOS	D					

Intersection Level Of Service Report
Intersection 4: I-10 EB Ramps (NS) at Dalewood St (EW)

Control Type:	Signalized	Delay (sec / veh):	16.1
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.626

Intersection Setup

Name						
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	1
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	135.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	195	71	452	435	201	85
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	201	73	466	448	207	88
Peak Hour Factor	0.8460	0.8460	0.8460	0.8460	0.8460	0.8460
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	59	22	138	132	61	26
Total Analysis Volume [veh/h]	238	86	551	530	245	104
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	60
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	LeadGreen
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Split	Split	Protected	Permissive	Permissive	Permissive
Signal group	1	0	3	8	4	0
Auxiliary Signal Groups						
Lead / Lag	Lead	-	Lead	-	-	-
Minimum Green [s]	7	0	7	7	7	0
Maximum Green [s]	30	0	30	30	30	0
Amber [s]	3.0	0.0	3.0	3.0	3.0	0.0
All red [s]	1.0	0.0	1.0	1.0	1.0	0.0
Split [s]	38	0	11	22	11	0
Vehicle Extension [s]	3.0	0.0	3.0	3.0	3.0	0.0
Walk [s]	7	0	0	7	7	0
Pedestrian Clearance [s]	0	0	0	0	0	0
Rest In Walk	No			No	No	
I1, Start-Up Lost Time [s]	2.0	0.0	2.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	0.0	2.0	2.0	2.0	0.0
Minimum Recall	No		No	No	No	
Maximum Recall	No		No	No	No	
Pedestrian Recall	No		No	No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	R	L	C	C	R
C, Cycle Length [s]	60	60	60	60	60	60
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00	2.00	2.00	2.00
g_i, Effective Green Time [s]	7	7	21	45	20	20
g / C, Green / Cycle	0.12	0.12	0.34	0.75	0.34	0.34
(v / s)_i Volume / Saturation Flow Rate	0.07	0.05	0.30	0.15	0.13	0.06
s, saturation flow rate [veh/h]	3514	1615	1810	3618	1900	1615
c, Capacity [veh/h]	413	190	623	2712	644	547
d1, Uniform Delay [s]	25.13	24.75	18.59	2.21	15.10	14.06
k, delay calibration	0.11	0.11	0.12	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	1.28	1.69	4.72	0.16	1.71	0.77
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.58	0.45	0.88	0.20	0.38	0.19
d, Delay for Lane Group [s/veh]	26.41	26.44	23.31	2.37	16.81	14.83
Lane Group LOS	C	C	C	A	B	B
Critical Lane Group	Yes	No	Yes	No	Yes	No
50th-Percentile Queue Length [veh/ln]	1.59	1.17	7.21	0.46	2.59	1.02
50th-Percentile Queue Length [ft/ln]	39.66	29.15	180.26	11.51	64.83	25.53
95th-Percentile Queue Length [veh/ln]	2.86	2.10	11.61	0.83	4.67	1.84
95th-Percentile Queue Length [ft/ln]	71.39	52.47	290.35	20.72	116.70	45.96

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	26.41	26.44	23.31	2.37	16.81	14.83
Movement LOS	C	C	C	A	B	B
d_A, Approach Delay [s/veh]	26.42		13.04		16.22	
Approach LOS	C		B		B	
d_I, Intersection Delay [s/veh]	16.15					
Intersection LOS	B					
Intersection V/C	0.626					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	20.01	20.01	20.01
l_p,int, Pedestrian LOS Score for Intersection	2.347	2.453	2.381
Crosswalk LOS	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	30.00	30.00	30.00
l_b,int, Bicycle LOS Score for Intersection	4.132	5.024	4.708
Bicycle LOS	D	F	E

Sequence

Ring 1	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Merced Ave (NS) at Big Dalton Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	23.9
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.768

Intersection Setup

Name											
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	0	0	1	0	0	0
Pocket Length [ft]	92.00	100.00	100.00	52.00	100.00	100.00	100.00	100.00	106.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	87	398	33	153	539	67	77	113	115	34	65	33
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	90	410	34	158	555	69	79	116	118	35	67	34
Peak Hour Factor	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	24	110	9	42	149	19	21	31	32	9	18	9
Total Analysis Volume [veh/h]	97	441	37	170	597	74	85	125	127	38	72	37
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	389	412	417	412	437	445	399	440	461
Degree of Utilization, x	0.25	0.58	0.57	0.41	0.77	0.75	0.53	0.29	0.32

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	0.97	3.56	3.48	1.98	6.54	6.28	2.96	1.18	1.36
95th-Percentile Queue Length [ft]	24.25	89.01	87.02	49.53	163.60	157.07	74.05	29.53	33.95
Approach Delay [s/veh]	21.28			29.43			18.62		14.43
Approach LOS	C			D			C		B
Intersection Delay [s/veh]	23.89								
Intersection LOS	C								

Intersection Level Of Service Report
Intersection 6: Merced Ave (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.720

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	0	0	0	0	0	0
Pocket Length [ft]	165.00	100.00	100.00	155.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	184	245	41	183	269	322	229	477	171	160	242	182
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	190	252	42	188	277	332	236	491	176	165	249	187
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	48	63	11	47	69	83	59	123	44	41	62	47
Total Analysis Volume [veh/h]	190	252	42	188	277	332	236	491	176	165	249	187
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Split	Split	Split	Split	Split	Split
Signal group	5	2	0	1	6	0	0	8	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	-	-	-	-	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.06	0.16	0.03	0.12	0.09	0.21	0.15	0.21	0.21	0.10	0.14	0.14
Intersection LOS	C											
Intersection V/C	0.720											

Intersection Level Of Service Report
Intersection 7: Merced Ave (NS) at I-10 WB Ramps (EW)

Control Type:	Signalized	Delay (sec / veh):	21.5
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.848

Intersection Setup

Name						
Approach	Northbound		Southbound		Eastbound	
Lane Configuration						
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	397	192	261	381	312	57
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	409	198	269	392	321	59
Peak Hour Factor	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	108	52	71	103	84	16
Total Analysis Volume [veh/h]	431	208	283	413	338	62
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	85
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	LeadGreen
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Protected	Permissive	Permissive	Permissive	Permissive	Permissive
Signal group	5	2	6	0	3	0
Auxiliary Signal Groups						
Lead / Lag	Lead	-	-	-	Lead	-
Minimum Green [s]	7	7	7	0	7	0
Maximum Green [s]	30	30	30	0	30	0
Amber [s]	3.0	3.0	3.0	0.0	3.0	0.0
All red [s]	1.0	1.0	1.0	0.0	1.0	0.0
Split [s]	63	74	11	0	11	0
Vehicle Extension [s]	3.0	3.0	3.0	0.0	3.0	0.0
Walk [s]	0	7	7	0	7	0
Pedestrian Clearance [s]	0	0	0	0	0	0
Rest In Walk		No	No		No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	2.0	0.0	2.0	0.0
Minimum Recall	No	No	No		No	
Maximum Recall	No	No	No		No	
Pedestrian Recall	No	No	No		No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	R	L	R
C, Cycle Length [s]	61	61	61	61	61	61
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00	2.00	2.00	2.00
g_i, Effective Green Time [s]	17	39	18	18	14	14
g / C, Green / Cycle	0.28	0.64	0.30	0.30	0.23	0.23
(v / s)_i Volume / Saturation Flow Rate	0.24	0.11	0.15	0.26	0.19	0.04
s, saturation flow rate [veh/h]	1810	1900	1900	1615	1810	1615
c, Capacity [veh/h]	499	1221	573	487	409	365
d1, Uniform Delay [s]	21.00	4.37	17.50	20.01	22.47	19.00
k, delay calibration	0.11	0.11	0.11	0.11	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	4.58	0.07	0.66	4.22	4.27	0.22
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.86	0.17	0.49	0.85	0.83	0.17
d, Delay for Lane Group [s/veh]	25.59	4.44	18.16	24.23	26.74	19.22
Lane Group LOS	C	A	B	C	C	B
Critical Lane Group	Yes	No	No	Yes	Yes	No
50th-Percentile Queue Length [veh/ln]	5.94	0.76	3.08	5.53	4.73	0.68
50th-Percentile Queue Length [ft/ln]	148.42	19.02	76.95	138.27	118.25	17.01
95th-Percentile Queue Length [veh/ln]	9.93	1.37	5.54	9.39	8.30	1.22
95th-Percentile Queue Length [ft/ln]	248.32	34.24	138.50	234.69	207.41	30.62

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	25.59	4.44	18.16	24.23	26.74	19.22
Movement LOS	C	A	B	C	C	B
d_A, Approach Delay [s/veh]	18.70		21.77		25.58	
Approach LOS	B		C		C	
d_I, Intersection Delay [s/veh]	21.52					
Intersection LOS	C					
Intersection V/C	0.848					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	32.21	32.21	32.21
l_p,int, Pedestrian LOS Score for Intersection	2.257	2.539	2.341
Crosswalk LOS	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	42.50	42.50	42.50
l_b,int, Bicycle LOS Score for Intersection	5.187	5.281	4.132
Bicycle LOS	F	F	D

Sequence

Ring 1	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 8: Merced Ave (NS) at Dalewood St/Garvey Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	35.2
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.955

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	293	4	218	402	0	70
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	302	4	225	414	0	72
Peak Hour Factor	0.9100	0.9100	0.9100	0.9100	0.9100	0.9100
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	83	1	62	114	0	20
Total Analysis Volume [veh/h]	332	4	247	455	0	79
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	514	621	735	580
Degree of Utilization, x	0.65	0.01	0.95	0.14

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	4.56	0.02	14.27	0.47
95th-Percentile Queue Length [ft]	114.08	0.49	356.77	11.75
Approach Delay [s/veh]	21.46		44.66	10.19
Approach LOS	C		E	B
Intersection Delay [s/veh]	35.24			
Intersection LOS	E			

EXISTING PLUS PROJECT

14622 Dalewood Street

Vistro File: G:\...\E AM.vistro
Report File: G:\...\EP AM.pdf

Scenario 2 Existing Plus Project
7/28/2020

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Francisquito Ave (NS) at Puente Ave (EW)	Signalized	ICU 1	NB Thru	0.698	-	B
2	Dalewood St (NS) at Puente Ave (EW)	Signalized	ICU 1	EB Thru	0.773	-	C
3	Garden View (NS) at Dalewood St (EW)	Two-way stop	HCM 6th Edition	NB Left	0.083	33.6	D
4	I-10 EB Ramps (NS) at Dalewood St (EW)	Signalized	HCM 6th Edition	EB Left	0.747	44.1	D
5	Merced Ave (NS) at Big Dalton Ave (EW)	All-way stop	HCM 6th Edition	SB Thru	0.769	24.5	C
6	Merced Ave (NS) at Puente Ave (EW)	Signalized	ICU 1	SB Right	0.711	-	C
7	Merced Ave (NS) at I-10 WB Ramps (EW)	Signalized	HCM 6th Edition	EB Left	0.818	17.6	B
8	Merced Ave (NS) at Dalewood St/Garvey Ave (EW)	All-way stop	HCM 6th Edition	NB Left	1.166	74.6	F

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Francisquito Ave (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.698

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	1	0	1	1	0	0
Pocket Length [ft]	80.00	100.00	100.00	80.00	100.00	100.00	170.00	100.00	205.00	175.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	110	805	125	118	559	116	130	403	85	127	417	104
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	4	4	0	0	0	8	0	1	2	1
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	113	829	133	126	576	119	134	423	88	132	432	108
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	28	207	33	32	144	30	34	106	22	33	108	27
Total Analysis Volume [veh/h]	113	829	133	126	576	119	134	423	88	132	432	108
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss
Signal group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.07	0.30	0.30	0.08	0.22	0.22	0.08	0.13	0.06	0.08	0.14	0.07
Intersection LOS	B											
Intersection V/C	0.698											

Intersection Level Of Service Report
Intersection 2: Dalewood St (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.773

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	50	113	264	102	123	43	17	361	344	287	505	66
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	4	1	4	0	4	0	0	0	16	29	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	56	117	276	105	131	44	18	372	370	325	520	68
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	14	29	69	26	33	11	5	93	93	81	130	17
Total Analysis Volume [veh/h]	56	117	276	105	131	44	18	372	370	325	520	68
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss
Signal group	0	2	0	0	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.04	0.11	0.17	0.07	0.15	0.03	0.01	0.23	0.23	0.20	0.18	0.18
Intersection LOS	C											
Intersection V/C	0.773											

Intersection Level Of Service Report
Intersection 3: Garden View (NS) at Dalewood St (EW)

Control Type:	Two-way stop	Delay (sec / veh):	33.6
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.083

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	11	40	749	14	5	441
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	49	0	0	9
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	11	41	820	14	5	463
Peak Hour Factor	0.9010	0.9010	0.9010	0.9010	0.9010	0.9010
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	3	11	228	4	1	128
Total Analysis Volume [veh/h]	12	46	910	16	6	514
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop		Free		Free	
Flared Lane	No					
Storage Area [veh]	0		0		0	
Two-Stage Gap Acceptance	No					
Number of Storage Spaces in Median	0		0		0	

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.08	0.14	0.01	0.00	0.01	0.01
d_M, Delay for Movement [s/veh]	33.64	19.70	0.00	0.00	9.86	0.00
Movement LOS	D	C	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.83	0.83	0.00	0.00	0.02	0.02
95th-Percentile Queue Length [ft/ln]	20.63	20.63	0.00	0.00	0.51	0.51
d_A, Approach Delay [s/veh]	22.58		0.00		0.11	
Approach LOS	C		A		A	
d_I, Intersection Delay [s/veh]	0.91					
Intersection LOS	D					

Intersection Level Of Service Report
Intersection 4: I-10 EB Ramps (NS) at Dalewood St (EW)

Control Type:	Signalized	Delay (sec / veh):	44.1
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.747

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	1
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	135.00
Speed [mph]		30.00			30.00			30.00			30.00	
Grade [%]		0.00			0.00			0.00			0.00	
Curb Present		No			No			No			No	
Crosswalk		Yes			Yes			Yes			Yes	

Volumes

Name												
Base Volume Input [veh/h]	0	0	0	227	0	105	548	204	0	0	319	280
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	9	3	4	0	17	0	0	0	49	16	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	9	3	4	234	17	108	564	210	49	16	329	288
Peak Hour Factor	0.8820	0.8820	0.8820	0.8820	0.8820	0.8820	0.8820	0.8820	0.8820	0.8820	0.8820	0.8820
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	3	1	1	66	5	31	160	60	14	5	93	82
Total Analysis Volume [veh/h]	10	3	5	265	19	122	639	238	56	18	373	327
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing		0			0			0			0	
v_di, Inbound Pedestrian Volume crossing m		0			0			0			0	
v_co, Outbound Pedestrian Volume crossing		0			0			0			0	
v_ci, Inbound Pedestrian Volume crossing mi		0			0			0			0	
v_ab, Corner Pedestrian Volume [ped/h]		0			0			0			0	
Bicycle Volume [bicycles/h]		0			0			0			0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	90
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	LeadGreen
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Split	Split	Split	Split	Split	Split	Split	Split	Split	Split	Split	Split
Signal group	0	2	0	0	6	0	0	8	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	7	0	0	7	0	0	7	0	0	7	0
Maximum Green [s]	0	30	0	0	30	0	0	30	0	0	30	0
Amber [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0
All red [s]	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0
Split [s]	0	11	0	0	11	0	0	45	0	0	23	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0
Walk [s]	0	7	0	0	7	0	0	7	0	0	7	0
Pedestrian Clearance [s]	0	0	0	0	0	0	0	0	0	0	0	0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
Minimum Recall		No			No			No			No	
Maximum Recall		No			No			No			No	
Pedestrian Recall		No			No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	L	C	R	L	C	C	C	R
C, Cycle Length [s]	90	90	90	90	90	90	90	90	90
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
g_i, Effective Green Time [s]	3	9	9	9	31	31	31	31	31
g / C, Green / Cycle	0.03	0.10	0.10	0.10	0.35	0.35	0.35	0.35	0.35
(v / s)_i Volume / Saturation Flow Rate	0.01	0.08	0.08	0.08	0.35	0.08	0.08	0.21	0.20
s, saturation flow rate [veh/h]	1764	1810	1821	1615	1810	1900	1776	1896	1615
c, Capacity [veh/h]	52	181	183	162	627	658	615	657	559
d1, Uniform Delay [s]	42.90	39.60	39.60	39.48	29.47	20.94	20.94	24.27	24.16
k, delay calibration	0.11	0.11	0.11	0.11	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	3.86	7.10	7.05	6.91	40.98	0.82	0.88	3.95	4.42
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.34	0.78	0.78	0.75	1.02	0.23	0.23	0.60	0.58
d, Delay for Lane Group [s/veh]	46.75	46.70	46.65	46.39	70.46	21.76	21.82	28.22	28.58
Lane Group LOS	D	D	D	D	F	C	C	C	C
Critical Lane Group	Yes	Yes	No	No	Yes	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	0.45	3.37	3.39	2.90	20.06	2.38	2.23	7.36	6.21
50th-Percentile Queue Length [ft/ln]	11.14	84.23	84.70	72.47	501.40	59.39	55.77	183.99	155.34
95th-Percentile Queue Length [veh/ln]	0.80	6.06	6.10	5.22	27.77	4.28	4.02	11.81	10.30
95th-Percentile Queue Length [ft/ln]	20.05	151.62	152.46	130.44	694.20	106.89	100.39	295.22	257.54

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	46.75	46.75	46.75	46.67	46.65	46.39	70.46	21.78	21.82	28.22	28.22	28.58
Movement LOS	D	D	D	D	D	D	F	C	C	C	C	C
d_A, Approach Delay [s/veh]	46.75			46.59			55.12			28.39		
Approach LOS	D			D			E			C		
d_I, Intersection Delay [s/veh]	44.13											
Intersection LOS	D											
Intersection V/C	0.747											

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	34.67	34.67	34.67	34.67
l_p,int, Pedestrian LOS Score for Intersection	1.768	2.466	2.481	2.429
Crosswalk LOS	A	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	156	156	911	422
d_b, Bicycle Delay [s]	38.27	38.27	13.34	28.01
l_b,int, Bicycle LOS Score for Intersection	1.589	2.230	2.329	2.744
Bicycle LOS	A	B	B	B

Sequence

Ring 1	2	6	4	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Merced Ave (NS) at Big Dalton Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	24.5
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.769

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	0	0	1	0	0	0
Pocket Length [ft]	92.00	100.00	100.00	52.00	100.00	100.00	100.00	100.00	106.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	147	406	22	93	525	56	28	38	60	57	103	79
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	1	0	0	4	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	151	419	23	96	545	58	29	39	62	59	106	81
Peak Hour Factor	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	42	117	6	27	152	16	8	11	17	16	30	23
Total Analysis Volume [veh/h]	169	468	26	107	609	65	32	44	69	66	118	91
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	402	426	430	413	438	446	379	416	447
Degree of Utilization, x	0.42	0.58	0.57	0.26	0.77	0.76	0.20	0.17	0.61

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	2.03	3.56	3.51	1.02	6.57	6.34	0.74	0.59	4.03
95th-Percentile Queue Length [ft]	50.82	89.10	87.68	25.57	164.35	158.58	18.47	14.71	100.78
Approach Delay [s/veh]	20.93			30.12			13.86		23.05
Approach LOS	C			D			B		C
Intersection Delay [s/veh]	24.54								
Intersection LOS	C								

Intersection Level Of Service Report
Intersection 6: Merced Ave (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.711

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	0	0	0	0	0	0
Pocket Length [ft]	165.00	100.00	100.00	155.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	88	203	21	84	254	403	197	235	212	180	344	168
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	17	0	0	0	0	4	1	2	1	0	8	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	108	209	22	87	262	419	204	244	219	185	362	173
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	27	52	6	22	66	105	51	61	55	46	91	43
Total Analysis Volume [veh/h]	108	209	22	87	262	419	204	244	219	185	362	173
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Split	Split	Split	Split	Split	Split
Signal group	5	2	0	1	6	0	0	8	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	-	-	-	-	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.03	0.13	0.01	0.05	0.08	0.26	0.13	0.14	0.14	0.12	0.17	0.17
Intersection LOS	C											
Intersection V/C	0.711											

Intersection Level Of Service Report
Intersection 7: Merced Ave (NS) at I-10 WB Ramps (EW)

Control Type:	Signalized	Delay (sec / veh):	17.6
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.818

Intersection Setup

Name						
Approach	Northbound		Southbound		Eastbound	
Lane Configuration						
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	265	216	89	578	112	43
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	1	17	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	273	222	92	596	132	44
Peak Hour Factor	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	72	58	24	157	35	12
Total Analysis Volume [veh/h]	287	234	97	627	139	46
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	60
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	LeadGreen
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Protected	Permissive	Permissive	Permissive	Permissive	Permissive
Signal group	5	2	6	0	3	0
Auxiliary Signal Groups						
Lead / Lag	Lead	-	-	-	Lead	-
Minimum Green [s]	7	7	7	0	7	0
Maximum Green [s]	30	30	30	0	30	0
Amber [s]	3.0	3.0	3.0	0.0	3.0	0.0
All red [s]	1.0	1.0	1.0	0.0	1.0	0.0
Split [s]	27	48	21	0	12	0
Vehicle Extension [s]	3.0	3.0	3.0	0.0	3.0	0.0
Walk [s]	0	7	7	0	7	0
Pedestrian Clearance [s]	0	0	0	0	0	0
Rest In Walk		No	No		No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	2.0	0.0	2.0	0.0
Minimum Recall	No	No	No		No	
Maximum Recall	No	No	No		No	
Pedestrian Recall	No	No	No		No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	R	L	R
C, Cycle Length [s]	51	51	51	51	51	51
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00	2.00	2.00	2.00
g_i, Effective Green Time [s]	10	36	22	22	6	6
g / C, Green / Cycle	0.20	0.71	0.43	0.43	0.13	0.13
(v / s)_i Volume / Saturation Flow Rate	0.16	0.12	0.05	0.39	0.08	0.03
s, saturation flow rate [veh/h]	1810	1900	1900	1615	1810	1615
c, Capacity [veh/h]	362	1356	826	702	232	207
d1, Uniform Delay [s]	19.26	2.36	8.53	13.23	20.86	19.82
k, delay calibration	0.11	0.11	0.11	0.20	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	3.92	0.06	0.06	7.36	2.47	0.54
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.79	0.17	0.12	0.89	0.60	0.22
d, Delay for Lane Group [s/veh]	23.17	2.42	8.59	20.59	23.33	20.36
Lane Group LOS	C	A	A	C	C	C
Critical Lane Group	Yes	No	No	Yes	Yes	No
50th-Percentile Queue Length [veh/ln]	3.24	0.33	0.53	6.62	1.57	0.47
50th-Percentile Queue Length [ft/ln]	81.11	8.17	13.30	165.60	39.23	11.85
95th-Percentile Queue Length [veh/ln]	5.84	0.59	0.96	10.84	2.82	0.85
95th-Percentile Queue Length [ft/ln]	145.99	14.71	23.93	271.12	70.62	21.34

Movement, Approach, & Intersection Results

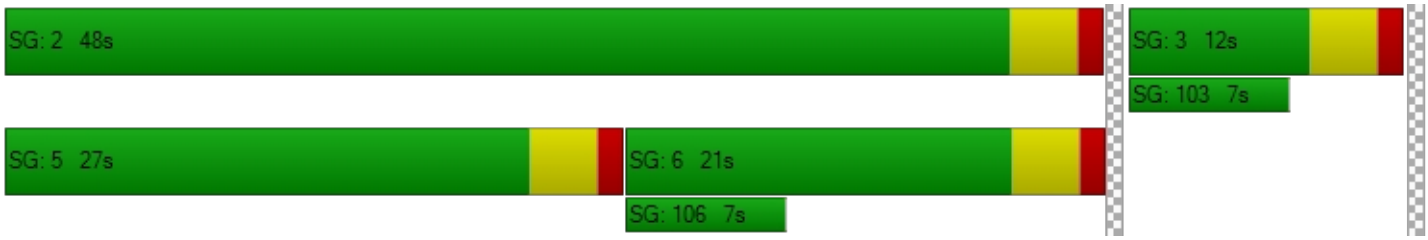
d_M, Delay for Movement [s/veh]	23.17	2.42	8.59	20.59	23.33	20.36
Movement LOS	C	A	A	C	C	C
d_A, Approach Delay [s/veh]	13.85		18.99		22.59	
Approach LOS	B		B		C	
d_I, Intersection Delay [s/veh]	17.58					
Intersection LOS	B					
Intersection V/C	0.818					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	20.01	20.01	20.01
l_p,int, Pedestrian LOS Score for Intersection	2.133	2.491	2.275
Crosswalk LOS	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	30.00	30.00	30.00
l_b,int, Bicycle LOS Score for Intersection	4.992	5.327	4.132
Bicycle LOS	E	F	D

Sequence

Ring 1	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 8: Merced Ave (NS) at Dalewood St/Garvey Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	74.6
Analysis Method:	HCM 6th Edition	Level Of Service:	F
Analysis Period:	15 minutes	Volume to Capacity (v/c):	1.166

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	563	5	49	172	3	127
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	8	0	2	2	0	8
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	588	5	52	179	3	139
Peak Hour Factor	0.8770	0.8770	0.8770	0.8770	0.8770	0.8770
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	168	1	15	51	1	40
Total Analysis Volume [veh/h]	670	6	59	204	3	158
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	670	713	640	576
Degree of Utilization, x	1.17	0.01	0.41	0.28

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	22.89	0.03	2.01	1.14
95th-Percentile Queue Length [ft]	572.15	0.64	50.23	28.52
Approach Delay [s/veh]	113.69		12.50	11.67
Approach LOS	F		B	B
Intersection Delay [s/veh]	74.57			
Intersection LOS	F			

14622 Dalewood Street

Vistro File: G:\...\E PM.vistro
Report File: G:\...\EP PM.pdf

Scenario 2 Existing Plus Project
7/28/2020

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Francisquito Ave (NS) at Puente Ave (EW)	Signalized	ICU 1	SB Thru	0.747	-	C
2	Dalewood St (NS) at Puente Ave (EW)	Signalized	ICU 1	SB Thru	0.916	-	E
3	Garden View (NS) at Dalewood St (EW)	Two-way stop	HCM 6th Edition	NB Left	0.113	33.4	D
4	I-10 EB Ramps (NS) at Dalewood St (EW)	Signalized	HCM 6th Edition	EB Left	0.649	37.0	D
5	Merced Ave (NS) at Big Dalton Ave (EW)	All-way stop	HCM 6th Edition	SB Thru	0.771	24.1	C
6	Merced Ave (NS) at Puente Ave (EW)	Signalized	ICU 1	EB Right	0.727	-	C
7	Merced Ave (NS) at I-10 WB Ramps (EW)	Signalized	HCM 6th Edition	EB Left	0.854	22.4	C
8	Merced Ave (NS) at Dalewood St/Garvey Ave (EW)	All-way stop	HCM 6th Edition	EB Right	0.981	39.2	E

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Francisquito Ave (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.747

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	1	0	1	1	0	0
Pocket Length [ft]	80.00	100.00	100.00	80.00	100.00	100.00	170.00	100.00	205.00	175.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	78	630	104	166	875	93	167	608	123	135	311	77
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	1	1	0	0	0	2	0	4	7	4
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	80	649	108	172	901	96	172	628	127	143	327	83
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	20	162	27	43	225	24	43	157	32	36	82	21
Total Analysis Volume [veh/h]	80	649	108	172	901	96	172	628	127	143	327	83
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss
Signal group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.05	0.24	0.24	0.11	0.31	0.31	0.11	0.20	0.08	0.09	0.10	0.05
Intersection LOS	C											
Intersection V/C	0.747											

Intersection Level Of Service Report
Intersection 2: Dalewood St (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.916

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	23	44	262	234	389	41	9	450	363	190	516	30
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	15	4	25	0	1	0	0	0	4	7	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	39	49	295	241	402	42	9	464	378	203	531	31
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	10	12	74	60	101	11	2	116	95	51	133	8
Total Analysis Volume [veh/h]	39	49	295	241	402	42	9	464	378	203	531	31
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss
Signal group	0	2	0	0	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.02	0.06	0.18	0.15	0.40	0.03	0.01	0.26	0.26	0.13	0.18	0.18
Intersection LOS	E											
Intersection V/C	0.916											

Intersection Level Of Service Report
Intersection 3: Garden View (NS) at Dalewood St (EW)

Control Type:	Two-way stop	Delay (sec / veh):	33.4
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.113

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	16	30	925	18	10	308
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	12	0	0	44
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	16	31	965	19	10	361
Peak Hour Factor	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	4	8	251	5	3	94
Total Analysis Volume [veh/h]	17	32	1005	20	10	376
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop		Free		Free	
Flared Lane	No					
Storage Area [veh]	0		0		0	
Two-Stage Gap Acceptance	No					
Number of Storage Spaces in Median	0		0		0	

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.11	0.11	0.01	0.00	0.01	0.00
d_M, Delay for Movement [s/veh]	33.44	21.94	0.00	0.00	10.33	0.00
Movement LOS	D	C	A	A	B	A
95th-Percentile Queue Length [veh/ln]	0.83	0.83	0.00	0.00	0.04	0.04
95th-Percentile Queue Length [ft/ln]	20.63	20.63	0.00	0.00	1.11	1.11
d_A, Approach Delay [s/veh]	25.93		0.00		0.27	
Approach LOS	D		A		A	
d_I, Intersection Delay [s/veh]	0.94					
Intersection LOS	D					

Intersection Level Of Service Report
Intersection 4: I-10 EB Ramps (NS) at Dalewood St (EW)

Control Type:	Signalized	Delay (sec / veh):	37.0
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.649

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	1
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	135.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Curb Present	No			No			No			No		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	0	0	0	195	0	71	452	435	0	0	201	85
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	44	15	14	0	4	0	0	0	12	4	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	44	15	14	201	4	73	466	448	12	4	207	88
Peak Hour Factor	0.8460	0.8460	0.8460	0.8460	0.8460	0.8460	0.8460	0.8460	0.8460	0.8460	0.8460	0.8460
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	13	4	4	59	1	22	138	132	4	1	61	26
Total Analysis Volume [veh/h]	52	18	17	238	5	86	551	530	14	5	245	104
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0			0			0			0		
v_di, Inbound Pedestrian Volume crossing m	0			0			0			0		
v_co, Outbound Pedestrian Volume crossing	0			0			0			0		
v_ci, Inbound Pedestrian Volume crossing mi	0			0			0			0		
v_ab, Corner Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	80
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	LeadGreen
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Split	Split	Split	Split	Split	Split	Split	Split	Split	Split	Split	Split
Signal group	0	2	0	0	6	0	0	8	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	7	0	0	7	0	0	7	0	0	7	0
Maximum Green [s]	0	30	0	0	30	0	0	30	0	0	30	0
Amber [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0
All red [s]	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0
Split [s]	0	11	0	0	11	0	0	40	0	0	18	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0
Walk [s]	0	7	0	0	7	0	0	7	0	0	7	0
Pedestrian Clearance [s]	0	0	0	0	0	0	0	0	0	0	0	0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
Minimum Recall		No			No			No			No	
Maximum Recall		No			No			No			No	
Pedestrian Recall		No			No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	L	C	R	L	C	C	C	R
C, Cycle Length [s]	80	80	80	80	80	80	80	80	80
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
g_i, Effective Green Time [s]	6	7	7	7	25	25	25	25	25
g / C, Green / Cycle	0.08	0.09	0.09	0.09	0.32	0.32	0.32	0.32	0.32
(v / s)_i Volume / Saturation Flow Rate	0.05	0.07	0.07	0.05	0.30	0.14	0.14	0.13	0.06
s, saturation flow rate [veh/h]	1785	1810	1813	1615	1810	1900	1883	1898	1615
c, Capacity [veh/h]	135	163	163	145	574	603	598	602	513
d1, Uniform Delay [s]	35.98	35.56	35.56	35.04	26.83	21.80	21.80	21.49	19.95
k, delay calibration	0.11	0.11	0.11	0.11	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	5.07	6.64	6.63	3.81	28.76	2.45	2.47	2.10	0.89
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.64	0.75	0.75	0.59	0.96	0.45	0.45	0.41	0.20
d, Delay for Lane Group [s/veh]	41.06	42.20	42.19	38.85	55.59	24.25	24.27	23.60	20.84
Lane Group LOS	D	D	D	D	E	C	C	C	C
Critical Lane Group	Yes	Yes	No	No	Yes	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	1.81	2.56	2.56	1.73	14.33	4.34	4.30	3.89	1.49
50th-Percentile Queue Length [ft/ln]	45.18	63.91	64.00	43.22	358.33	108.38	107.51	97.34	37.36
95th-Percentile Queue Length [veh/ln]	3.25	4.60	4.61	3.11	20.54	7.75	7.70	7.01	2.69
95th-Percentile Queue Length [ft/ln]	81.32	115.03	115.20	77.79	513.55	193.75	192.54	175.21	67.24

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	41.06	41.06	41.06	42.20	42.19	38.85	55.59	24.26	24.27	23.60	23.60	20.84
Movement LOS	D	D	D	D	D	D	E	C	C	C	C	C
d_A, Approach Delay [s/veh]	41.06			41.32			40.03			22.79		
Approach LOS	D			D			D			C		
d_I, Intersection Delay [s/veh]	37.03											
Intersection LOS	D											
Intersection V/C	0.649											

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	29.76	29.76	29.76	29.76
l_p,int, Pedestrian LOS Score for Intersection	1.762	2.369	2.485	2.402
Crosswalk LOS	A	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	175	175	900	350
d_b, Bicycle Delay [s]	33.31	33.31	12.10	27.23
l_b,int, Bicycle LOS Score for Intersection	1.703	2.102	2.463	2.144
Bicycle LOS	A	B	B	B

Sequence

Ring 1	2	6	4	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Merced Ave (NS) at Big Dalton Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	24.1
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.771

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	0	0	1	0	0	0
Pocket Length [ft]	92.00	100.00	100.00	52.00	100.00	100.00	100.00	100.00	106.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	87	398	33	153	539	67	77	113	115	34	65	33
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	4	0	0	1	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	90	414	34	158	556	69	79	116	118	35	67	34
Peak Hour Factor	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	24	111	9	42	149	19	21	31	32	9	18	9
Total Analysis Volume [veh/h]	97	445	37	170	598	74	85	125	127	38	72	37
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	389	411	417	411	436	445	398	439	459
Degree of Utilization, x	0.25	0.59	0.58	0.41	0.77	0.76	0.53	0.29	0.32

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	0.97	3.63	3.55	1.99	6.60	6.33	2.97	1.19	1.36
95th-Percentile Queue Length [ft]	24.29	90.65	88.63	49.67	164.88	158.31	74.37	29.64	34.10
Approach Delay [s/veh]	21.51			29.68			18.70		14.48
Approach LOS	C			D			C		B
Intersection Delay [s/veh]	24.08								
Intersection LOS	C								

Intersection Level Of Service Report
Intersection 6: Merced Ave (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.727

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	0	0	0	0	0	0
Pocket Length [ft]	165.00	100.00	100.00	155.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	184	245	41	183	269	322	229	477	171	160	242	182
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	4	0	0	0	0	1	4	7	14	0	2	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	194	252	42	188	277	333	240	498	190	165	251	187
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	49	63	11	47	69	83	60	125	48	41	63	47
Total Analysis Volume [veh/h]	194	252	42	188	277	333	240	498	190	165	251	187
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Split	Split	Split	Split	Split	Split
Signal group	5	2	0	1	6	0	0	8	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	-	-	-	-	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.06	0.16	0.03	0.12	0.09	0.21	0.15	0.22	0.22	0.10	0.14	0.14
Intersection LOS	C											
Intersection V/C	0.727											

Intersection Level Of Service Report
Intersection 7: Merced Ave (NS) at I-10 WB Ramps (EW)

Control Type:	Signalized	Delay (sec / veh):	22.4
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.854

Intersection Setup

Name						
Approach	Northbound		Southbound		Eastbound	
Lane Configuration						
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	397	192	261	381	312	57
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	14	4	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	409	198	269	406	325	59
Peak Hour Factor	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	108	52	71	107	86	16
Total Analysis Volume [veh/h]	431	208	283	427	342	62
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	60
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	LeadGreen
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Protected	Permissive	Permissive	Permissive	Permissive	Permissive
Signal group	5	2	6	0	3	0
Auxiliary Signal Groups						
Lead / Lag	Lead	-	-	-	Lead	-
Minimum Green [s]	7	7	7	0	7	0
Maximum Green [s]	30	30	30	0	30	0
Amber [s]	3.0	3.0	3.0	0.0	3.0	0.0
All red [s]	1.0	1.0	1.0	0.0	1.0	0.0
Split [s]	27	48	21	0	12	0
Vehicle Extension [s]	3.0	3.0	3.0	0.0	3.0	0.0
Walk [s]	0	7	7	0	7	0
Pedestrian Clearance [s]	0	0	0	0	0	0
Rest In Walk		No	No		No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	2.0	0.0	2.0	0.0
Minimum Recall	No	No	No		No	
Maximum Recall	No	No	No		No	
Pedestrian Recall	No	No	No		No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	R	L	R
C, Cycle Length [s]	63	63	63	63	63	63
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00	2.00	2.00	2.00
g_i, Effective Green Time [s]	17	41	19	19	14	14
g / C, Green / Cycle	0.27	0.65	0.31	0.31	0.23	0.23
(v / s)_i Volume / Saturation Flow Rate	0.24	0.11	0.15	0.26	0.19	0.04
s, saturation flow rate [veh/h]	1810	1900	1900	1615	1810	1615
c, Capacity [veh/h]	497	1228	585	498	411	367
d1, Uniform Delay [s]	21.80	4.44	17.75	20.54	23.24	19.60
k, delay calibration	0.11	0.11	0.11	0.12	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	4.74	0.06	0.62	5.06	4.43	0.22
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.87	0.17	0.48	0.86	0.83	0.17
d, Delay for Lane Group [s/veh]	26.54	4.50	18.37	25.60	27.67	19.82
Lane Group LOS	C	A	B	C	C	B
Critical Lane Group	Yes	No	No	Yes	Yes	No
50th-Percentile Queue Length [veh/ln]	6.20	0.80	3.17	6.05	4.99	0.71
50th-Percentile Queue Length [ft/ln]	155.11	19.88	79.20	151.35	124.81	17.70
95th-Percentile Queue Length [veh/ln]	10.29	1.43	5.70	10.09	8.66	1.27
95th-Percentile Queue Length [ft/ln]	257.24	35.79	142.56	252.23	216.42	31.86

Movement, Approach, & Intersection Results

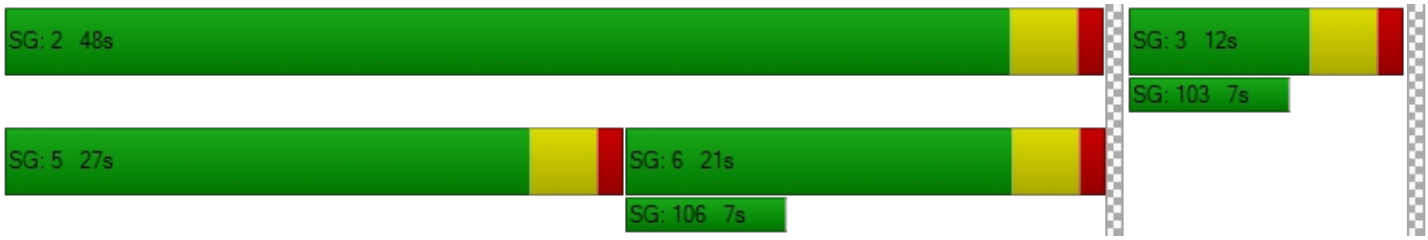
d_M, Delay for Movement [s/veh]	26.54	4.50	18.37	25.60	27.67	19.82
Movement LOS	C	A	B	C	C	B
d_A, Approach Delay [s/veh]	19.37		22.72		26.47	
Approach LOS	B		C		C	
d_I, Intersection Delay [s/veh]	22.36					
Intersection LOS	C					
Intersection V/C	0.854					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	20.01	20.01	20.01
l_p,int, Pedestrian LOS Score for Intersection	2.237	2.523	2.328
Crosswalk LOS	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	30.00	30.00	30.00
l_b,int, Bicycle LOS Score for Intersection	5.187	5.304	4.132
Bicycle LOS	F	F	D

Sequence

Ring 1	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report

Intersection 8: Merced Ave (NS) at Dalewood St/Garvey Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	39.2
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.981

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	293	4	218	402	0	70
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	2	0	7	7	0	2
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	304	4	232	421	0	74
Peak Hour Factor	0.9100	0.9100	0.9100	0.9100	0.9100	0.9100
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	84	1	64	116	0	20
Total Analysis Volume [veh/h]	334	4	255	463	0	81
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	510	616	732	575
Degree of Utilization, x	0.66	0.01	0.98	0.14

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	4.70	0.02	15.57	0.49
95th-Percentile Queue Length [ft]	117.38	0.49	389.26	12.20
Approach Delay [s/veh]	22.02		50.48	10.29
Approach LOS	C		F	B
Intersection Delay [s/veh]	39.16			
Intersection LOS	E			

14622 Dalewood Street

Vistro File: G:\...\E PM.vistro
Report File: G:\...\EP PM.pdf

Scenario 2 Existing Plus Project
7/28/2020

Trip Generation summary

Added Trips

Zone ID: Name	Land Use variables	Code	Ind. Var.	Rate	Quantity	% In	% Out	Trips In	Trips Out	Total Trips	% of Total Trips
1: Project				1.000	0.000	50.00	50.00	20	73	93	100.00
					Added Trips Total			**20**	**73**	**93**	**100.00**

14622 Dalewood Street

Vistro File: G:\...\Mit_E AM.vistro
Report File: G:\...\Mit_EP AM.pdf

Scenario 2 Existing Plus Project
7/28/2020

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
2	Dalewood St (NS) at Puente Ave (EW)	Signalized	ICU 1	EB Right	0.773	-	C
8	Merced Ave (NS) at Dalewood St/Garvey Ave (EW)	Signalized	ICU 1	NB Left	0.685	-	B

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 2: Dalewood St (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.773

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	50	113	264	102	123	43	17	361	344	287	505	66
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	4	1	4	0	4	0	0	0	16	29	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	56	117	276	105	131	44	18	372	370	325	520	68
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	14	29	69	26	33	11	5	93	93	81	130	17
Total Analysis Volume [veh/h]	56	117	276	105	131	44	18	372	370	325	520	68
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Split	Split	Split	Split	Split	Split
Signal group	0	2	0	0	6	0	0	8	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.04	0.11	0.17	0.07	0.15	0.03	0.01	0.12	0.23	0.20	0.18	0.18
Intersection LOS	C											
Intersection V/C	0.773											

Intersection Level Of Service Report
Intersection 8: Merced Ave (NS) at Dalewood St/Garvey Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.685

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	563	5	49	172	3	127
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	8	0	2	2	0	8
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	588	5	52	179	3	139
Peak Hour Factor	0.8770	0.8770	0.8770	0.8770	0.8770	0.8770
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	168	1	15	51	1	40
Total Analysis Volume [veh/h]	670	6	59	204	3	158
Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive
Signal group	5	0	8	0	0	4
Auxiliary Signal Groups						
Lead / Lag	Lead	-	-	-	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.42	0.00	0.16	0.16	0.00	0.10
Intersection LOS	B					
Intersection V/C	0.685					

14622 Dalewood Street

Vistro File: G:\...\Mit_E PM.vistro
Report File: G:\...\Mit_EP PM.pdf

Scenario 2 Existing Plus Project
7/28/2020

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
2	Dalewood St (NS) at Puente Ave (EW)	Signalized	ICU 1	SB Thru	0.889	-	D
8	Merced Ave (NS) at Dalewood St/Garvey Ave (EW)	Signalized	ICU 1	EB Thru	0.758	-	C

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 2: Dalewood St (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.889

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	23	44	262	234	389	41	9	450	363	190	516	30
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	15	4	25	0	1	0	0	0	4	7	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	39	49	295	241	402	42	9	464	378	203	531	31
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	10	12	74	60	101	11	2	116	95	51	133	8
Total Analysis Volume [veh/h]	39	49	295	241	402	42	9	464	378	203	531	31
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss
Signal group	0	2	0	0	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.02	0.06	0.18	0.15	0.40	0.03	0.01	0.15	0.24	0.13	0.18	0.18
Intersection LOS	D											
Intersection V/C	0.889											

Intersection Level Of Service Report

Intersection 8: Merced Ave (NS) at Dalewood St/Garvey Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.758

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	293	4	218	402	0	70
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.00	1.00	1.00	1.00	1.00	1.00
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	2	0	7	7	0	2
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	304	4	232	421	0	74
Peak Hour Factor	0.9100	0.9100	0.9100	0.9100	0.9100	0.9100
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	84	1	64	116	0	20
Total Analysis Volume [veh/h]	334	4	255	463	0	81
Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive
Signal group	5	0	8	0	0	4
Auxiliary Signal Groups						
Lead / Lag	Lead	-	-	-	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.21	0.00	0.45	0.45	0.00	0.05
Intersection LOS	C					
Intersection V/C	0.758					

OPENING YEAR (2024) WITHOUT PROJECT

14622 Dalewood Street

Vistro File: G:\...\E AM.vistro
Report File: G:\...\OY AM.pdf

Scenario 3 Opening Year Without Project
7/28/2020

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Francisquito Ave (NS) at Puente Ave (EW)	Signalized	ICU 1	NB Thru	0.735	-	C
2	Dalewood St (NS) at Puente Ave (EW)	Signalized	ICU 1	EB Right	0.778	-	C
3	Garden View (NS) at Dalewood St (EW)	Two-way stop	HCM 6th Edition	NB Left	0.082	33.4	D
4	I-10 EB Ramps (NS) at Dalewood St (EW)	Signalized	HCM 6th Edition	WB Right	0.824	25.1	C
5	Merced Ave (NS) at Big Dalton Ave (EW)	All-way stop	HCM 6th Edition	SB Thru	0.836	29.2	D
6	Merced Ave (NS) at Puente Ave (EW)	Signalized	ICU 1	SB Right	0.733	-	C
7	Merced Ave (NS) at I-10 WB Ramps (EW)	Signalized	HCM 6th Edition	EB Left	0.826	19.0	B
8	Merced Ave (NS) at Dalewood St/Garvey Ave (EW)	All-way stop	HCM 6th Edition	NB Left	1.200	82.8	F

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Francisquito Ave (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.735

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	1	0	1	1	0	0
Pocket Length [ft]	80.00	100.00	100.00	80.00	100.00	100.00	170.00	100.00	205.00	175.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	110	805	125	118	559	116	130	403	85	127	417	104
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	21	2	1	24	4	13	2	0	4	7	2
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	118	883	136	128	623	128	152	434	92	140	454	113
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	30	221	34	32	156	32	38	109	23	35	114	28
Total Analysis Volume [veh/h]	118	883	136	128	623	128	152	434	92	140	454	113
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss
Signal group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.07	0.32	0.32	0.08	0.23	0.23	0.10	0.14	0.06	0.09	0.14	0.07
Intersection LOS	C											
Intersection V/C	0.735											

Intersection Level Of Service Report
Intersection 2: Dalewood St (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.778

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	50	113	264	102	123	43	17	361	344	287	505	66
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	1	0	0	0	0	5	0	3	13	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	54	121	284	109	132	46	19	392	368	311	554	71
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	14	30	71	27	33	12	5	98	92	78	139	18
Total Analysis Volume [veh/h]	54	121	284	109	132	46	19	392	368	311	554	71
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss
Signal group	0	2	0	0	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.03	0.11	0.18	0.07	0.15	0.03	0.01	0.24	0.24	0.19	0.20	0.20
Intersection LOS	C											
Intersection V/C	0.778											

Intersection Level Of Service Report
Intersection 3: Garden View (NS) at Dalewood St (EW)

Control Type:	Two-way stop	Delay (sec / veh):	33.4
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.082

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	11	40	749	14	5	441
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	3	0	0	1
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	11	43	805	15	5	473
Peak Hour Factor	0.9010	0.9010	0.9010	0.9010	0.9010	0.9010
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	3	12	223	4	1	131
Total Analysis Volume [veh/h]	12	48	893	17	6	525
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.08	0.14	0.01	0.00	0.01	0.01
d_M, Delay for Movement [s/veh]	33.40	19.42	0.00	0.00	9.80	0.00
Movement LOS	D	C	A	A	A	A
95th-Percentile Queue Length [veh/ln]	0.84	0.84	0.00	0.00	0.02	0.02
95th-Percentile Queue Length [ft/ln]	20.90	20.90	0.00	0.00	0.50	0.50
d_A, Approach Delay [s/veh]	22.22		0.00		0.11	
Approach LOS	C		A		A	
d_I, Intersection Delay [s/veh]	0.93					
Intersection LOS	D					

Intersection Level Of Service Report
Intersection 4: I-10 EB Ramps (NS) at Dalewood St (EW)

Control Type:	Signalized	Delay (sec / veh):	25.1
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.824

Intersection Setup

Name						
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	1
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	135.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	227	105	548	204	319	280
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	1	0	3	0	1	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	244	112	590	218	343	300
Peak Hour Factor	0.8820	0.8820	0.8820	0.8820	0.8820	0.8820
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	69	32	167	62	97	85
Total Analysis Volume [veh/h]	277	127	669	247	389	340
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	60
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	LeadGreen
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Split	Split	Protected	Permissive	Permissive	Permissive
Signal group	1	0	3	8	4	0
Auxiliary Signal Groups						
Lead / Lag	Lead	-	Lead	-	-	-
Minimum Green [s]	7	0	7	7	7	0
Maximum Green [s]	30	0	30	30	30	0
Amber [s]	3.0	0.0	3.0	3.0	3.0	0.0
All red [s]	1.0	0.0	1.0	1.0	1.0	0.0
Split [s]	17	0	31	43	12	0
Vehicle Extension [s]	3.0	0.0	3.0	3.0	3.0	0.0
Walk [s]	7	0	0	7	7	0
Pedestrian Clearance [s]	0	0	0	0	0	0
Rest In Walk	No			No	No	
I1, Start-Up Lost Time [s]	2.0	0.0	2.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	0.0	2.0	2.0	2.0	0.0
Minimum Recall	No		No	No	No	
Maximum Recall	No		No	No	No	
Pedestrian Recall	No		No	No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	R	L	C	C	R
C, Cycle Length [s]	60	60	60	60	60	60
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00	2.00	2.00	2.00
g_i, Effective Green Time [s]	7	7	24	45	16	16
g / C, Green / Cycle	0.12	0.12	0.41	0.75	0.27	0.27
(v / s)_i Volume / Saturation Flow Rate	0.08	0.08	0.37	0.07	0.20	0.21
s, saturation flow rate [veh/h]	3514	1615	1810	3618	1900	1615
c, Capacity [veh/h]	427	196	737	2697	516	439
d1, Uniform Delay [s]	25.21	25.20	16.76	2.09	20.07	20.21
k, delay calibration	0.11	0.11	0.22	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	1.67	3.56	8.72	0.07	9.80	12.57
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.65	0.65	0.91	0.09	0.75	0.77
d, Delay for Lane Group [s/veh]	26.87	28.76	25.48	2.16	29.87	32.78
Lane Group LOS	C	C	C	A	C	C
Critical Lane Group	Yes	No	Yes	No	No	Yes
50th-Percentile Queue Length [veh/ln]	1.87	1.82	9.23	0.20	5.93	5.52
50th-Percentile Queue Length [ft/ln]	46.80	45.49	230.78	5.11	148.28	137.91
95th-Percentile Queue Length [veh/ln]	3.37	3.28	14.21	0.37	9.93	9.37
95th-Percentile Queue Length [ft/ln]	84.23	81.88	355.35	9.19	248.13	234.21

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	26.87	28.76	25.48	2.16	29.87	32.78
Movement LOS	C	C	C	A	C	C
d_A, Approach Delay [s/veh]	27.47		19.19		31.23	
Approach LOS	C		B		C	
d_I, Intersection Delay [s/veh]	25.10					
Intersection LOS	C					
Intersection V/C	0.824					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	20.01	20.01	20.01
l_p,int, Pedestrian LOS Score for Intersection	2.453	2.458	2.414
Crosswalk LOS	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	30.00	30.00	30.00
l_b,int, Bicycle LOS Score for Intersection	4.132	4.888	5.335
Bicycle LOS	D	E	F

Sequence

Ring 1	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Merced Ave (NS) at Big Dalton Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	29.2
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.836

Intersection Setup

Name											
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	0	0	1	0	0	0
Pocket Length [ft]	92.00	100.00	100.00	52.00	100.00	100.00	100.00	100.00	106.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	147	406	22	93	525	56	28	38	60	57	103	79
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	4	0	0	11	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	157	439	24	100	574	60	30	41	64	61	110	84
Peak Hour Factor	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	44	123	7	28	160	17	8	11	18	17	31	23
Total Analysis Volume [veh/h]	175	491	27	112	641	67	34	46	72	68	123	94
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	388	411	414	399	424	430	362	395	425
Degree of Utilization, x	0.45	0.63	0.62	0.28	0.84	0.82	0.22	0.18	0.67

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	2.27	4.19	4.12	1.13	7.98	7.71	0.83	0.66	4.80
95th-Percentile Queue Length [ft]	56.73	104.77	103.10	28.34	199.53	192.77	20.84	16.43	119.90
Approach Delay [s/veh]	23.60			37.32			14.69		27.09
Approach LOS	C			E			B		D
Intersection Delay [s/veh]	29.18								
Intersection LOS	D								

Intersection Level Of Service Report
Intersection 6: Merced Ave (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.733

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	0	0	0	0	0	0
Pocket Length [ft]	165.00	100.00	100.00	155.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	88	203	21	84	254	403	197	235	212	180	344	168
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	1	0	3	0	8	2	3	1	0	8	1
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	95	218	23	93	272	440	213	255	228	192	376	181
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	24	55	6	23	68	110	53	64	57	48	94	45
Total Analysis Volume [veh/h]	95	218	23	93	272	440	213	255	228	192	376	181
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Split	Split	Split	Split	Split	Split
Signal group	5	2	0	1	6	0	0	8	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	-	-	-	-	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.03	0.14	0.01	0.06	0.09	0.28	0.13	0.15	0.15	0.12	0.17	0.17
Intersection LOS	C											
Intersection V/C	0.733											

Intersection Level Of Service Report
Intersection 7: Merced Ave (NS) at I-10 WB Ramps (EW)

Control Type:	Signalized	Delay (sec / veh):	19.0
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.826

Intersection Setup

Name						
Approach	Northbound		Southbound		Eastbound	
Lane Configuration						
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	265	216	89	578	112	43
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	1	1	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	284	231	96	620	121	46
Peak Hour Factor	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	75	61	25	163	32	12
Total Analysis Volume [veh/h]	299	243	101	653	127	48
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	120
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	LeadGreen
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Protected	Permissive	Permissive	Permissive	Permissive	Permissive
Signal group	5	2	6	0	3	0
Auxiliary Signal Groups						
Lead / Lag	Lead	-	-	-	Lead	-
Minimum Green [s]	7	7	7	0	7	0
Maximum Green [s]	30	30	30	0	30	0
Amber [s]	3.0	3.0	3.0	0.0	3.0	0.0
All red [s]	1.0	1.0	1.0	0.0	1.0	0.0
Split [s]	79	107	28	0	13	0
Vehicle Extension [s]	3.0	3.0	3.0	0.0	3.0	0.0
Walk [s]	0	7	7	0	7	0
Pedestrian Clearance [s]	0	0	0	0	0	0
Rest In Walk		No	No		No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	2.0	0.0	2.0	0.0
Minimum Recall	No	No	No		No	
Maximum Recall	No	No	No		No	
Pedestrian Recall	No	No	No		No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	R	L	R
C, Cycle Length [s]	53	53	53	53	53	53
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00	2.00	2.00	2.00
g_i, Effective Green Time [s]	11	39	24	24	6	6
g / C, Green / Cycle	0.21	0.73	0.45	0.45	0.12	0.12
(v / s)_i Volume / Saturation Flow Rate	0.17	0.13	0.05	0.40	0.07	0.03
s, saturation flow rate [veh/h]	1810	1900	1900	1615	1810	1615
c, Capacity [veh/h]	373	1383	849	721	221	197
d1, Uniform Delay [s]	20.10	2.26	8.60	13.68	22.07	21.15
k, delay calibration	0.11	0.11	0.11	0.24	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	4.05	0.06	0.06	9.48	2.36	0.64
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.80	0.18	0.12	0.91	0.58	0.24
d, Delay for Lane Group [s/veh]	24.15	2.32	8.67	23.16	24.43	21.78
Lane Group LOS	C	A	A	C	C	C
Critical Lane Group	Yes	No	No	Yes	Yes	No
50th-Percentile Queue Length [veh/ln]	3.58	0.34	0.58	7.69	1.52	0.53
50th-Percentile Queue Length [ft/ln]	89.60	8.50	14.46	192.33	38.01	13.32
95th-Percentile Queue Length [veh/ln]	6.45	0.61	1.04	12.24	2.74	0.96
95th-Percentile Queue Length [ft/ln]	161.29	15.31	26.02	306.04	68.42	23.98

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	24.15	2.32	8.67	23.16	24.43	21.78
Movement LOS	C	A	A	C	C	C
d_A, Approach Delay [s/veh]	14.36		21.22		23.71	
Approach LOS	B		C		C	
d_I, Intersection Delay [s/veh]	18.99					
Intersection LOS	B					
Intersection V/C	0.826					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	49.50	49.50	49.50
l_p,int, Pedestrian LOS Score for Intersection	2.179	2.533	2.320
Crosswalk LOS	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	60.00	60.00	60.00
l_b,int, Bicycle LOS Score for Intersection	5.027	5.377	4.132
Bicycle LOS	F	F	D

Sequence

Ring 1	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 8: Merced Ave (NS) at Dalewood St/Garvey Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	82.8
Analysis Method:	HCM 6th Edition	Level Of Service:	F
Analysis Period:	15 minutes	Volume to Capacity (v/c):	1.200

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	563	5	49	172	3	127
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	1	0	0	1
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	603	5	53	184	3	137
Peak Hour Factor	0.8770	0.8770	0.8770	0.8770	0.8770	0.8770
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	172	1	15	52	1	39
Total Analysis Volume [veh/h]	688	6	60	210	3	156
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	688	710	640	574
Degree of Utilization, x	1.20	0.01	0.42	0.28

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	24.74	0.03	2.09	1.12
95th-Percentile Queue Length [ft]	618.57	0.64	52.34	28.12
Approach Delay [s/veh]	126.42		12.66	11.66
Approach LOS	F		B	B
Intersection Delay [s/veh]	82.82			
Intersection LOS	F			

14622 Dalewood Street

Vistro File: G:\...\E PM.vistro
Report File: G:\...\OY PM.pdf

Scenario 3 Opening Year Without Project
7/28/2020

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Francisquito Ave (NS) at Puente Ave (EW)	Signalized	ICU 1	SB Thru	0.788	-	C
2	Dalewood St (NS) at Puente Ave (EW)	Signalized	ICU 1	SB Thru	0.939	-	E
3	Garden View (NS) at Dalewood St (EW)	Two-way stop	HCM 6th Edition	NB Left	0.119	33.9	D
4	I-10 EB Ramps (NS) at Dalewood St (EW)	Signalized	HCM 6th Edition	SB Right	0.654	16.5	B
5	Merced Ave (NS) at Big Dalton Ave (EW)	All-way stop	HCM 6th Edition	SB Thru	0.842	29.0	D
6	Merced Ave (NS) at Puente Ave (EW)	Signalized	ICU 1	EB Right	0.755	-	C
7	Merced Ave (NS) at I-10 WB Ramps (EW)	Signalized	HCM 6th Edition	EB Left	0.866	24.2	C
8	Merced Ave (NS) at Dalewood St/Garvey Ave (EW)	All-way stop	HCM 6th Edition	EB Right	1.015	44.8	E

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Francisquito Ave (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.788

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	1	0	1	1	0	0
Pocket Length [ft]	80.00	100.00	100.00	80.00	100.00	100.00	170.00	100.00	205.00	175.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	78	630	104	166	875	93	167	608	123	135	311	77
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	24	4	2	27	15	6	8	0	3	5	2
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	83	699	115	180	964	115	185	659	132	148	338	84
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	21	175	29	45	241	29	46	165	33	37	85	21
Total Analysis Volume [veh/h]	83	699	115	180	964	115	185	659	132	148	338	84
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss
Signal group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.05	0.25	0.25	0.11	0.34	0.34	0.12	0.21	0.08	0.09	0.11	0.05
Intersection LOS	C											
Intersection V/C	0.788											

Intersection Level Of Service Report
Intersection 2: Dalewood St (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.939

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	23	44	262	234	389	41	9	450	363	190	516	30
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	1	0	0	0	0	14	0	2	10	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	25	47	282	251	417	44	9	497	389	206	562	32
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	6	12	71	63	104	11	2	124	97	52	141	8
Total Analysis Volume [veh/h]	25	47	282	251	417	44	9	497	389	206	562	32
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss
Signal group	0	2	0	0	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.02	0.05	0.18	0.16	0.42	0.03	0.01	0.28	0.28	0.13	0.19	0.19
Intersection LOS	E											
Intersection V/C	0.939											

Intersection Level Of Service Report
Intersection 3: Garden View (NS) at Dalewood St (EW)

Control Type:	Two-way stop	Delay (sec / veh):	33.9
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.119

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	16	30	925	18	10	308
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	2	0	0	1
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	17	32	993	20	10	331
Peak Hour Factor	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	4	8	259	5	3	86
Total Analysis Volume [veh/h]	18	33	1034	21	10	345
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.12	0.12	0.01	0.00	0.01	0.00
d_M, Delay for Movement [s/veh]	33.89	22.93	0.00	0.00	10.47	0.00
Movement LOS	D	C	A	A	B	A
95th-Percentile Queue Length [veh/ln]	0.89	0.89	0.00	0.00	0.05	0.05
95th-Percentile Queue Length [ft/ln]	22.28	22.28	0.00	0.00	1.14	1.14
d_A, Approach Delay [s/veh]	26.80		0.00		0.30	
Approach LOS	D		A		A	
d_I, Intersection Delay [s/veh]	1.01					
Intersection LOS	D					

Intersection Level Of Service Report
Intersection 4: I-10 EB Ramps (NS) at Dalewood St (EW)

Control Type:	Signalized	Delay (sec / veh):	16.5
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.654

Intersection Setup

Name						
Approach	Southbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Left	Thru	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	1
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	135.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	195	71	452	435	201	85
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	2	0	2	0	1	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	211	76	487	466	216	92
Peak Hour Factor	0.8460	0.8460	0.8460	0.8460	0.8460	0.8460
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	62	22	144	138	64	27
Total Analysis Volume [veh/h]	249	90	576	551	255	109
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	60
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	LeadGreen
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Split	Split	Protected	Permissive	Permissive	Permissive
Signal group	1	0	3	8	4	0
Auxiliary Signal Groups						
Lead / Lag	Lead	-	Lead	-	-	-
Minimum Green [s]	7	0	7	7	7	0
Maximum Green [s]	30	0	30	30	30	0
Amber [s]	3.0	0.0	3.0	3.0	3.0	0.0
All red [s]	1.0	0.0	1.0	1.0	1.0	0.0
Split [s]	38	0	11	22	11	0
Vehicle Extension [s]	3.0	0.0	3.0	3.0	3.0	0.0
Walk [s]	7	0	0	7	7	0
Pedestrian Clearance [s]	0	0	0	0	0	0
Rest In Walk	No			No	No	
I1, Start-Up Lost Time [s]	2.0	0.0	2.0	2.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	0.0	2.0	2.0	2.0	0.0
Minimum Recall	No		No	No	No	
Maximum Recall	No		No	No	No	
Pedestrian Recall	No		No	No	No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	R	L	C	C	R
C, Cycle Length [s]	60	60	60	60	60	60
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00	2.00	2.00	2.00
g_i, Effective Green Time [s]	7	7	21	45	20	20
g / C, Green / Cycle	0.12	0.12	0.36	0.75	0.33	0.33
(v / s)_i Volume / Saturation Flow Rate	0.07	0.06	0.32	0.15	0.13	0.07
s, saturation flow rate [veh/h]	3514	1615	1810	3618	1900	1615
c, Capacity [veh/h]	414	190	648	2710	617	524
d1, Uniform Delay [s]	25.20	24.79	18.18	2.23	15.85	14.71
k, delay calibration	0.11	0.11	0.14	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	1.41	1.82	5.43	0.17	2.04	0.90
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.60	0.47	0.89	0.20	0.41	0.21
d, Delay for Lane Group [s/veh]	26.61	26.62	23.62	2.40	17.89	15.61
Lane Group LOS	C	C	C	A	B	B
Critical Lane Group	Yes	No	Yes	No	Yes	No
50th-Percentile Queue Length [veh/ln]	1.67	1.23	7.60	0.48	2.81	1.11
50th-Percentile Queue Length [ft/ln]	41.73	30.65	190.09	12.09	70.34	27.72
95th-Percentile Queue Length [veh/ln]	3.00	2.21	12.13	0.87	5.06	2.00
95th-Percentile Queue Length [ft/ln]	75.11	55.17	303.15	21.75	126.61	49.90

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	26.61	26.62	23.62	2.40	17.89	15.61
Movement LOS	C	C	C	A	B	B
d_A, Approach Delay [s/veh]	26.61		13.24		17.20	
Approach LOS	C		B		B	
d_I, Intersection Delay [s/veh]	16.51					
Intersection LOS	B					
Intersection V/C	0.654					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	20.01	20.01	20.01
l_p,int, Pedestrian LOS Score for Intersection	2.358	2.467	2.392
Crosswalk LOS	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	30.00	30.00	30.00
l_b,int, Bicycle LOS Score for Intersection	4.132	5.062	4.733
Bicycle LOS	D	F	E

Sequence

Ring 1	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Merced Ave (NS) at Big Dalton Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	29.0
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.842

Intersection Setup

Name											
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	0	0	1	0	0	0
Pocket Length [ft]	92.00	100.00	100.00	52.00	100.00	100.00	100.00	100.00	106.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	87	398	33	153	539	67	77	113	115	34	65	33
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	14	0	0	7	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	94	440	35	164	584	72	82	121	123	36	70	35
Peak Hour Factor	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	25	118	9	44	157	19	22	33	33	10	19	9
Total Analysis Volume [veh/h]	101	473	38	176	628	77	88	130	132	39	75	38
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	374	395	399	395	419	427	378	415	428
Degree of Utilization, x	0.27	0.65	0.64	0.45	0.84	0.83	0.58	0.32	0.36

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	1.08	4.40	4.31	2.23	8.08	7.77	3.49	1.35	1.58
95th-Percentile Queue Length [ft]	26.95	110.07	107.68	55.67	202.00	194.22	87.24	33.77	39.54
Approach Delay [s/veh]	24.99			37.13			21.06		15.99
Approach LOS	C			E			C		C
Intersection Delay [s/veh]	28.98								
Intersection LOS	D								

Intersection Level Of Service Report
Intersection 6: Merced Ave (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.755

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	0	0	0	0	0	0
Pocket Length [ft]	165.00	100.00	100.00	155.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	184	245	41	183	269	322	229	477	171	160	242	182
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	4	0	2	0	5	6	8	1	0	7	4
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	198	266	44	198	288	350	251	519	184	172	266	198
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	50	67	11	50	72	88	63	130	46	43	67	50
Total Analysis Volume [veh/h]	198	266	44	198	288	350	251	519	184	172	266	198
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Split	Split	Split	Split	Split	Split
Signal group	5	2	0	1	6	0	0	8	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	-	-	-	-	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.06	0.17	0.03	0.12	0.09	0.22	0.16	0.22	0.22	0.11	0.15	0.15
Intersection LOS	C											
Intersection V/C	0.755											

Intersection Level Of Service Report
Intersection 7: Merced Ave (NS) at I-10 WB Ramps (EW)

Control Type:	Signalized	Delay (sec / veh):	24.2
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.866

Intersection Setup

Name						
Approach	Northbound		Southbound		Eastbound	
Lane Configuration						
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	397	192	261	381	312	57
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	1	4	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	425	206	280	409	338	61
Peak Hour Factor	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	112	54	74	108	89	16
Total Analysis Volume [veh/h]	447	217	295	431	356	64
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	95
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	LeadGreen
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Protected	Permissive	Permissive	Permissive	Permissive	Permissive
Signal group	5	2	6	0	3	0
Auxiliary Signal Groups						
Lead / Lag	Lead	-	-	-	Lead	-
Minimum Green [s]	7	7	7	0	7	0
Maximum Green [s]	30	30	30	0	30	0
Amber [s]	3.0	3.0	3.0	0.0	3.0	0.0
All red [s]	1.0	1.0	1.0	0.0	1.0	0.0
Split [s]	27	55	28	0	40	0
Vehicle Extension [s]	3.0	3.0	3.0	0.0	3.0	0.0
Walk [s]	0	7	7	0	7	0
Pedestrian Clearance [s]	0	0	0	0	0	0
Rest In Walk		No	No		No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	2.0	0.0	2.0	0.0
Minimum Recall	No	No	No		No	
Maximum Recall	No	No	No		No	
Pedestrian Recall	No	No	No		No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	R	L	R
C, Cycle Length [s]	67	67	67	67	67	67
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00	2.00	2.00	2.00
g_i, Effective Green Time [s]	19	43	21	21	16	16
g / C, Green / Cycle	0.28	0.65	0.31	0.31	0.23	0.23
(v / s)_i Volume / Saturation Flow Rate	0.25	0.11	0.16	0.27	0.20	0.04
s, saturation flow rate [veh/h]	1810	1900	1900	1615	1810	1615
c, Capacity [veh/h]	509	1232	584	497	421	376
d1, Uniform Delay [s]	23.05	4.69	19.06	21.96	24.61	20.59
k, delay calibration	0.12	0.11	0.11	0.16	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	5.70	0.07	0.68	6.63	4.74	0.21
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.88	0.18	0.50	0.87	0.85	0.17
d, Delay for Lane Group [s/veh]	28.76	4.76	19.73	28.58	29.35	20.80
Lane Group LOS	C	A	B	C	C	C
Critical Lane Group	Yes	No	No	Yes	Yes	No
50th-Percentile Queue Length [veh/ln]	7.04	0.92	3.60	6.80	5.61	0.78
50th-Percentile Queue Length [ft/ln]	176.02	23.04	90.12	169.95	140.19	19.55
95th-Percentile Queue Length [veh/ln]	11.39	1.66	6.49	11.07	9.49	1.41
95th-Percentile Queue Length [ft/ln]	284.82	41.47	162.22	276.85	237.29	35.19

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	28.76	4.76	19.73	28.58	29.35	20.80
Movement LOS	C	A	B	C	C	C
d_A, Approach Delay [s/veh]	20.91		24.99		28.05	
Approach LOS	C		C		C	
d_I, Intersection Delay [s/veh]	24.20					
Intersection LOS	C					
Intersection V/C	0.866					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	37.14	37.14	37.14
l_p,int, Pedestrian LOS Score for Intersection	2.275	2.555	2.364
Crosswalk LOS	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	47.50	47.50	47.50
l_b,int, Bicycle LOS Score for Intersection	5.228	5.330	4.132
Bicycle LOS	F	F	D

Sequence

Ring 1	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report

Intersection 8: Merced Ave (NS) at Dalewood St/Garvey Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	44.8
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	1.015

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	293	4	218	402	0	70
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	2	0	0	1
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	314	4	236	431	0	76
Peak Hour Factor	0.9100	0.9100	0.9100	0.9100	0.9100	0.9100
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	86	1	65	118	0	21
Total Analysis Volume [veh/h]	345	4	259	474	0	84
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	511	615	733	576
Degree of Utilization, x	0.68	0.01	1.01	0.15

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	5.02	0.02	17.26	0.51
95th-Percentile Queue Length [ft]	125.52	0.49	431.51	12.71
Approach Delay [s/veh]	22.99		59.14	10.32
Approach LOS	C		F	B
Intersection Delay [s/veh]	44.80			
Intersection LOS	E			

14622 Dalewood Street

Vistro File: G:\...\E PM.vistro
Report File: G:\...\OY PM.pdf

Scenario 3 Opening Year Without Project
7/28/2020

Trip Generation summary

Added Trips

Zone ID: Name	Land Use variables	Code	Ind. Var.	Rate	Quantity	% In	% Out	Trips In	Trips Out	Total Trips	% of Total Trips
12: TAZ 1				1.000	0.000	50.00	50.00	63	153	216	18.67
13: TAZ 2				1.000	0.000	50.00	50.00	35	20	55	4.75
14: TAZ 3				1.000	0.000	50.00	50.00	44	30	74	6.40
15: TAZ 4				1.000	0.000	50.00	50.00	2	1	3	0.26
16: TAZ 5				1.000	0.000	50.00	50.00	384	425	809	69.92
					Added Trips Total			**528**	**629**	**1157**	**100.00**

OPENING YEAR (2024) WITH PROJECT

14622 Dalewood Street

Vistro File: G:\...\E AM.vistro
Report File: G:\...\OYP AM.pdf

Scenario 4 Opening Year With Project
7/28/2020

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Francisquito Ave (NS) at Puente Ave (EW)	Signalized	ICU 1	NB Thru	0.740	-	C
2	Dalewood St (NS) at Puente Ave (EW)	Signalized	ICU 1	EB Thru	0.803	-	D
3	Garden View (NS) at Dalewood St (EW)	Two-way stop	HCM 6th Edition	NB Left	0.090	36.5	E
4	I-10 EB Ramps (NS) at Dalewood St (EW)	Signalized	HCM 6th Edition	EB Left	0.774	48.9	D
5	Merced Ave (NS) at Big Dalton Ave (EW)	All-way stop	HCM 6th Edition	SB Thru	0.848	30.1	D
6	Merced Ave (NS) at Puente Ave (EW)	Signalized	ICU 1	SB Right	0.745	-	C
7	Merced Ave (NS) at I-10 WB Ramps (EW)	Signalized	HCM 6th Edition	EB Left	0.839	19.3	B
8	Merced Ave (NS) at Dalewood St/Garvey Ave (EW)	All-way stop	HCM 6th Edition	NB Left	1.224	88.2	F

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Francisquito Ave (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.740

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	1	0	1	1	0	0
Pocket Length [ft]	80.00	100.00	100.00	80.00	100.00	100.00	170.00	100.00	205.00	175.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	110	805	125	118	559	116	130	403	85	127	417	104
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	21	6	5	24	4	13	10	0	5	9	3
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	118	883	140	132	623	128	152	442	92	141	456	114
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	30	221	35	33	156	32	38	111	23	35	114	29
Total Analysis Volume [veh/h]	118	883	140	132	623	128	152	442	92	141	456	114
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss
Signal group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.07	0.32	0.32	0.08	0.23	0.23	0.10	0.14	0.06	0.09	0.14	0.07
Intersection LOS	C											
Intersection V/C	0.740											

Intersection Level Of Service Report
Intersection 2: Dalewood St (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.803

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	50	113	264	102	123	43	17	361	344	287	505	66
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	4	1	5	0	4	0	0	5	16	32	13	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	58	122	288	109	136	46	19	392	384	340	554	71
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	15	31	72	27	34	12	5	98	96	85	139	18
Total Analysis Volume [veh/h]	58	122	288	109	136	46	19	392	384	340	554	71
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss
Signal group	0	2	0	0	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.04	0.11	0.18	0.07	0.15	0.03	0.01	0.24	0.24	0.21	0.20	0.20
Intersection LOS	D											
Intersection V/C	0.803											

Intersection Level Of Service Report
Intersection 3: Garden View (NS) at Dalewood St (EW)

Control Type:	Two-way stop	Delay (sec / veh):	36.5
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.090

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	11	40	749	14	5	441
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	52	0	0	10
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	11	43	854	15	5	482
Peak Hour Factor	0.9010	0.9010	0.9010	0.9010	0.9010	0.9010
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	3	12	237	4	1	134
Total Analysis Volume [veh/h]	12	48	948	17	6	535
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.09	0.15	0.01	0.00	0.01	0.01
d_M, Delay for Movement [s/veh]	36.53	20.99	0.00	0.00	10.03	0.00
Movement LOS	E	C	A	A	B	A
95th-Percentile Queue Length [veh/ln]	0.92	0.92	0.00	0.00	0.02	0.02
95th-Percentile Queue Length [ft/ln]	23.04	23.04	0.00	0.00	0.52	0.52
d_A, Approach Delay [s/veh]	24.10		0.00		0.11	
Approach LOS	C		A		A	
d_I, Intersection Delay [s/veh]	0.96					
Intersection LOS	E					

Intersection Level Of Service Report
Intersection 4: I-10 EB Ramps (NS) at Dalewood St (EW)

Control Type:	Signalized	Delay (sec / veh):	48.9
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.774

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	1
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	135.00
Speed [mph]		30.00			30.00			30.00			30.00	
Grade [%]		0.00			0.00			0.00			0.00	
Curb Present		No			No			No			No	
Crosswalk		Yes			Yes			Yes			Yes	

Volumes

Name												
Base Volume Input [veh/h]	0	0	0	227	0	105	548	204	0	0	319	280
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	9	3	4	1	17	0	3	0	49	16	1	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	9	3	4	244	17	112	590	218	49	16	343	300
Peak Hour Factor	0.8820	0.8820	0.8820	0.8820	0.8820	0.8820	0.8820	0.8820	0.8820	0.8820	0.8820	0.8820
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	3	1	1	69	5	32	167	62	14	5	97	85
Total Analysis Volume [veh/h]	10	3	5	277	19	127	669	247	56	18	389	340
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing		0			0			0			0	
v_di, Inbound Pedestrian Volume crossing m		0			0			0			0	
v_co, Outbound Pedestrian Volume crossing		0			0			0			0	
v_ci, Inbound Pedestrian Volume crossing mi		0			0			0			0	
v_ab, Corner Pedestrian Volume [ped/h]		0			0			0			0	
Bicycle Volume [bicycles/h]		0			0			0			0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	95
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	LeadGreen
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Split	Split	Split	Split	Split	Split	Split	Split	Split	Split	Split	Split
Signal group	0	2	0	0	6	0	0	8	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	7	0	0	7	0	0	7	0	0	7	0
Maximum Green [s]	0	30	0	0	30	0	0	30	0	0	30	0
Amber [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0
All red [s]	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0
Split [s]	0	11	0	0	11	0	0	50	0	0	23	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0
Walk [s]	0	7	0	0	7	0	0	7	0	0	7	0
Pedestrian Clearance [s]	0	0	0	0	0	0	0	0	0	0	0	0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
Minimum Recall		No			No			No			No	
Maximum Recall		No			No			No			No	
Pedestrian Recall		No			No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	L	C	R	L	C	C	C	R
C, Cycle Length [s]	95	95	95	95	95	95	95	95	95
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
g_i, Effective Green Time [s]	3	10	10	10	33	33	33	33	33
g / C, Green / Cycle	0.03	0.10	0.10	0.10	0.35	0.35	0.35	0.35	0.35
(v / s)_i Volume / Saturation Flow Rate	0.01	0.08	0.08	0.08	0.37	0.08	0.08	0.21	0.21
s, saturation flow rate [veh/h]	1764	1810	1821	1615	1810	1900	1780	1896	1615
c, Capacity [veh/h]	50	185	186	165	634	666	624	665	566
d1, Uniform Delay [s]	45.33	41.73	41.73	41.60	30.88	21.85	21.85	25.53	25.40
k, delay calibration	0.11	0.11	0.11	0.11	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	4.23	7.70	7.66	7.38	51.01	0.83	0.88	4.18	4.66
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.36	0.80	0.80	0.77	1.05	0.23	0.23	0.61	0.60
d, Delay for Lane Group [s/veh]	49.56	49.44	49.39	48.99	81.88	22.68	22.73	29.71	30.06
Lane Group LOS	D	D	D	D	F	C	C	C	C
Critical Lane Group	Yes	Yes	No	No	Yes	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	0.47	3.74	3.76	3.21	22.92	2.59	2.43	8.16	6.88
50th-Percentile Queue Length [ft/ln]	11.83	93.45	93.95	80.15	573.00	64.63	60.78	204.12	171.91
95th-Percentile Queue Length [veh/ln]	0.85	6.73	6.76	5.77	31.91	4.65	4.38	12.85	11.18
95th-Percentile Queue Length [ft/ln]	21.30	168.20	169.11	144.27	797.66	116.33	109.41	321.27	279.42

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	49.56	49.56	49.56	49.41	49.39	48.99	81.88	22.70	22.73	29.71	29.71	30.06
Movement LOS	D	D	D	D	D	D	F	C	C	C	C	C
d_A, Approach Delay [s/veh]	49.56			49.28			63.43			29.87		
Approach LOS	D			D			E			C		
d_I, Intersection Delay [s/veh]	48.94											
Intersection LOS	D											
Intersection V/C	0.774											

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	37.14	37.14	37.14	37.14
l_p,int, Pedestrian LOS Score for Intersection	1.771	2.483	2.498	2.444
Crosswalk LOS	A	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	147	147	968	400
d_b, Bicycle Delay [s]	40.76	40.76	12.64	30.40
l_b,int, Bicycle LOS Score for Intersection	1.589	2.258	2.362	2.792
Bicycle LOS	A	B	B	C

Sequence

Ring 1	2	6	4	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Merced Ave (NS) at Big Dalton Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	30.1
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.848

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	0	0	1	0	0	0
Pocket Length [ft]	92.00	100.00	100.00	52.00	100.00	100.00	100.00	100.00	106.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	147	406	22	93	525	56	28	38	60	57	103	79
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	5	0	0	15	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	157	440	24	100	578	60	30	41	64	61	110	84
Peak Hour Factor	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950	0.8950
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	44	123	7	28	161	17	8	11	18	17	31	23
Total Analysis Volume [veh/h]	175	492	27	112	646	67	34	46	72	68	123	94
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	386	408	411	397	421	427	358	391	420
Degree of Utilization, x	0.45	0.64	0.63	0.28	0.85	0.83	0.22	0.18	0.68

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	2.29	4.27	4.20	1.14	8.23	7.95	0.84	0.66	4.91
95th-Percentile Queue Length [ft]	57.34	106.63	104.94	28.56	205.73	198.85	21.08	16.62	122.70
Approach Delay [s/veh]	24.00			38.77			14.83		27.85
Approach LOS	C			E			B		D
Intersection Delay [s/veh]	30.08								
Intersection LOS	D								

Intersection Level Of Service Report
Intersection 6: Merced Ave (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.745

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	0	0	0	0	0	0
Pocket Length [ft]	165.00	100.00	100.00	155.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	88	203	21	84	254	403	197	235	212	180	344	168
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	17	1	0	3	0	12	3	5	2	0	16	1
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	112	218	23	93	272	444	214	257	229	192	384	181
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	28	55	6	23	68	111	54	64	57	48	96	45
Total Analysis Volume [veh/h]	112	218	23	93	272	444	214	257	229	192	384	181
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Split	Split	Split	Split	Split	Split
Signal group	5	2	0	1	6	0	0	8	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	-	-	-	-	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.04	0.14	0.01	0.06	0.09	0.28	0.13	0.15	0.15	0.12	0.18	0.18
Intersection LOS	C											
Intersection V/C	0.745											

Intersection Level Of Service Report
Intersection 7: Merced Ave (NS) at I-10 WB Ramps (EW)

Control Type:	Signalized	Delay (sec / veh):	19.3
Analysis Method:	HCM 6th Edition	Level Of Service:	B
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.839

Intersection Setup

Name						
Approach	Northbound		Southbound		Eastbound	
Lane Configuration						
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	265	216	89	578	112	43
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	2	18	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	284	231	96	621	138	46
Peak Hour Factor	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	75	61	25	163	36	12
Total Analysis Volume [veh/h]	299	243	101	654	145	48
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	75
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	LeadGreen
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Protected	Permissive	Permissive	Permissive	Permissive	Permissive
Signal group	5	2	6	0	3	0
Auxiliary Signal Groups						
Lead / Lag	Lead	-	-	-	Lead	-
Minimum Green [s]	7	7	7	0	7	0
Maximum Green [s]	30	30	30	0	30	0
Amber [s]	3.0	3.0	3.0	0.0	3.0	0.0
All red [s]	1.0	1.0	1.0	0.0	1.0	0.0
Split [s]	19	58	39	0	17	0
Vehicle Extension [s]	3.0	3.0	3.0	0.0	3.0	0.0
Walk [s]	0	7	7	0	7	0
Pedestrian Clearance [s]	0	0	0	0	0	0
Rest In Walk		No	No		No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	2.0	0.0	2.0	0.0
Minimum Recall	No	No	No		No	
Maximum Recall	No	No	No		No	
Pedestrian Recall	No	No	No		No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	R	L	R
C, Cycle Length [s]	53	53	53	53	53	53
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00	2.00	2.00	2.00
g_i, Effective Green Time [s]	11	39	24	24	7	7
g / C, Green / Cycle	0.21	0.73	0.45	0.45	0.12	0.12
(v / s)_i Volume / Saturation Flow Rate	0.17	0.13	0.05	0.40	0.08	0.03
s, saturation flow rate [veh/h]	1810	1900	1900	1615	1810	1615
c, Capacity [veh/h]	372	1381	848	721	224	200
d1, Uniform Delay [s]	20.22	2.29	8.65	13.77	22.33	21.17
k, delay calibration	0.11	0.11	0.11	0.25	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	4.10	0.06	0.06	9.73	3.14	0.62
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.80	0.18	0.12	0.91	0.65	0.24
d, Delay for Lane Group [s/veh]	24.32	2.35	8.71	23.50	25.48	21.79
Lane Group LOS	C	A	A	C	C	C
Critical Lane Group	Yes	No	No	Yes	Yes	No
50th-Percentile Queue Length [veh/ln]	3.61	0.35	0.58	7.81	1.79	0.53
50th-Percentile Queue Length [ft/ln]	90.34	8.75	14.58	195.21	44.75	13.37
95th-Percentile Queue Length [veh/ln]	6.50	0.63	1.05	12.39	3.22	0.96
95th-Percentile Queue Length [ft/ln]	162.61	15.75	26.25	309.77	80.56	24.06

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	24.32	2.35	8.71	23.50	25.48	21.79
Movement LOS	C	A	A	C	C	C
d_A, Approach Delay [s/veh]	14.47		21.52		24.56	
Approach LOS	B		C		C	
d_I, Intersection Delay [s/veh]	19.35					
Intersection LOS	B					
Intersection V/C	0.839					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	27.31	27.31	27.31
l_p,int, Pedestrian LOS Score for Intersection	2.155	2.513	2.303
Crosswalk LOS	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	37.50	37.50	37.50
l_b,int, Bicycle LOS Score for Intersection	5.027	5.378	4.132
Bicycle LOS	F	F	D

Sequence

Ring 1	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report

Intersection 8: Merced Ave (NS) at Dalewood St/Garvey Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	88.2
Analysis Method:	HCM 6th Edition	Level Of Service:	F
Analysis Period:	15 minutes	Volume to Capacity (v/c):	1.224

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	563	5	49	172	3	127
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	8	0	3	2	0	9
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	611	5	55	186	3	145
Peak Hour Factor	0.8770	0.8770	0.8770	0.8770	0.8770	0.8770
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	174	1	16	53	1	41
Total Analysis Volume [veh/h]	697	6	63	212	3	165
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	697	705	637	573
Degree of Utilization, x	1.22	0.01	0.43	0.29

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	25.99	0.03	2.17	1.22
95th-Percentile Queue Length [ft]	649.87	0.64	54.31	30.38
Approach Delay [s/veh]	135.89		12.86	11.87
Approach LOS	F		B	B
Intersection Delay [s/veh]	88.19			
Intersection LOS	F			

14622 Dalewood Street

Vistro File: G:\...\E PM.vistro
Report File: G:\...\OYP PM.pdf

Scenario 4 Opening Year With Project
7/28/2020

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
1	Francisquito Ave (NS) at Puente Ave (EW)	Signalized	ICU 1	SB Thru	0.791	-	C
2	Dalewood St (NS) at Puente Ave (EW)	Signalized	ICU 1	SB Thru	0.954	-	E
3	Garden View (NS) at Dalewood St (EW)	Two-way stop	HCM 6th Edition	NB Left	0.129	36.6	E
4	I-10 EB Ramps (NS) at Dalewood St (EW)	Signalized	HCM 6th Edition	EB Left	0.668	39.8	D
5	Merced Ave (NS) at Big Dalton Ave (EW)	All-way stop	HCM 6th Edition	SB Thru	0.845	29.3	D
6	Merced Ave (NS) at Puente Ave (EW)	Signalized	ICU 1	EB Thru	0.762	-	C
7	Merced Ave (NS) at I-10 WB Ramps (EW)	Signalized	HCM 6th Edition	SB Right	0.873	25.5	C
8	Merced Ave (NS) at Dalewood St/Garvey Ave (EW)	All-way stop	HCM 6th Edition	EB Right	1.036	48.7	E

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 1: Francisquito Ave (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.791

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	1	0	1	1	0	0
Pocket Length [ft]	80.00	100.00	100.00	80.00	100.00	100.00	170.00	100.00	205.00	175.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	78	630	104	166	875	93	167	608	123	135	311	77
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	24	5	3	27	15	6	10	0	7	12	6
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	83	699	116	181	964	115	185	661	132	152	345	88
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	21	175	29	45	241	29	46	165	33	38	86	22
Total Analysis Volume [veh/h]	83	699	116	181	964	115	185	661	132	152	345	88
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss
Signal group	5	2	0	1	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	Lead	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.05	0.25	0.25	0.11	0.34	0.34	0.12	0.21	0.08	0.10	0.11	0.06
Intersection LOS	C											
Intersection V/C	0.791											

Intersection Level Of Service Report
Intersection 2: Dalewood St (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.954

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	23	44	262	234	389	41	9	450	363	190	516	30
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	15	4	26	0	1	0	0	14	4	9	10	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	40	51	307	251	418	44	9	497	393	213	562	32
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	10	13	77	63	105	11	2	124	98	53	141	8
Total Analysis Volume [veh/h]	40	51	307	251	418	44	9	497	393	213	562	32
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss
Signal group	0	2	0	0	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.03	0.06	0.19	0.16	0.42	0.03	0.01	0.28	0.28	0.13	0.19	0.19
Intersection LOS	E											
Intersection V/C	0.954											

Intersection Level Of Service Report
Intersection 3: Garden View (NS) at Dalewood St (EW)

Control Type:	Two-way stop	Delay (sec / veh):	36.6
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.129

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	16	30	925	18	10	308
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	14	0	0	45
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	17	32	1005	20	10	375
Peak Hour Factor	0.9600	0.9600	0.9600	0.9600	0.9600	0.9600
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	4	8	262	5	3	98
Total Analysis Volume [veh/h]	18	33	1047	21	10	391
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Priority Scheme	Stop	Free	Free
Flared Lane	No		
Storage Area [veh]	0	0	0
Two-Stage Gap Acceptance	No		
Number of Storage Spaces in Median	0	0	0

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.13	0.12	0.01	0.00	0.02	0.00
d_M, Delay for Movement [s/veh]	36.59	23.79	0.00	0.00	10.54	0.00
Movement LOS	E	C	A	A	B	A
95th-Percentile Queue Length [veh/ln]	0.95	0.95	0.00	0.00	0.05	0.05
95th-Percentile Queue Length [ft/ln]	23.70	23.70	0.00	0.00	1.15	1.15
d_A, Approach Delay [s/veh]	28.30		0.00		0.26	
Approach LOS	D		A		A	
d_I, Intersection Delay [s/veh]	1.02					
Intersection LOS	E					

Intersection Level Of Service Report
Intersection 4: I-10 EB Ramps (NS) at Dalewood St (EW)

Control Type:	Signalized	Delay (sec / veh):	39.8
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.668

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	1
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	135.00
Speed [mph]		30.00			30.00			30.00			30.00	
Grade [%]		0.00			0.00			0.00			0.00	
Curb Present		No			No			No			No	
Crosswalk		Yes			Yes			Yes			Yes	

Volumes

Name												
Base Volume Input [veh/h]	0	0	0	195	0	71	452	435	0	0	201	85
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	44	15	14	2	4	0	2	0	12	4	1	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	44	15	14	211	4	76	487	466	12	4	216	92
Peak Hour Factor	0.8460	0.8460	0.8460	0.8460	0.8460	0.8460	0.8460	0.8460	0.8460	0.8460	0.8460	0.8460
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	13	4	4	62	1	22	144	138	4	1	64	27
Total Analysis Volume [veh/h]	52	18	17	249	5	90	576	551	14	5	255	109
Presence of On-Street Parking	No		No	No		No	No		No	No		No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing		0			0			0			0	
v_di, Inbound Pedestrian Volume crossing m		0			0			0			0	
v_co, Outbound Pedestrian Volume crossing		0			0			0			0	
v_ci, Inbound Pedestrian Volume crossing mi		0			0			0			0	
v_ab, Corner Pedestrian Volume [ped/h]		0			0			0			0	
Bicycle Volume [bicycles/h]		0			0			0			0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	85
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	LeadGreen
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Split	Split	Split	Split	Split	Split	Split	Split	Split	Split	Split	Split
Signal group	0	2	0	0	6	0	0	8	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-
Minimum Green [s]	0	7	0	0	7	0	0	7	0	0	7	0
Maximum Green [s]	0	30	0	0	30	0	0	30	0	0	30	0
Amber [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0
All red [s]	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0
Split [s]	0	11	0	0	11	0	0	45	0	0	18	0
Vehicle Extension [s]	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0	0.0	3.0	0.0
Walk [s]	0	7	0	0	7	0	0	7	0	0	7	0
Pedestrian Clearance [s]	0	0	0	0	0	0	0	0	0	0	0	0
Rest In Walk		No			No			No			No	
I1, Start-Up Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0	0.0	2.0	0.0
Minimum Recall		No			No			No			No	
Maximum Recall		No			No			No			No	
Pedestrian Recall		No			No			No			No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	C	L	C	R	L	C	C	C	R
C, Cycle Length [s]	85	85	85	85	85	85	85	85	85
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
g_i, Effective Green Time [s]	6	8	8	8	28	28	28	28	28
g / C, Green / Cycle	0.07	0.09	0.09	0.09	0.32	0.32	0.32	0.32	0.32
(v / s)_i Volume / Saturation Flow Rate	0.05	0.07	0.07	0.06	0.32	0.15	0.15	0.14	0.07
s, saturation flow rate [veh/h]	1785	1810	1813	1615	1810	1900	1883	1898	1615
c, Capacity [veh/h]	129	163	164	146	588	617	612	616	524
d1, Uniform Delay [s]	38.49	37.85	37.85	37.27	28.44	22.79	22.79	22.47	20.79
k, delay calibration	0.11	0.11	0.11	0.11	0.50	0.50	0.50	0.50	0.50
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	6.04	7.71	7.69	4.21	32.57	2.46	2.48	2.11	0.90
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.68	0.78	0.78	0.62	0.98	0.46	0.46	0.42	0.21
d, Delay for Lane Group [s/veh]	44.53	45.56	45.55	41.48	61.01	25.25	25.27	24.58	21.69
Lane Group LOS	D	D	D	D	E	C	C	C	C
Critical Lane Group	Yes	Yes	No	No	Yes	No	No	Yes	No
50th-Percentile Queue Length [veh/ln]	1.96	2.89	2.89	1.94	16.36	4.78	4.74	4.30	1.66
50th-Percentile Queue Length [ft/ln]	48.92	72.13	72.23	48.53	409.08	119.54	118.62	107.51	41.48
95th-Percentile Queue Length [veh/ln]	3.52	5.19	5.20	3.49	23.00	8.37	8.32	7.70	2.99
95th-Percentile Queue Length [ft/ln]	88.06	129.83	130.02	87.35	574.93	209.19	207.93	192.54	74.66

Movement, Approach, & Intersection Results

d_M, Delay for Movement [s/veh]	44.53	44.53	44.53	45.55	45.55	41.48	61.01	25.26	25.27	24.58	24.58	21.69
Movement LOS	D	D	D	D	D	D	E	C	C	C	C	C
d_A, Approach Delay [s/veh]	44.53			44.49			43.31			23.73		
Approach LOS	D			D			D			C		
d_I, Intersection Delay [s/veh]	39.85											
Intersection LOS	D											
Intersection V/C	0.668											

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	32.21	32.21	32.21	32.21
l_p,int, Pedestrian LOS Score for Intersection	1.766	2.383	2.503	2.417
Crosswalk LOS	A	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	165	165	965	329
d_b, Bicycle Delay [s]	35.79	35.79	11.39	29.65
l_b,int, Bicycle LOS Score for Intersection	1.703	2.127	2.501	2.168
Bicycle LOS	A	B	B	B

Sequence

Ring 1	2	6	4	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 5: Merced Ave (NS) at Big Dalton Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	29.3
Analysis Method:	HCM 6th Edition	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.845

Intersection Setup

Name											
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	0	0	1	0	0	0
Pocket Length [ft]	92.00	100.00	100.00	52.00	100.00	100.00	100.00	100.00	106.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	87	398	33	153	539	67	77	113	115	34	65	33
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	18	0	0	8	0	0	0	0	0	0	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	94	444	35	164	585	72	82	121	123	36	70	35
Peak Hour Factor	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300	0.9300
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	25	119	9	44	157	19	22	33	33	10	19	9
Total Analysis Volume [veh/h]	101	477	38	176	629	77	88	130	132	39	75	38
Pedestrian Volume [ped/h]	0			0			0			0		

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	373	394	398	394	418	426	376	413	426
Degree of Utilization, x	0.27	0.65	0.65	0.45	0.85	0.83	0.58	0.32	0.36

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	1.08	4.49	4.39	2.23	8.15	7.84	3.51	1.36	1.59
95th-Percentile Queue Length [ft]	27.01	112.23	109.79	55.86	203.74	195.92	87.75	33.93	39.81
Approach Delay [s/veh]	25.35			37.55			21.18		16.08
Approach LOS	D			E			C		C
Intersection Delay [s/veh]	29.29								
Intersection LOS	D								

Intersection Level Of Service Report
Intersection 6: Merced Ave (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.762

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	1	0	0	1	0	0	0	0	0	0	0	0
Pocket Length [ft]	165.00	100.00	100.00	155.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	184	245	41	183	269	322	229	477	171	160	242	182
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	4	4	0	2	0	6	10	15	15	0	9	4
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	202	266	44	198	288	351	255	526	198	172	268	198
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	51	67	11	50	72	88	64	132	50	43	67	50
Total Analysis Volume [veh/h]	202	266	44	198	288	351	255	526	198	172	268	198
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss	Split	Split	Split	Split	Split	Split
Signal group	5	2	0	1	6	0	0	8	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	Lead	-	-	Lead	-	-	-	-	-	-	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.06	0.17	0.03	0.12	0.09	0.22	0.16	0.23	0.23	0.11	0.15	0.15
Intersection LOS	C											
Intersection V/C	0.762											

Intersection Level Of Service Report
Intersection 7: Merced Ave (NS) at I-10 WB Ramps (EW)

Control Type:	Signalized	Delay (sec / veh):	25.5
Analysis Method:	HCM 6th Edition	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.873

Intersection Setup

Name						
Approach	Northbound		Southbound		Eastbound	
Lane Configuration						
Turning Movement	Left	Thru	Thru	Right	Left	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Curb Present	No		No		No	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	397	192	261	381	312	57
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	0	0	0	15	8	0
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Right-Turn on Red Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	425	206	280	423	342	61
Peak Hour Factor	0.9500	0.9500	0.9500	0.9500	0.9500	0.9500
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	112	54	74	111	90	16
Total Analysis Volume [veh/h]	447	217	295	445	360	64
Presence of On-Street Parking	No	No	No	No	No	No
On-Street Parking Maneuver Rate [/h]	0	0	0	0	0	0
Local Bus Stopping Rate [/h]	0	0	0	0	0	0
v_do, Outbound Pedestrian Volume crossing	0		0		0	
v_di, Inbound Pedestrian Volume crossing m	0		0		0	
v_co, Outbound Pedestrian Volume crossing	0		0		0	
v_ci, Inbound Pedestrian Volume crossing mi	0		0		0	
v_ab, Corner Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Located in CBD	No
Signal Coordination Group	-
Cycle Length [s]	85
Coordination Type	Time of Day Pattern Isolated
Actuation Type	Fully actuated
Offset [s]	0.0
Offset Reference	LeadGreen
Permissive Mode	SingleBand
Lost time [s]	12.00

Phasing & Timing

Control Type	Protected	Permissive	Permissive	Permissive	Permissive	Permissive
Signal group	5	2	6	0	3	0
Auxiliary Signal Groups						
Lead / Lag	Lead	-	-	-	Lead	-
Minimum Green [s]	7	7	7	0	7	0
Maximum Green [s]	30	30	30	0	30	0
Amber [s]	3.0	3.0	3.0	0.0	3.0	0.0
All red [s]	1.0	1.0	1.0	0.0	1.0	0.0
Split [s]	21	45	24	0	40	0
Vehicle Extension [s]	3.0	3.0	3.0	0.0	3.0	0.0
Walk [s]	0	7	7	0	7	0
Pedestrian Clearance [s]	0	0	0	0	0	0
Rest In Walk		No	No		No	
I1, Start-Up Lost Time [s]	2.0	2.0	2.0	0.0	2.0	0.0
I2, Clearance Lost Time [s]	2.0	2.0	2.0	0.0	2.0	0.0
Minimum Recall	No	No	No		No	
Maximum Recall	No	No	No		No	
Pedestrian Recall	No	No	No		No	
Detector Location [ft]	0.0	0.0	0.0	0.0	0.0	0.0
Detector Length [ft]	0.0	0.0	0.0	0.0	0.0	0.0
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00

Exclusive Pedestrian Phase

Pedestrian Signal Group	0
Pedestrian Walk [s]	0
Pedestrian Clearance [s]	0

Lane Group Calculations

Lane Group	L	C	C	R	L	R
C, Cycle Length [s]	69	69	69	69	69	69
L, Total Lost Time per Cycle [s]	4.00	4.00	4.00	4.00	4.00	4.00
l1_p, Permitted Start-Up Lost Time [s]	0.00	0.00	0.00	0.00	0.00	0.00
l2, Clearance Lost Time [s]	2.00	2.00	2.00	2.00	2.00	2.00
g_i, Effective Green Time [s]	19	45	22	22	16	16
g / C, Green / Cycle	0.28	0.65	0.31	0.31	0.23	0.23
(v / s)_i Volume / Saturation Flow Rate	0.25	0.11	0.16	0.28	0.20	0.04
s, saturation flow rate [veh/h]	1810	1900	1900	1615	1810	1615
c, Capacity [veh/h]	506	1237	597	507	423	377
d1, Uniform Delay [s]	23.93	4.77	19.34	22.56	25.47	21.24
k, delay calibration	0.14	0.11	0.11	0.18	0.11	0.11
I, Upstream Filtering Factor	1.00	1.00	1.00	1.00	1.00	1.00
d2, Incremental Delay [s]	6.54	0.07	0.64	8.18	4.93	0.21
d3, Initial Queue Delay [s]	0.00	0.00	0.00	0.00	0.00	0.00
Rp, platoon ratio	1.00	1.00	1.00	1.00	1.00	1.00
PF, progression factor	1.00	1.00	1.00	1.00	1.00	1.00

Lane Group Results

X, volume / capacity	0.88	0.18	0.49	0.88	0.85	0.17
d, Delay for Lane Group [s/veh]	30.47	4.83	19.98	30.73	30.40	21.45
Lane Group LOS	C	A	B	C	C	C
Critical Lane Group	Yes	No	No	Yes	Yes	No
50th-Percentile Queue Length [veh/ln]	7.44	0.96	3.71	7.50	5.92	0.81
50th-Percentile Queue Length [ft/ln]	186.09	24.05	92.80	187.40	147.92	20.34
95th-Percentile Queue Length [veh/ln]	11.92	1.73	6.68	11.99	9.91	1.46
95th-Percentile Queue Length [ft/ln]	297.95	43.30	167.04	299.65	247.66	36.62

Movement, Approach, & Intersection Results

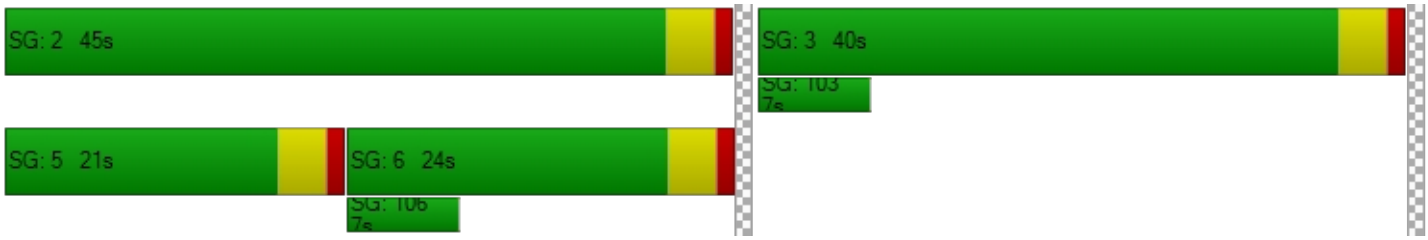
d_M, Delay for Movement [s/veh]	30.47	4.83	19.98	30.73	30.40	21.45
Movement LOS	C	A	B	C	C	C
d_A, Approach Delay [s/veh]	22.09		26.45		29.05	
Approach LOS	C		C		C	
d_I, Intersection Delay [s/veh]	25.47					
Intersection LOS	C					
Intersection V/C	0.873					

Other Modes

g_Walk,mi, Effective Walk Time [s]	11.0	11.0	11.0
M_corner, Corner Circulation Area [ft²/ped]	0.00	0.00	0.00
M_CW, Crosswalk Circulation Area [ft²/ped]	0.00	0.00	0.00
d_p, Pedestrian Delay [s]	32.21	32.21	32.21
l_p,int, Pedestrian LOS Score for Intersection	2.269	2.553	2.364
Crosswalk LOS	B	B	B
s_b, Saturation Flow Rate of the bicycle lane	2000	2000	2000
c_b, Capacity of the bicycle lane [bicycles/h]	0	0	0
d_b, Bicycle Delay [s]	42.50	42.50	42.50
l_b,int, Bicycle LOS Score for Intersection	5.228	5.353	4.132
Bicycle LOS	F	F	D

Sequence

Ring 1	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 2	5	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ring 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Intersection Level Of Service Report
Intersection 8: Merced Ave (NS) at Dalewood St/Garvey Ave (EW)

Control Type:	All-way stop	Delay (sec / veh):	48.7
Analysis Method:	HCM 6th Edition	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	1.036

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	293	4	218	402	0	70
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	2	0	9	7	0	3
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	316	4	243	438	0	78
Peak Hour Factor	0.9100	0.9100	0.9100	0.9100	0.9100	0.9100
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	87	1	67	120	0	21
Total Analysis Volume [veh/h]	347	4	267	481	0	86
Pedestrian Volume [ped/h]	0		0		0	

Intersection Settings

Lanes

Capacity per Entry Lane [veh/h]	511	615	748	576
Degree of Utilization, x	0.68	0.01	1.04	0.15

Movement, Approach, & Intersection Results

95th-Percentile Queue Length [veh]	5.09	0.02	18.46	0.52
95th-Percentile Queue Length [ft]	127.24	0.49	461.53	13.05
Approach Delay [s/veh]	23.22		65.04	10.34
Approach LOS	C		F	B
Intersection Delay [s/veh]	48.68			
Intersection LOS	E			

14622 Dalewood Street

Vistro File: G:\...\E PM.vistro
Report File: G:\...\OYP PM.pdf

Scenario 4 Opening Year With Project
7/28/2020

Trip Generation summary

Added Trips

Zone ID: Name	Land Use variables	Code	Ind. Var.	Rate	Quantity	% In	% Out	Trips In	Trips Out	Total Trips	% of Total Trips
1: Project				1.000	0.000	50.00	50.00	20	73	93	7.44
12: TAZ 1				1.000	0.000	50.00	50.00	63	153	216	17.28
13: TAZ 2				1.000	0.000	50.00	50.00	35	20	55	4.40
14: TAZ 3				1.000	0.000	50.00	50.00	44	30	74	5.92
15: TAZ 4				1.000	0.000	50.00	50.00	2	1	3	0.24
16: TAZ 5				1.000	0.000	50.00	50.00	384	425	809	64.72
					Added Trips Total			**548**	**702**	**1250**	**100.00**

14622 Dalewood Street

Vistro File: G:\...\Mit_E AM.vistro
Report File: G:\...\Mit_OYP AM.pdf

Scenario 4 Opening Year With Project
7/28/2020

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
2	Dalewood St (NS) at Puente Ave (EW)	Signalized	ICU 1	EB Right	0.801	-	D
8	Merced Ave (NS) at Dalewood St/Garvey Ave (EW)	Signalized	ICU 1	NB Left	0.709	-	C

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 2: Dalewood St (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	D
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.801

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	50	113	264	102	123	43	17	361	344	287	505	66
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	4	1	5	0	4	0	0	5	16	32	13	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	58	122	288	109	136	46	19	392	384	340	554	71
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	15	31	72	27	34	12	5	98	96	85	139	18
Total Analysis Volume [veh/h]	58	122	288	109	136	46	19	392	384	340	554	71
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Split	Split	Split	Split	Split	Split
Signal group	0	2	0	0	6	0	0	8	0	0	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	-	-	-	-	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.04	0.11	0.18	0.07	0.15	0.03	0.01	0.12	0.24	0.21	0.20	0.20
Intersection LOS	D											
Intersection V/C	0.801											

Intersection Level Of Service Report

Intersection 8: Merced Ave (NS) at Dalewood St/Garvey Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.709

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	563	5	49	172	3	127
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	8	0	3	2	0	9
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	611	5	55	186	3	145
Peak Hour Factor	0.8770	0.8770	0.8770	0.8770	0.8770	0.8770
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	174	1	16	53	1	41
Total Analysis Volume [veh/h]	697	6	63	212	3	165
Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive
Signal group	5	0	8	0	0	4
Auxiliary Signal Groups						
Lead / Lag	Lead	-	-	-	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.44	0.00	0.17	0.17	0.00	0.11
Intersection LOS	C					
Intersection V/C	0.709					

14622 Dalewood Street

Vistro File: G:\...\Mit_E PM.vistro
Report File: G:\...\Mit_OYP PM.pdf

Scenario 4 Opening Year With Project
7/28/2020

Intersection Analysis Summary

ID	Intersection Name	Control Type	Method	Worst Mvmt	V/C	Delay (s/veh)	LOS
2	Dalewood St (NS) at Puente Ave (EW)	Signalized	ICU 1	SB Thru	0.922	-	E
8	Merced Ave (NS) at Dalewood St/Garvey Ave (EW)	Signalized	ICU 1	EB Thru	0.784	-	C

V/C, Delay, LOS: For two-way stop, these values are taken from the movement with the worst (highest) delay value. For all other control types, they are taken for the whole intersection.

Intersection Level Of Service Report
Intersection 2: Dalewood St (NS) at Puente Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	E
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.922

Intersection Setup

Name												
Approach	Northbound			Southbound			Eastbound			Westbound		
Lane Configuration												
Turning Movement	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00			30.00			30.00			30.00		
Grade [%]	0.00			0.00			0.00			0.00		
Crosswalk	Yes			Yes			Yes			Yes		

Volumes

Name												
Base Volume Input [veh/h]	23	44	262	234	389	41	9	450	363	190	516	30
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Site-Generated Trips [veh/h]	15	4	26	0	1	0	0	14	4	9	10	0
Diverted Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0	0	0	0	0	0	0
Total Hourly Volume [veh/h]	40	51	307	251	418	44	9	497	393	213	562	32
Peak Hour Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	10	13	77	63	105	11	2	124	98	53	141	8
Total Analysis Volume [veh/h]	40	51	307	251	418	44	9	497	393	213	562	32
Pedestrian Volume [ped/h]	0			0			0			0		
Bicycle Volume [bicycles/h]	0			0			0			0		

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Permiss	Permiss	Permiss	Permiss	Permiss	Permiss	Protecte	Permiss	Permiss	Protecte	Permiss	Permiss
Signal group	0	2	0	0	6	0	3	8	0	7	4	0
Auxiliary Signal Groups												
Lead / Lag	-	-	-	-	-	-	Lead	-	-	Lead	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.03	0.06	0.19	0.16	0.42	0.03	0.01	0.16	0.25	0.13	0.19	0.19
Intersection LOS	E											
Intersection V/C	0.922											

Intersection Level Of Service Report
Intersection 8: Merced Ave (NS) at Dalewood St/Garvey Ave (EW)

Control Type:	Signalized	Delay (sec / veh):	-
Analysis Method:	ICU 1	Level Of Service:	C
Analysis Period:	15 minutes	Volume to Capacity (v/c):	0.784

Intersection Setup

Name						
Approach	Northbound		Eastbound		Westbound	
Lane Configuration						
Turning Movement	Left	Right	Thru	Right	Left	Thru
Lane Width [ft]	12.00	12.00	12.00	12.00	12.00	12.00
No. of Lanes in Pocket	0	0	0	0	0	0
Pocket Length [ft]	100.00	100.00	100.00	100.00	100.00	100.00
Speed [mph]	30.00		30.00		30.00	
Grade [%]	0.00		0.00		0.00	
Crosswalk	Yes		Yes		Yes	

Volumes

Name						
Base Volume Input [veh/h]	293	4	218	402	0	70
Base Volume Adjustment Factor	1.0300	1.0300	1.0300	1.0300	1.0300	1.0300
Heavy Vehicles Percentage [%]	0.00	0.00	0.00	0.00	0.00	0.00
Growth Rate	1.04	1.04	1.04	1.04	1.04	1.04
In-Process Volume [veh/h]	0	0	0	0	0	0
Site-Generated Trips [veh/h]	2	0	9	7	0	3
Diverted Trips [veh/h]	0	0	0	0	0	0
Pass-by Trips [veh/h]	0	0	0	0	0	0
Existing Site Adjustment Volume [veh/h]	0	0	0	0	0	0
Other Volume [veh/h]	0	0	0	0	0	0
Total Hourly Volume [veh/h]	316	4	243	438	0	78
Peak Hour Factor	0.9100	0.9100	0.9100	0.9100	0.9100	0.9100
Other Adjustment Factor	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Total 15-Minute Volume [veh/h]	87	1	67	120	0	21
Total Analysis Volume [veh/h]	347	4	267	481	0	86
Pedestrian Volume [ped/h]	0		0		0	
Bicycle Volume [bicycles/h]	0		0		0	

Intersection Settings

Cycle Length [s]	100
Lost time [s]	10.00

Phasing & Timing

Control Type	Permissive	Permissive	Permissive	Permissive	Permissive	Permissive
Signal group	5	0	8	0	0	4
Auxiliary Signal Groups						
Lead / Lag	Lead	-	-	-	-	-

Movement, Approach, & Intersection Results

V/C, Movement V/C Ratio	0.22	0.00	0.47	0.47	0.00	0.05
Intersection LOS	C					
Intersection V/C	0.784					

APPENDIX E

TRAFFIC SIGNAL WARRANT WORKSHEETS

Based on California MUTCD, 2012 Edition
(FHWA's MUTCD 2009 Edition, as amended for use in California)

Figure 4C-101 (CA). Traffic Signal Warrants Worksheet (Sheet 1 of 5)

Count Date: 5/2/2018

Baldwin Park/West Covina	Merced Ave/Dalewood St	Calc:	Date:
Jurisdiction	Intersection	Check:	Date:

Major St: Dalewood St/Garvey Ave — Critical Approach Speed: 40 mph
Minor St: Merced Ave — Critical Approach Speed: N/A mph

Speed limit or critical speed on major street traffic > 40 mph ..... ☐
or — RURAL (R)
In built up area of isolated community of < 10,000 population ..... ☐
☑ URBAN (U)

WARRANT 1 - Eight Hour Vehicular Volume

SATISFIED ☐ YES ☑ NO

(Condition A or Condition B or Combination of A and B must be satisfied)

Condition A - Minimum Vehicle Volume

100% SATISFIED ☐ YES ☑ NO
80% SATISFIED ☐ YES ☑ NO

	MINIMUM REQUIREMENTS (80% SHOWN IN BRACKETS)												
	Urban	Rural	Urban	Rural	7:00 AM	8:00 AM	3:00 PM	2:00 PM	5:00 PM	6:00 AM	9:00 AM	11:00 AM	Hour
APPROACH LANES	1		2 or More										
Both Approaches Major Street	500 (400)	350 (280)	600 (480)	420 (336)	398	291	527	547	660	198	252	273	
Highest Approach Minor Street	150 (120)	105 (84)	200 (160)	140 (112)	507	316	253	244	229	214	212	211	

Condition B - Interruption of Continuous Traffic

100% SATISFIED ☐ YES ☑ NO
80% SATISFIED ☐ YES ☑ NO

	MINIMUM REQUIREMENTS (80% SHOWN IN BRACKETS)												
	Urban	Rural	Urban	Rural	7:00 AM	8:00 AM	3:00 PM	2:00 PM	5:00 PM	6:00 AM	9:00 AM	11:00 AM	Hour
APPROACH LANES	1		2 or More										
Both Approaches Major Street	750 (600)	525 (420)	900 (720)	630 (504)	398	291	527	547	660	198	252	273	
Highest Approach Minor Street	75 (60)	53 (42)	100 (80)	70 (56)	507	316	253	244	229	214	212	211	

Combination of Conditions A & B

SATISFIED ☐ YES ☑ NO

REQUIREMENT	CONDITION	X	FULFILLED
TWO CONDITIONS SATISFIED 80%	A. Minimum Vehicular Volume		☐ YES ☑ NO
	AND, B. Interruption of Continuous Traffic		
AND, an adequate trial of other alternatives that could cause less delay and inconvenience to traffic has failed to solve the traffic problems			☐ YES ☑ NO

The satisfaction of a traffic signal warrant or warrants shall not in itself require the installation of a traffic control signal.

Figure 4C-101 (CA). Traffic Signal Warrants Worksheet (Sheet 2 of 5)

WARRANT 2 - Four Hour Vehicular Volume

SATISFIED* ☐ YES ☑ NO

Record hourly vehicular volumes for any four hours of an average day.

APPROACH LANES	One	2 or More	7:00 AM	5:00 PM	2:00 PM	3:00 PM	Hour
Both Approaches - Major Street	X		398	660	547	527	
Higher Approach - Minor Street		X	507	229	244	253	

*All plotted points fall above the applicable curve in Figure 4C-1. (URBAN AREAS)	☐ YES	☑ NO
OR, All plotted points fall above the applicable curve in Figure 4C-2. (RURAL AREAS)	☐ YES	☑ NO

WARRANT 3 - Peak Hour

SATISFIED ☑ YES ☐ NO

(Part A or Part B must be satisfied)

PART A

SATISFIED ☑ YES ☐ NO

(All parts 1, 2, and 3 below must be satisfied for the same one hour, for any four consecutive 15-minute periods)

1. The total delay experienced by traffic on one minor street approach (one direction only) controlled by a STOP sign equals or exceeds four vehicle-hours for a one-lane approach, or five vehicle-hours for a two-lane approach; AND AM = 14.46 veh-hours; PM = 6.46 veh-hours	☑ YES	☐ NO
2. The volume on the same minor street approach (one direction only) equals or exceeds 100 vph for one moving lane of traffic or 150 vph for two moving lanes; AND	☑ YES	☐ NO
3. The total entering volume serviced during the hour equals or exceeds 800 vph for intersections with four or more approaches or 650 vph for intersections with three approaches	☑ YES	☐ NO

PART B

SATISFIED ☐ YES ☑ NO

APPROACH LANES	One	2 or More	7:00 AM
Both Approaches - Major Street	X		398
Higher Approach - Minor Street		X	507

The plotted point falls above the applicable curve in Figure 4C-3. (URBAN AREAS)	☐ YES	☑ NO
OR, The plotted point falls above the applicable curve in Figure 4C-4. (RURAL AREAS)	☐ YES	☑ NO

The satisfaction of a traffic signal warrant or warrants shall not in itself require the installation of a traffic control signal.

Figure 4C-101 (CA). Traffic Signal Warrants Worksheet (Sheet 3 of 5)

WARRANT 4 - Pedestrian Volume
(Parts 1 and 2 Must Be Satisfied)

SATISFIED ☐ YES ☑ NO

Part 1 (Parts A or B must be satisfied)

	Hours - - - >	12:00 AM	1:00 AM	2:00 AM	3:00 AM
A.	Vehicles per hour for any 4 hours	77	30	22	34
	Pedestrians per hour for any 4 hours	0	0	0	0

Figure 4C-5 or Figure 4C-6
SATISFIED ☐ YES ☑ NO

	Hours - - - >	12:00 AM	1:00 AM	2:00 AM	3:00 AM
B.	Vehicles per hour for any 1 hour	77	30	22	34
	Pedestrians per hour for any 1 hour	0	0	0	0

Figure 4C-7 or Figure 4C-8
SATISFIED ☐ YES ☑ NO

Part 2

SATISFIED ☑ YES ☐ NO

AND, The distance to the nearest traffic signal along the major street is greater than 300 ft.	☑ YES	☐ NO
OR, The proposed traffic signal will not restrict progressive traffic flow along the major street.	☐ YES	☐ NO

WARRANT 5 - School Crossing
(Part A or Part B must be satisfied)

SATISFIED ☐ YES ☑ NO

Part A

SATISFIED ☐ YES ☑ NO

Gap/Minutes and # of Children — 12:00 AM — Hour

Gaps vs Minutes	Minutes Children Using Crossing	0
	Number of Adequate Gaps	0
School Age Pedestrians Crossing Street / hr		0

Gaps < Minutes	☐ YES	☐ NO
AND Children > 20/hr	☐ YES	☑ NO

AND Consideration has been given to less restrictive remedial measures.	☐ YES	☐ NO

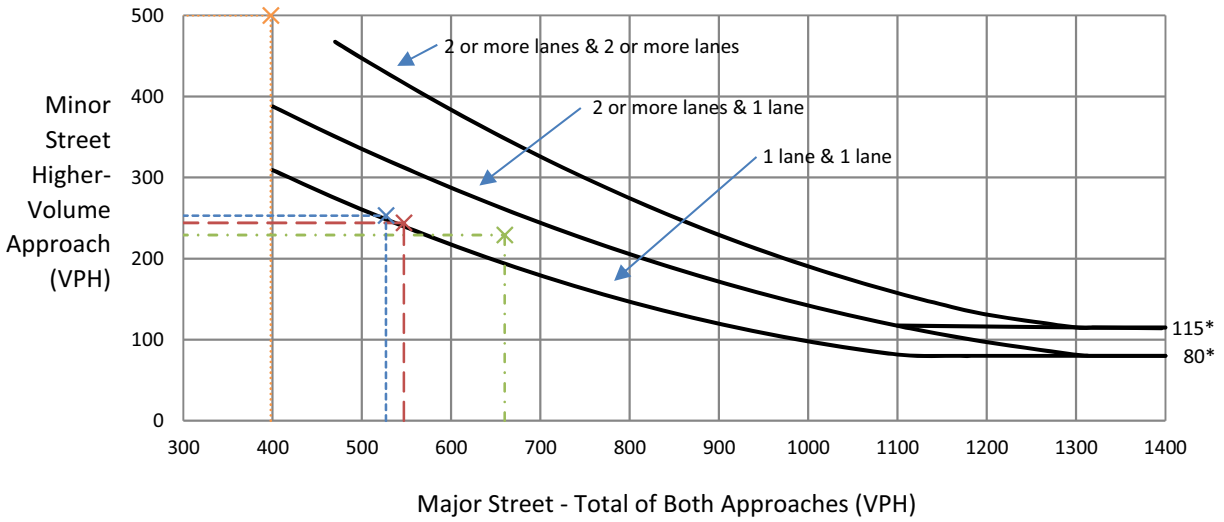
Part B

SATISFIED ☑ YES ☐ NO

The distance to the nearest traffic signal along the major street is greater than 300 ft.	☑ YES	☐ NO
OR, The proposal signal will not restrict the progressive movement of traffic.	☐ YES	☐ NO

The satisfaction of a traffic signal warrant or warrants shall not in itself require the installation of a traffic control signal.

Figure 4C-1. Warrant 2, Four-Hour Vehicular Volume

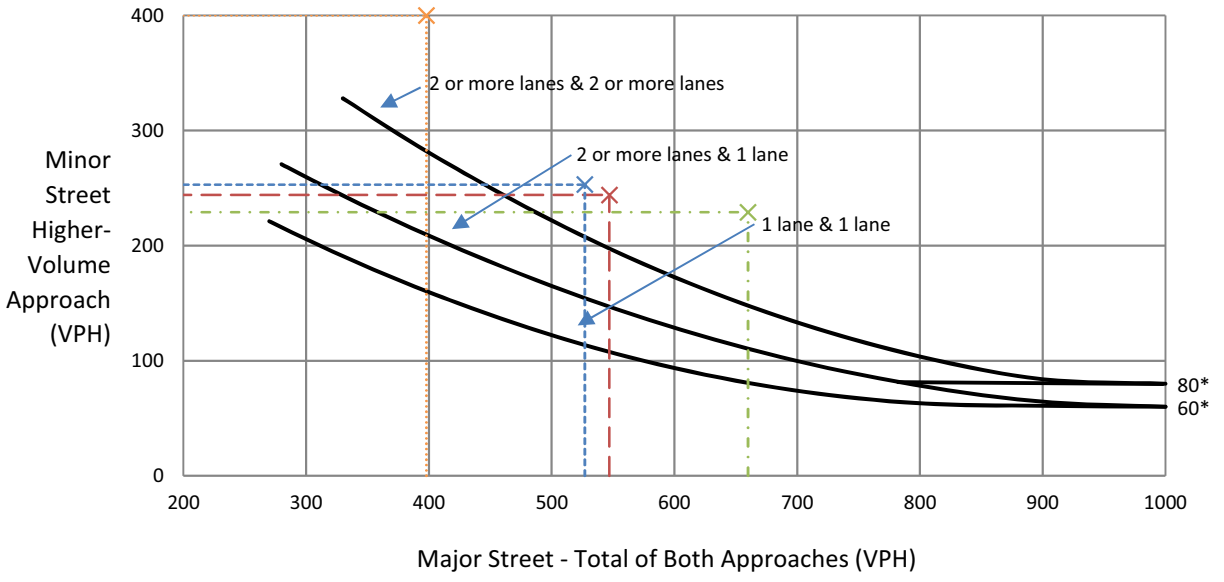


Traffic Signal Warrant Is NOT Satisfied

*Note: 115 vph applies as the lower threshold volume for a minor street approach with two or more lanes and 80 vph applies as the lower threshold volume for a minor street approach with one lane.

Figure 4C-2. Warrant 2, Four-Hour Vehicular Volume (70% Factor)

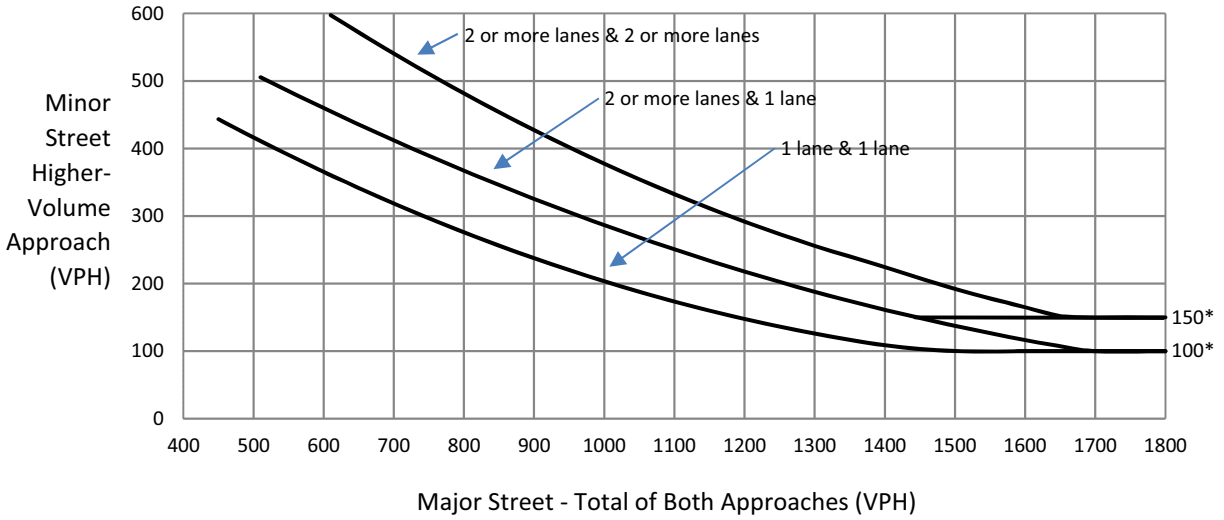
(Community less than 10,000 population or above 40 mph on the major street)



This figure is not applicable; see Figure 4C-1 above.

*Note: 80 vph applies as the lower threshold volume for a minor street approach with two or more lanes and 60 vph applies as the lower threshold volume for a minor street approach with one lane.

Figure 4C-3. Warrant 3, Peak Hour Vehicular Volume

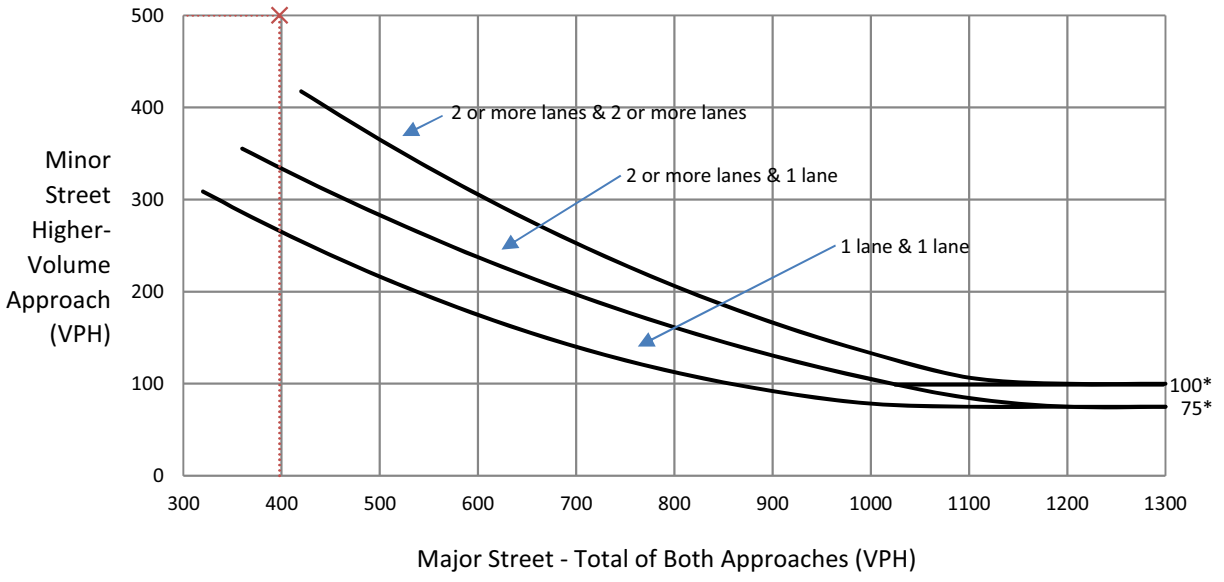


Traffic Signal Warrant Is NOT Satisfied

*Note: 150 vph applies as the lower threshold volume for a minor street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor street approach with one lane.

Figure 4C-4. Warrant 3, Peak Hour Vehicular Volume (70% Factor)

(Community less than 10,000 population or above 40 mph on the major street)



This figure is not applicable; see Figure 4C-3 above.

*Note: 100 vph applies as the lower threshold volume for a minor street approach with two or more lanes and 75 vph applies as the lower threshold volume for a minor street approach with one lane.



GANDDINI GROUP, INC.
550 Parkcenter Drive, Suite 202, Santa Ana, CA 92705
714.795.3100 | www.ganddini.com

Appendix F
Energy Calculations

ESA

Dalewood Project
Construction Energy Analysis

Annual Fuel Summary

	Heavy-Duty Construction Equipment
76,787	Total Project Consumption
54,848	Annual Consumption
	Haul Trucks
6,682	Total Project Consumption
4,773	Annual Consumption
	Vendor Trucks
15,841	Total Project Consumption
11,315	Annual Consumption
	Workers
13,136	Total Project Consumption
9,383	Annual Consumption
22,523	Project Consumption of diesel for Haul Trucks and Vendors
16,088	Annual Consumption
99,310	Total Gallons Diesel
13,136	Total Gallons Gasoline

1.4 Estimated Project Construction Duration (years)

70,935 Annual Average Gallons Diesel
9,383 Annual Average Gallons Gasoline

Los Angeles County			Percent of Annual Project Compared to Los Angeles County
Source	**Fuel Type**	**Gallons**	
Workers	Gasoline	3,659,000,000	0.0003%
Off-Road/Vendor/Haul Trucks	Diesel	590,200,000	0.012%

Notes:

1 Gasoline and diesel amounts from CEC, 2018. Available: https://www.energy.ca.gov/almanac/transportation_data/gasoline/2010-2017_A15_Results.xlsx

Annual Electricity Summary

Temporary Construction Trailer - Electricity	12,990	kWh/year
Construction Water Energy Estimates	24,453	kWh/year
	37,443	kWh/year

Dalewood Project
Construction Energy Analysis

Off-Road Equipment

Equipment ≤ 100 hp		
pounds diesel fuel/hp-hr (lb/hp-hr):[1]	0.408	lb/hp-hr
diesel density (lb/gal):[1]	7.11	lb/gal
diesel gallons/hp-hr:	0.0574	gal/hp-hr
Total <100	1,124,840	hp-hr
Total diesel gallons:	64,558	gal
Equipment > 100 hp		
pounds diesel fuel/hp-hr (lb/hp-hr):[1]	0.367	lb/hp-hr
diesel density (lb/gal):[1]	7.11	lb/gal
diesel gallons/hp-hr:	0.0516	gal/hp-hr
Total >100	236,875	hp-hr
Total diesel gallons:	12,229	gal
Total diesel gallons (off-road equipment):	**76,787**	**gal**

1. OFFROAD2017 Emission Factor Documentation

Construction Phase	Equipment	Number	Hours/Day	HP	Load	Days	Total hp-hr
Demolition	Concrete/Industrial Saws	1	11	81	0.73	43	27,968
Demolition	Rubber Tired Dozers	1	11	247	0.4	43	46,732
Demolition	Tractors/Loaders/Backhoes	3	11	97	0.37	43	50,928
Site Preparation	Air Compressors	2	11	78	0.48	65	53,539
Site Preparation	Cement and Mortar Mixers	1	11	9	0.56	65	3,604
Site Preparation	Concrete/Industrial Saws	1	11	81	0.73	65	42,278
Site Preparation	Other Construction Equipment	1	11	15	0.55	65	5,899
Site Preparation	Plate Compactors	1	11	8	0.43	65	2,460
Site Preparation	Signal Boards	1	11	6	0.82	65	3,518
Grading/Excavation	Air Compressors	2	11	78	0.48	43	35,418
Grading/Excavation	Other Construction Equipment	1	11	15	0.55	43	3,902

Grading/Excavation	Plate Compactors	1	11	8	0.43	43	1,627
Grading/Excavation	Signal Boards	1	11	6	0.82	43	2,327
Grading/Excavation	Tractors/Loaders/Backhoes	1	11	97	0.37	43	16,976
Drainage/Utilities/Trenching	Cranes	1	11	231	0.29	43	31,686
Drainage/Utilities/Trenching	Plate Compactors	1	11	8	0.43	43	1,627
Drainage/Utilities/Trenching	Tractors/Loaders/Backhoes	1	11	97	0.37	43	16,976
Foundations/Concrete Pour	Air Compressors	3	11	78	0.48	86	106,255
Foundations/Concrete Pour	Cement and Mortar Mixers	1	11	9	0.56	86	4,768
Foundations/Concrete Pour	Concrete/Industrial Saws	1	11	81	0.73	86	55,937
Foundations/Concrete Pour	Forklifts	1	11	89	0.2	86	16,839
Foundations/Concrete Pour	Other Construction Equipment	1	11	15	0.55	86	7,805
Foundations/Concrete Pour	Plate Compactors	1	11	8	0.43	86	3,254
Foundations/Concrete Pour	Tractors/Loaders/Backhoes	1	11	97	0.37	86	33,952
Building Construction	Air Compressors	7	11	78	0.48	132	380,540
Building Construction	Cement and Mortar Mixers	1	11	9	0.56	132	7,318
Building Construction	Concrete/Industrial Saws	1	11	81	0.73	132	85,857
Building Construction	Cranes	1	11	231	0.29	132	97,269
Building Construction	Forklifts	1	11	89	0.2	132	25,846
Building Construction	Plate Compactors	1	11	8	0.43	132	4,995
Paving	Paving Equipment	1	11	132	0.36	44	23,000
Paving	Plate Compactors	1	11	8	0.43	44	1,665
Paving	Pumps	1	11	84	0.74	44	30,085
Paving	Surfacing Equipment	1	11	263	0.3	44	38,188
Paving	Tractors/Loaders/Backhoes	1	11	97	0.37	44	17,371
Architectural Coating	Air Compressors	1	11	78	0.48	43	17,709
Finishes	Air Compressors	3	11	78	0.48	45	55,598
						Total >100	236,875
						Total <100	1,124,840

Dalewood Project
Construction Energy Analysis

On-Road Vendor Trucks

			miles/gallon
	0.1772	gallons/mile	5.6
	87,106	miles	
Total VMT diesel gallons (on-road vendor trucks):	**15,439**		
			Estimated Fuel Savings from
EMFAC2014 Diesel Fuel Consumption Factor:[2]	0.7645	gallons/hour	*Anti-Idling Regulation (64 percent based on*
Total Haul Truck Idle-Hours per Year:	526	hours	*estimated CARB emissions reductions):* [3]
Total Idling diesel gallons (on-road haul trucks):	**402**		*1,117*
Total diesel gallons (on-road haul trucks):	**15,841**	gal	

California Air Resources Board, EMFAC2014 (South Coast Air Basin; HHDT and MHDT; Annual; CY 2017; Aggregate MY; Aggregate Speed)

California Air Resources Board, EMFAC2014 (South Coast Air Basin; HHDT and MHDT; Annual; CY 2017; Aggregate MY; 5 miles per hour converted to hourly rate)

Source: California Air Resources Board (CARB), 2004. Staff Report: Initial Statement of Reasons for Proposed Rulemaking, Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling, Appendix F, July 2004, https://www.arb.ca.gov/regact/idling/idling.htm, accessed November 2016.

Phase	Days	Round Trips/day	Miles/Trip	VMT	Idle Hours
Demolition	43	0	6.9	-	-
Site Preparation	65	0	6.9	-	-
Grading/Excavation	43	0	6.9	-	-
Drainage/Utilities/Trenching	43	0	6.9	-	-
Foundations/Concrete Pour	86	24	6.9	28,483	172
Building Construction	132	24	6.9	43,718	264
Paving	44	0	6.9	-	-
Architectural Coating	43	0	6.9	-	-
Finishes	45	24	6.9	14,904	90
			Total Vendor Truck VMT:	87,106	
			Total Idle-Hours:		526

Dalewood Project
Construction Energy Analysis

On-Road Workers (LDA, LDT1, LDT2)

EMFAC2014 Gasoline Fuel Consumption Factor:[1]	0.0415	gallons/mile	miles/gallon
Total Worker VMT:	316,462	miles	24.1
Total VMT gasoline gallons (workers):	**13,136**		

California Air Resources Board, EMFAC2014 (South Coast Air Basin; LDA, LDT1, LDT2; CY 2017; Aggregate MY; Aggregate Speed)

Phase	Days	Roundtrip Trips/Day	Miles/Trip	VMT
Worker				
Demolition	43	10	14.7	12,642
Site Preparation	65	10	14.7	19,110
Grading/Excavation	43	8	14.7	10,114
Drainage/Utilities/Trenching	43	16	14.7	20,227
Foundations/Concrete Pour	86	30	14.7	75,852
Building Construction	132	40	14.7	155,232
Paving	44	6	14.7	7,762
Architectural Coating	43	6	14.7	7,585
Finishes	45	6	14.7	7,938
			Total Worker VMT:	**316,462**

Dalewood Project
Construction Energy Analysis

On-Road Haul Trucks

	0.1668	gallons/mile	miles/gallon
	39,640	miles	5.99
Total VMT diesel gallons (on-road haul trucks):	**6,613**		
EMFAC2014 Diesel Fuel Consumption Factor:[2]	0.8341	gallons/hour	
Total Haul Truck Idle-Hours per Year:	83	hours	
Total Idling diesel gallons (on-road haul trucks):	**69**		
Total diesel gallons (on-road haul trucks):	**6,682**	gal	

Estimated Fuel Savings from Anti-Idling Regulation (64 percent based on estimated CARB emissions reductions):[3] *191*

California Air Resources Board, EMFAC2014 (South Coast Air Basin; T7 Single Construction; Annual; CY 2017; Aggregate MY; Aggregate Speed)

California Air Resources Board, EMFAC2014 (South Coast Air Basin; T7 Single Construction; Annual; CY 2017; Aggregate MY; 5 miles per hour converted to hourly rate)

Source: California Air Resources Board (CARB), 2004. Staff Report: Initial Statement of Reasons for Proposed Rulemaking, Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling, Appendix F, July 2004, https://www.arb.ca.gov/regact/idling/idling.htm, accessed November 2016.

Phase	Total One-Way Trips	Miles/Trip	VMT	Idle Hours
Demolition	300	20	12,000	25
Site Preparation	0	20	0	0
Grading/Excavation	691	20	27,640	58
Drainage/Utilities/Trenching	0	20	0	0
Foundations/Concrete Pour	0	20.0	0	0
Building Construction	0	20.0	0	0
Paving	0	20.0	0	0
Architectural Coating	0	20.0	0	0
Finishes	0	20.0	0	0
		Total Haul Truck VMT:	39,640	
		Total Idle-Hours:		83

Dalewood Project
Construction Energy Analysis

Temporary Construction Trailer - Electricity		
Land Use	**Square Feet**	**Energy Use per year (kWh)**
General Office	1,000	12,990
Note: CalEEMod 2016.3.2 used to estimate energy use for temporary construction office		

Dalewood Project
Construction Energy Analysis

Construction Water Energy Estimates

Source	Construction Water Use per Day (Mgal)	Total Construction Water Use (Mgal)	Total Electricity Demand from water Demand (kWh)	Annual Electricity Demand from water Demand (kWh)
Project	0.006	2.629	34,235	24,453
CalEEMod Water Electricity Factors	**Electricity Intensity Factor To Supply (kWh/Mgal)**	**Electricity Intensity Factor To Treat (kWh/Mgal)**	**Electricity Intensity Factor To Distribute (kWh/Mgal)**	**Electricity Intensity Factor For Wastewater Treatment (kWh/Mgal)**
Project	9727	111	1272	1911

Sources:

Electricity Intensity Factors - California Emissions Estimator Model (CalEEMod).

Estimated construction water use assumed to be generally equivalent to landscape irrigation, based on a factor of 20.94 gallons per year per square foot of landscaped area within the Los Angeles area (Mediterranean climate), which assumes high water demand landscaping materials and an irrigation system efficiency of 85%. Factor is therefore (20.94 GAL/SF/year) x (43,560 SF/acre) / (365 days/year) / (0.85) = 2,940 gallons/acre/day, rounded up to 3,000 gallons/acre/day. (U.S. Department of Energy, Energy Efficiency & Renewable Energy, Federal Energy Management Program. “Guidelines for Estimating Unmetered Landscaping Water Use." July 2010. Page 12, Table 4 - Annual Irrigation Factor – Landscaped Areas with High Water Requirements).

This tool provides a quick estimation of the fuel use and emissions for your equipment in a specific year. The results may slightly differ from those from the official inventory model.
Instructions:
Enter the horsepwer, model year, and other details about your equipment in the Input box.
Make sure to update the ***load factor*** for your equipment using the lookup table.
The ***Output*** box gives a quick estimation of the fuel use, NOx, PM, and THC emission for your equipment.

Input	Input Engine Here
Horsepower (hp)	120
Model year Calendar year	2011 2015
Activity (annual hours)	250
Accumulated hours on equipment (estimate using annual-hours*age if you only know the age of the equipment)	1000
Load factor (check the lookup table)	0.2

Results	
Fuel Used (gallon)	310
NOx Emissions (kg) PM Emissions (kg)	15.4 0.7
THC Emissions (kg)	0.7
CO2 Emissions (kg)	3162.6
NOx Emission Factor (including deterioration and fuel correction factor): gram/bhp-hr	2.57
PM Emission Factor (including deterioration and fuel correction factor): gram/bhp-hr	0.12
THC Emission Factor (including deterioration and fuel correction factor): gram/ bhp-hr	0.11

Intermediate steps	
HPbin	175
NOx_EF0	2.67
NOx_DR	3.5E-05
NOx_FCF	0.950
PM_EF0	0.12
PM_DR	8.6E-06
PM_FCF	0.90
THC_EF0	0.10
THC_DR	2.5E-05
THC_FCF	0.90
NOx_EF (g/hp-hr)	2.57
PM_EF (g/hp-hr)	0.12
THC_EF (g/hp-hr)	0.11
CO2_EF (kg/gallon-diesel)*	10.21
BSFC (lb/hp-hr)	0.367
Unit conversion (lb/gallon)	7.109

*Reference: www.epa.gov/sites/production/files/2015-07/documents/emission-factors_2014.pdf

Loac Factor Lookup Table

Equipment Category	Equipment Type	Details	Load Factor
Agriculture equipment	Agricultural tractors		0.48
	Combine harvesters		0.44
	Forage & silage harvesters		0.44
	Cotton pickers		0.44
	Nut harvester		0.44
	Other harvesters		0.44
	Balers (self propelled)		0.50
	Bale wagons (self propelled)		0.50
	Swathers/windrowers/hay conditioners		0.48
	Hay Squeeze/Stack retriever		0.42
	Sprayers/Spray rigs		0.42
	Construction equipment		0.40
	Other non-mobile		0.48
	Forklifts		0.40
	Atvs		0.40
	Others		0.40
Portable equipment	All portable equipment		0.31
Cargo Handling Equipment	Construction equipment		0.55
	Container handling equipment		0.59
	Forklift		0.30
	Other general industrial equipment		0.51
	Rtg crane		0.20
	Yard tractor		0.39
Transport Refrigeration Units (TRU)	TRU on trailers	25 HP and over, MY2012 and Older	0.46
	TRU on trailers	25 HP and over, MY2013 and Newer	0.38
	TRU on trailers	23 HP and Over, below 25 HP, All years	0.46
	TRU on trucks	Below 23 HP, All Model years	0.56
	TRU on railcars	25 HP and over, MY2012 and Older	0.33
	TRU on railcars	25 HP and over, MY2013 and Newer	0.27
	TRU on railcars	Below 25 HP, All Model years	0.33
	TRU with generators	25 HP and over, MY2012 and Older	0.46
	TRU with generators	25 HP and Over, MY2013 and Newer	0.38
	TRU with generators	23 HP and Over, below 25 HP, All Model Years	0.46
Ground Support Equipment	Passenger Stand		0.40
	A/C Tug Narrow Body		0.54
	A/C Tug Wide Body		0.54
	Baggage Tug		0.37
	Belt Loader		0.34
	Bobtail		0.37
	Cargo Loader		0.34
	Cargo Tractor		0.36
	Forklift (GSE)		0.20
	Lift (GSE)		0.34
	Other GSE		0.34
Construction and Industrial Equipment	Cranes		0.29
	Crawler Tractors		0.43
	Excavators		0.38
	Graders		0.41
	Off-Highway Tractors		0.44
	Off-Highway Trucks		0.38
	Other Construction Equipment		0.42
	Pavers		0.42
	Paving Equipment		0.36
	Rollers		0.38
	Rough Terrain Forklifts		0.40
	Rubber Tired Dozers		0.40
	Rubber Tired Loaders		0.36
	Scrapers		0.48
	Skid Steer Loaders		0.37
	Surfacing Equipment		0.30
	Tractors/Loaders/Backhoes		0.37
	Trenchers		0.50
	Aerial Lifts		0.31
	Forklifts		0.20
	Other General Industrial Equipment		0.34
	Other Material Handling Equipment		0.40
	Sweepers/Scrubbers		0.46
Oil and Drill Rigs	Drill Rig (Mobile)		0.50
	Workover Rig (Mobile)		0.50
	Bore/Drill Rigs		0.50

EMFAC2014 (v1.0.7) Emissions Inventory
Region Type: County
Region: Los Angeles
Calendar Year: 2019
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

VMT	Fuel Consumption (gal/day)	Annual VMT	Annual Fuel Consumption (gals)
6749318	1196302	2,463,500,892.43	436,650,386.37
gal/mi			
0.17724791			

Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population	VMT	Fuel_Consumption
Los Angeles	2019	HHDT	Aggregated	Aggregated	GAS	497.7149765	68544.29326	14.87512252
Los Angeles	2019	HHDT	Aggregated	Aggregated	DSL	49407.99623	6707156.904	1192.1202
Los Angeles	2019	LDA	Aggregated	Aggregated	GAS	3673002.579	126774711.8	4877.864643
Los Angeles	2019	LDA	Aggregated	Aggregated	DSL	31759.37402	1181821.879	33.80671535
Los Angeles	2019	LDA	Aggregated	Aggregated	ELEC	57693.48464	2681847.129	0
Los Angeles	2019	LDT1	Aggregated	Aggregated	GAS	321855.7467	10883720.11	495.6127476
Los Angeles	2019	LDT1	Aggregated	Aggregated	DSL	464.3987722	12957.52288	0.515670452
Los Angeles	2019	LDT1	Aggregated	Aggregated	ELEC	316.2626273	9722.536668	0
Los Angeles	2019	LDT2	Aggregated	Aggregated	GAS	1303752.39	47667768.46	2446.418343
Los Angeles	2019	LDT2	Aggregated	Aggregated	DSL	2102.412634	83618.64679	3.113861402
Los Angeles	2019	LHDT1	Aggregated	Aggregated	GAS	74659.88161	2252513.025	207.4948262
Los Angeles	2019	LHDT1	Aggregated	Aggregated	DSL	47022.79373	1831840.944	90.58465633
Los Angeles	2019	LHDT2	Aggregated	Aggregated	GAS	15483.22281	551868.0927	54.86889025
Los Angeles	2019	LHDT2	Aggregated	Aggregated	DSL	21041.68278	884379.2773	47.94463288
Los Angeles	2019	MCY	Aggregated	Aggregated	GAS	167376.9811	1171560.516	33.96926508
Los Angeles	2019	MDV	Aggregated	Aggregated	GAS	852836.4763	29091656.22	1991.756559
Los Angeles	2019	MDV	Aggregated	Aggregated	DSL	12541.25405	496937.5042	23.88842427
Los Angeles	2019	MH	Aggregated	Aggregated	GAS	20886.7211	178247.9774	24.88172971
Los Angeles	2019	MH	Aggregated	Aggregated	DSL	4561.844956	42160.60923	4.182228861
Los Angeles	2019	MHDT	Aggregated	Aggregated	GAS	12191.94044	642923.5107	93.58622605
Los Angeles	2019	MHDT	Aggregated	Aggregated	DSL	70858.14513	3853378.097	448.6075239
Los Angeles	2019	OBUS	Aggregated	Aggregated	GAS	5417.336574	256740.7658	36.59852511
Los Angeles	2019	OBUS	Aggregated	Aggregated	DSL	3754.968436	313247.5153	43.72238449
Los Angeles	2019	SBUS	Aggregated	Aggregated	GAS	1210.009509	48242.8654	4.233608592
Los Angeles	2019	SBUS	Aggregated	Aggregated	DSL	2932.12476	112039.5198	15.55974433
Los Angeles	2019	UBUS	Aggregated	Aggregated	GAS	1365.223014	160016.9726	32.22039239
Los Angeles	2019	UBUS	Aggregated	Aggregated	DSL	3684.482419	428667.28	92.10868767



EMFAC2014 (v1.0.7) Emissions Inventory

Region Type: County
Region: Los Angeles
Calendar Year: 2019
Season: Annual
Vehicle Classification: EMFAC2011 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Haul Trucks (T7 Single Construction)				
VMT		Fuel Consumption (gal/day)	Annual VMT	Annual Fuel Consumption
	231275	38581	84,415,270	14,082,141
gal/mi				
0.166819834				

Workers (LDA,LDT1, LDT2)			
VMT	Fuel Consumption (gal/day)	Annual VMT	Annual Fuel Consumption
189296168	7857332	69,093,101,337	2,867,926,173
gal/mi			
0.0415			

Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population	VMT	Trips	Fuel_Consumption
Los Angele:	2019	All Other Buses	Aggregatec	Aggregatec	DSL	2996.162	201267.6615	0	23.95671841
Los Angele:	2019	LDA	Aggregatec	Aggregatec	GAS	3673003	126774711.8	23127601.28	4877.864643
Los Angele:	2019	LDA	Aggregatec	Aggregatec	DSL	31759.37	1181821.879	196117.4561	33.80671535
Los Angele:	2019	LDA	Aggregatec	Aggregatec	ELEC	57693.48	2681847.129	376032.9409	0
Los Angele:	2019	LDT1	Aggregatec	Aggregatec	GAS	321855.7	10883720.11	1953799.666	495.6127476
Los Angele:	2019	LDT1	Aggregatec	Aggregatec	DSL	464.3988	12957.52288	2425.013309	0.515670452
Los Angele:	2019	LDT1	Aggregatec	Aggregatec	ELEC	316.2626	9722.536668	1909.416536	0
Los Angele:	2019	LDT2	Aggregatec	Aggregatec	GAS	1303752	47667768.46	8244995.395	2446.418343
Los Angele:	2019	LDT2	Aggregatec	Aggregatec	DSL	2102.413	83618.64679	13569.48938	3.113861402
Los Angele:	2019	LHD1	Aggregatec	Aggregatec	GAS	74659.88	2252513.025	1112320.993	207.4948262
Los Angele:	2019	LHD1	Aggregatec	Aggregatec	DSL	47022.79	1831840.944	591487.5904	90.58465633
Los Angele:	2019	LHD2	Aggregatec	Aggregatec	GAS	15483.22	551868.0927	230676.9498	54.86889025
Los Angele:	2019	LHD2	Aggregatec	Aggregatec	DSL	21041.68	884379.2773	264677.899	47.94463288
Los Angele:	2019	MCY	Aggregatec	Aggregatec	GAS	167377	1171560.516	334720.4868	33.96926508
Los Angele:	2019	MDV	Aggregatec	Aggregatec	GAS	852836.5	29091656.22	5314706.418	1991.756559
Los Angele:	2019	MDV	Aggregatec	Aggregatec	DSL	12541.25	496937.5042	80622.8534	23.88842427
Los Angele:	2019	MH	Aggregatec	Aggregatec	GAS	20886.72	178247.9774	2089.507579	24.88172971
Los Angele:	2019	MH	Aggregatec	Aggregatec	DSL	4561.845	42160.60923	456.1844956	4.182228861
Los Angele:	2019	Motor Coach	Aggregatec	Aggregatec	DSL	758.806	111979.8538	0	19.76566608
Los Angele:	2019	OBUS	Aggregatec	Aggregatec	GAS	5417.337	256740.7658	108390.0702	36.59852511
Los Angele:	2019	PTO	Aggregatec	Aggregatec	DSL	0	95876.18606	0	20.3164839
Los Angele:	2019	SBUS	Aggregatec	Aggregatec	GAS	1210.01	48242.8654	4840.038034	4.233608592
Los Angele:	2019	SBUS	Aggregatec	Aggregatec	DSL	2932.125	112039.5198	0	15.55974433
Los Angele:	2019	T6 Ag	Aggregatec	Aggregatec	DSL	162.5295	2869.468349	0	0.347948615
Los Angele:	2019	T6 CAIRP heavy	Aggregatec	Aggregatec	DSL	145.5424	7862.774174	0	0.904149459
Los Angele:	2019	T6 CAIRP small	Aggregatec	Aggregatec	DSL	370.8453	24136.77612	0	2.781384533
Los Angele:	2019	T6 instate construction heavy	Aggregatec	Aggregatec	DSL	1742.829	126028.0713	0	14.78165718
Los Angele:	2019	T6 instate construction small	Aggregatec	Aggregatec	DSL	5899.579	341818.2502	0	39.80996733
Los Angele:	2019	T6 instate heavy	Aggregatec	Aggregatec	DSL	17838.55	914490.1821	0	106.4814253
Los Angele:	2019	T6 instate small	Aggregatec	Aggregatec	DSL	39546.92	2335561.328	0	271.535678
Los Angele:	2019	T6 OOS heavy	Aggregatec	Aggregatec	DSL	86	4505.074106	0	0.518574754
Los Angele:	2019	T6 OOS small	Aggregatec	Aggregatec	DSL	212.4804	13829.46562	0	1.593628808
Los Angele:	2019	T6 Public	Aggregatec	Aggregatec	DSL	4025.635	66270.69471	0	7.910704388
Los Angele:	2019	T6 utility	Aggregatec	Aggregatec	DSL	827.2383	16006.01261	0	1.942405419
Los Angele:	2019	T6TS	Aggregatec	Aggregatec	GAS	12191.94	642923.5107	243936.3442	93.58622605
Los Angele:	2019	T7 Ag	Aggregatec	Aggregatec	DSL	119.1205	2013.248218	0	0.376930436
Los Angele:	2019	T7 CAIRP	Aggregatec	Aggregatec	DSL	4997.359	1035268.892	0	177.8922228
Los Angele:	2019	T7 CAIRP construction	Aggregatec	Aggregatec	DSL	378.6379	89403.35346	0	15.35963567
Los Angele:	2019	T7 NNOOS	Aggregatec	Aggregatec	DSL	5119.49	1283734.715	0	206.0281899
Los Angele:	2019	T7 NOOS	Aggregatec	Aggregatec	DSL	2023.76	408930.9072	0	71.75002949
Los Angele:	2019	T7 POLA	Aggregatec	Aggregatec	DSL	8169.84	1205407.815	0	223.404967
Los Angele:	2019	T7 Public	Aggregatec	Aggregatec	DSL	4730.211	108395.9316	0	21.97230186
Los Angele:	2019	T7 Single	Aggregatec	Aggregatec	DSL	5027.434	482851.6371	0	81.92914844
Los Angele:	2019	T7 single construction	Aggregatec	Aggregatec	DSL	2480.876	231274.7123	0	38.58120909
Los Angele:	2019	T7 SWCV	Aggregatec	Aggregatec	DSL	3959.536	182368.3413	0	73.66977514
Los Angele:	2019	T7 tractor	Aggregatec	Aggregatec	DSL	10095.69	1400954.504	0	230.1658227
Los Angele:	2019	T7 tractor construction	Aggregatec	Aggregatec	DSL	1945.84	172432.3915	0	29.07487864
Los Angele:	2019	T7 utility	Aggregatec	Aggregatec	DSL	360.2059	8244.269439	0	1.598604489
Los Angele:	2019	T7IS	Aggregatec	Aggregatec	GAS	497.715	68544.29326	9958.28125	14.87512252
Los Angele:	2019	UBUS	Aggregatec	Aggregatec	GAS	1365.223	160016.9726	5460.892055	32.22039239
Los Angele:	2019	UBUS	Aggregatec	Aggregatec	DSL	3684.482	428667.28	14737.92967	92.10868767
SOUTH CO/	2020	T7IS	Aggregatec	Aggregatec	GAS	87.06695	7544.942081	1742.035577	1.924993227
SOUTH CO/	2020	UBUS	Aggregatec	Aggregatec	GAS	938.2571	88202.7311	3753.028589	18.36430248
SOUTH CO/	2020	UBUS	Aggregatec	Aggregatec	DSL	18.19692	1877.446227	72.78767323	0.296796191
SOUTH CO/	2020	UBUS	Aggregatec	Aggregatec	ELEC	12.11694	1072.906717	48.46775545	0
SOUTH CO/	2020	UBUS	Aggregatec	Aggregatec	NG	5222.886	571203.4089	20891.5439	144.1754651

Construction phase	Activity	Days
Demolition	Demolition	43
Site Preparation	Site Preparation	65
Grading/Excavation	Grading	43
Drainage/Utilities/Trenching	Trenching	43
Foundations/Concrete Pour	Building Construction	86
Building Construction	Building Construction	132
Paving	Paving	0
Architectural Coating	Architectural Coating	43
Finishes	Building Construction	45

Dalewood Project
Construction Energy Analysis

Electric-powered Construction Equipment

kWh/hp-hr
0.7457

76786.58

Equipment	Number	Hours/Day	Horsepower	Load Factor	Number Days	Total hp-hr	kWh	kWh/yr
Cranes	2	6	231	0.29	1217	978,322	729,535	521,096
Air Compressor	2	10	78	0.82	652	834,038	621,942	444,245
Total	**-**	**-**	**-**	**-**	**-**	**1,812,360**	**1,351,477**	**965,341**

Notes:

1. Cranes horsepower and load factors taken from CalEEMod

2. Conversion factor taken from University of North Carolina Unit Conversion Dictionary; Source: http://www.unc.edu/~rowlett/units/dictH.html

Dalewood Project
Operational Energy Analysis

Energy and VMT Estimates

Source	Natural Gas demand (million kBTU/yr)	Electricity demand (million kWh/yr)	Electricity demand from water demand (million kWh/yr)	Annual Worker and Visitor VMT
Dalewood Project	0.59	0.89	0.195	1,867,440

	CalEEMod		Total Water Use	Electricity Demand from water Demand
Source	Indoor Water Use (Mgal/yr)	Outdoor Water Use (Mgal/yr)	(Mgal/yr)	(million kWh)
Dalewood Project	10.08	5.754	15.835	0.195

CalEEMod Water Electricity Factors	Electricity Intensity Factor To Supply (kWh/Mgal)	Electricity Intensity Factor To Treat (kWh/Mgal)	Electricity Intensity Factor To Distribute (kWh/Mgal)	Electricity Intensity Factor For Wastewater Treatment (kWh/Mgal)
Project	9727	111	1272	1911

Source: California Emissions Estimator Model (CalEEMod).

Dalewood Project
Operational Energy Analysis
Project Trips
Fuel Usage from VMT

Annual VMT (All): 1,867,440 miles/year

(With trip and VMT reductions from land use characteristics and proximity to public transit.)

Fuel Type:[1]	GAS	DSL	ELEC	
Percent:	94.99%	3.80%	1.21%	
Miles per Gallon Fuel:	21.89	8.10	-	
Annual VMT by Fuel Type :	1,773,867	71,019	22,554	miles/year
Annual Fuel Usage :	81,053	8,767	-	gal/year
Annual Fuel Savings from Electric Vehicles:[2]	-	-	1,031	gal/year (assumed to be gasoline)

Notes:

1. California Air Resources Board, EMFAC2014, South Coast Air Basin; 2025; Annual; All vehicle types; Aggregate model year; Aggregate speed). https://www.arb.ca.gov/emfac/2014/
2. Assumes electric vehicles would replace traditional gasoline-fueled vehicles.

Row Labels	Sum of Population	Sum of VMT	Sum of Fuel_Consumption	
DSL	3.80%	16543680.83	2042.194075	8.100935
ELEC	1.21%	3798646.652	0	
GAS	94.99%	220283357.8	10065.37686	21.88526
Grand Total	**100.00%**	**240625685.3**	**12107.57094**	

EMFAC2014 (v1.0.7) Emissions Inventory
Region Type: County
Region: Los Angeles
Calendar Year: 2020
Season: Annual
Vehicle Classification: EMFAC2011 Categories
Units: miles/day for VMT, trips/day for Trips, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	CalYr	VehClass	MdlYr	Speed	Fuel	Population	VMT	Trips	ROG_RUNE	ROG_IDLE	ROG_STRE
Los Angele	2020	All Other B	Aggregatec	Aggregatec	DSL	3168.893	210253	0	0.016964	0.000127	0
Los Angele	2020	LDA	Aggregatec	Aggregatec	GAS	3698702	1.27E+08	23300177	2.364952	0	2.54822
Los Angele	2020	LDA	Aggregatec	Aggregatec	DSL	34095.23	1250361	211350.4	0.047623	0	0
Los Angele	2020	LDA	Aggregatec	Aggregatec	ELEC	82486.27	3789521	537752.3	0	0	0
Los Angele	2020	LDT1	Aggregatec	Aggregatec	GAS	323942.4	10911874	1968189	0.572544	0	0.525452
Los Angele	2020	LDT1	Aggregatec	Aggregatec	DSL	442.902	12290.63	2311.453	0.002362	0	0
Los Angele	2020	LDT1	Aggregatec	Aggregatec	ELEC	299.1754	9125.643	1802.352	0	0	0
Los Angele	2020	LDT2	Aggregatec	Aggregatec	GAS	1331413	48391682	8429253	1.145688	0	1.041603
Los Angele	2020	LDT2	Aggregatec	Aggregatec	DSL	2301.818	89536.01	14840.71	0.002225	0	0
Los Angele	2020	LHD1	Aggregatec	Aggregatec	GAS	70905.7	2109907	1056389	0.154241	0.028374	0.594735
Los Angele	2020	LHD1	Aggregatec	Aggregatec	DSL	49041.95	1887929	616886	0.173203	0.005934	0
Los Angele	2020	LHD2	Aggregatec	Aggregatec	GAS	15232.92	541634.4	226947.9	0.015968	0.006121	0.086003
Los Angele	2020	LHD2	Aggregatec	Aggregatec	DSL	22249.14	923661.1	279866.2	0.066649	0.002692	0
Los Angele	2020	MCY	Aggregatec	Aggregatec	GAS	173980.3	1204430	347925.8	3.483092	0	0.796185
Los Angele	2020	MDV	Aggregatec	Aggregatec	GAS	855415.8	29002731	5330907	1.685988	0	1.468132
Los Angele	2020	MDV	Aggregatec	Aggregatec	DSL	13894.5	538312.4	89258.49	0.012171	0	0
Los Angele	2020	MH	Aggregatec	Aggregatec	GAS	20584.37	175662	2059.26	0.0275	0	0.001192
Los Angele	2020	MH	Aggregatec	Aggregatec	DSL	4647.284	42587.39	464.7284	0.003672	0	0
Los Angele	2020	Motor Coa	Aggregatec	Aggregatec	DSL	799.2094	116022	0	0.018179	0.001763	0
Los Angele	2020	OBUS	Aggregatec	Aggregatec	GAS	5565.146	260270.4	111347.4	0.0123	0.00371	0.051155
Los Angele	2020	PTO	Aggregatec	Aggregatec	DSL	0	98267.83	0	0.035865	0	0
Los Angele	2020	SBUS	Aggregatec	Aggregatec	GAS	1290.29	50885.26	5161.159	0.004518	0.012248	0.005476
Los Angele	2020	SBUS	Aggregatec	Aggregatec	DSL	2941.245	112070	0	0.016535	0.000741	0
Los Angele	2020	T6 Ag	Aggregatec	Aggregatec	DSL	168.5271	2869.468	0	0.001531	0.000139	0
Los Angele	2020	T6 CAIRP h	Aggregatec	Aggregatec	DSL	152.2214	8146.598	0	0.000414	3.99E-06	0
Los Angele	2020	T6 CAIRP si	Aggregatec	Aggregatec	DSL	380.1507	25008.05	0	0.001955	1.81E-05	0
Los Angele	2020	T6 instate (	Aggregatec	Aggregatec	DSL	1756.464	130102.1	0	0.009881	6.93E-05	0
Los Angele	2020	T6 instate (	Aggregatec	Aggregatec	DSL	5997.35	353055.9	0	0.040628	0.000404	0
Los Angele	2020	T6 instate l	Aggregatec	Aggregatec	DSL	19121.06	954087.4	0	0.06776	0.000694	0
Los Angele	2020	T6 instate s	Aggregatec	Aggregatec	DSL	40077.65	2432336	0	0.293564	0.002844	0
Los Angele	2020	T6 OOS hea	Aggregatec	Aggregatec	DSL	89.59769	4667.695	0	0.000239	2.34E-06	0
Los Angele	2020	T6 OOS sm	Aggregatec	Aggregatec	DSL	217.8121	14328.67	0	0.00112	1.03E-05	0
Los Angele	2020	T6 Public	Aggregatec	Aggregatec	DSL	4055.284	67125.55	0	0.003559	0.000231	0
Los Angele	2020	T6 utility	Aggregatec	Aggregatec	DSL	842.7846	16176.12	0	0.000469	1.47E-05	0
Los Angele	2020	T6TS	Aggregatec	Aggregatec	GAS	12218.26	642461.8	244463	0.061448	0.01074	0.213423
Los Angele	2020	T7 Ag	Aggregatec	Aggregatec	DSL	121.3182	2013.248	0	0.002124	0.00058	0
Los Angele	2020	T7 CAIRP	Aggregatec	Aggregatec	DSL	5135.102	1072639	0	0.154845	0.021998	0
Los Angele	2020	T7 CAIRP c	Aggregatec	Aggregatec	DSL	388.6745	92293.44	0	0.0134	0.001657	0
Los Angele	2020	T7 NNOOS	Aggregatec	Aggregatec	DSL	5233.947	1330074	0	0.118974	0.019197	0
Los Angele	2020	T7 NOOS	Aggregatec	Aggregatec	DSL	2075.874	423692.2	0	0.060988	0.010812	0
Los Angele	2020	T7 POLA	Aggregatec	Aggregatec	DSL	8362.505	1262332	0	0.388855	0.016138	0
Los Angele	2020	T7 Public	Aggregatec	Aggregatec	DSL	4789.066	109750.9	0	0.011217	0.008949	0
Los Angele	2020	T7 Single	Aggregatec	Aggregatec	DSL	4988.303	494896.4	0	0.062316	0.004236	0
Los Angele	2020	T7 single c	Aggregatec	Aggregatec	DSL	2507.979	238751	0	0.027077	0.00195	0
Los Angele	2020	T7 SWCV	Aggregatec	Aggregatec	DSL	4012.568	184812.5	0	0.042663	0.003665	0
Los Angele	2020	T7 tractor	Aggregatec	Aggregatec	DSL	10780.05	1453733	0	0.249933	0.010261	0
Los Angele	2020	T7 tractor (	Aggregatec	Aggregatec	DSL	1983.781	178006.5	0	0.029588	0.001651	0
Los Angele	2020	T7 utility	Aggregatec	Aggregatec	DSL	364.1826	8331.888	0	0.000454	0.000245	0
Los Angele	2020	T7IS	Aggregatec	Aggregatec	GAS	507.742	70375.78	10158.9	0.033832	0	0.014856
Los Angele	2020	UBUS	Aggregatec	Aggregatec	GAS	1416.376	164382.4	5665.503	0.145921	0	0.014344
Los Angele	2020	UBUS	Aggregatec	Aggregatec	DSL	3499.153	403160.3	13996.61	0.457477	0	0

ROG_TOTE	ROG_DIUR	ROG_HTSK	ROG_RUNI	ROG_REST	ROG_TOTA	TOG_RUNE	TOG_IDLE	TOG_STRE	TOG_TOTE	TOG_DIUR	TOG_HTSK
0.017091	0	0	0	0	0.017091	0.019313	0.000144	0	0.019457	0	0
4.913172	1.239302	3.175709	6.312174	1.131908	16.77226	3.444585	0	2.78988	6.234464	1.239302	3.175709
0.047623	0	0	0	0	0.047623	0.054216	0	0	0.054216	0	0
0	0.00204	0.002895	0	0.000687	0.005622	0	0	0	0	0.00204	0.002895
1.097996	0.316367	0.659536	2.311563	0.258187	4.64365	0.833069	0	0.57528	1.40835	0.316367	0.659536
0.002362	0	0	0	0	0.002362	0.002689	0	0	0.002689	0	0
0	7.39E-06	9.7E-06	0	2.48E-06	1.96E-05	0	0	0	0	7.39E-06	9.7E-06
2.187291	0.471	1.089134	3.559441	0.46159	7.768456	1.669858	0	1.140405	2.810263	0.471	1.089134
0.002225	0	0	0	0	0.002225	0.002533	0	0	0.002533	0	0
0.777351	0.006396	0.20708	1.442808	0.003793	2.437427	0.223225	0.041387	0.651072	0.915683	0.006396	0.20708
0.179137	0	0	0	0	0.179137	0.197181	0.006755	0	0.203936	0	0
0.108092	0.00079	0.026783	0.174862	0.000492	0.311019	0.023215	0.008931	0.094158	0.126303	0.00079	0.026783
0.069341	0	0	0	0	0.069341	0.075875	0.003065	0	0.07894	0	0
4.279277	0.410912	0.25349	0.840477	0.253223	6.03738	4.313619	0	0.8665	5.180119	0.410912	0.25349
3.15412	0.432399	1.005404	3.034389	0.441257	8.067569	2.311088	0	1.606769	3.917857	0.432399	1.005404
0.012171	0	0	0	0	0.012171	0.013856	0	0	0.013856	0	0
0.028692	0.003276	0.00023	0.005263	0.001367	0.038829	0.038594	0	0.001304	0.039898	0.003276	0.00023
0.003672	0	0	0	0	0.003672	0.00418	0	0	0.00418	0	0
0.019942	0	0	0	0	0.019942	0.020695	0.002007	0	0.022702	0	0
0.067164	0.0002	0.002354	0.025573	0.000104	0.095395	0.01792	0.005413	0.056005	0.079338	0.0002	0.002354
0.035865	0	0	0	0	0.035865	0.040829	0	0	0.040829	0	0
0.022242	4.69E-05	0.000402	0.002718	2.29E-05	0.025431	0.006592	0.017872	0.005996	0.03046	4.69E-05	0.000402
0.017276	0	0	0	0	0.017276	0.018823	0.000844	0	0.019667	0	0
0.00167	0	0	0	0	0.00167	0.001743	0.000158	0	0.001901	0	0
0.000418	0	0	0	0	0.000418	0.000471	4.54E-06	0	0.000475	0	0
0.001973	0	0	0	0	0.001973	0.002225	2.06E-05	0	0.002246	0	0
0.009951	0	0	0	0	0.009951	0.011249	7.89E-05	0	0.011328	0	0
0.041031	0	0	0	0	0.041031	0.046251	0.00046	0	0.046711	0	0
0.068454	0	0	0	0	0.068454	0.07714	0.00079	0	0.077929	0	0
0.296408	0	0	0	0	0.296408	0.3342	0.003238	0	0.337438	0	0
0.000241	0	0	0	0	0.000241	0.000272	2.67E-06	0	0.000275	0	0
0.00113	0	0	0	0	0.00113	0.001275	1.18E-05	0	0.001287	0	0
0.00379	0	0	0	0	0.00379	0.004051	0.000263	0	0.004314	0	0
0.000484	0	0	0	0	0.000484	0.000534	1.67E-05	0	0.000551	0	0
0.285611	0.000624	0.024108	0.128303	0.000389	0.439036	0.089665	0.015671	0.233672	0.339007	0.000624	0.024108
0.002704	0	0	0	0	0.002704	0.002418	0.00066	0	0.003078	0	0
0.176842	0	0	0	0	0.176842	0.176279	0.025043	0	0.201322	0	0
0.015057	0	0	0	0	0.015057	0.015255	0.001886	0	0.017142	0	0
0.138172	0	0	0	0	0.138172	0.135443	0.021855	0	0.157298	0	0
0.0718	0	0	0	0	0.0718	0.06943	0.012309	0	0.081739	0	0
0.404993	0	0	0	0	0.404993	0.442682	0.018371	0	0.461053	0	0
0.020166	0	0	0	0	0.020166	0.012769	0.010188	0	0.022957	0	0
0.066552	0	0	0	0	0.066552	0.070942	0.004823	0	0.075765	0	0
0.029027	0	0	0	0	0.029027	0.030825	0.00222	0	0.033045	0	0
0.046328	0	0	0	0	0.046328	0.71785	0.007111	0	0.724961	0	0
0.260194	0	0	0	0	0.260194	0.284529	0.011682	0	0.296211	0	0
0.031239	0	0	0	0	0.031239	0.033683	0.00188	0	0.035563	0	0
0.000699	0	0	0	0	0.000699	0.000517	0.000279	0	0.000796	0	0
0.048688	1.8E-05	0.000836	0.003824	1.34E-05	0.053378	0.049205	0	0.01626	0.065465	1.8E-05	0.000836
0.160265	9.02E-05	0.001524	0.013529	5.03E-05	0.175458	0.212911	0	0.015704	0.228616	9.02E-05	0.001524
0.457477	0	0	0	0	0.457477	2.305231	0	0	2.305231	0	0

TOG_RUNL	TOG_RESTI	TOG_TOTA	CO_RUNEX	CO_IDLEX	CO_STREX	CO_TOTEX	NOx_RUNE	NOx_IDLEX	NOx_STRE)	NOx_TOTE	CO2_RUNE
0	0	0.019457	0.059037	0.001051	0	0.060087	0.663146	0.017286	0.054835	0.735266	274.4731
6.312174	1.131908	18.09356	109.8667	0	37.54698	147.4137	9.149665	0	2.429153	11.57882	42670.46
0	0	0.054216	0.478504	0	0	0.478504	0.177007	0	0	0.177007	386.568
0	0.000687	0.005622	0	0	0	0	0	0	0	0	0
2.311563	0.258187	4.954003	24.29161	0	7.458223	31.74984	2.294182	0	0.432189	2.726371	4340.899
0	0	0.002689	0.013553	0	0	0.013553	0.013233	0	0	0.013233	5.347081
0	2.48E-06	1.96E-05	0	0	0	0	0	0	0	0	0
3.559441	0.46159	8.391428	52.05213	0	15.56367	67.6158	5.390696	0	1.33476	6.725456	21767.63
0	0	0.002533	0.019258	0	0	0.019258	0.005397	0	0	0.005397	36.31368
1.442808	0.003793	2.57576	3.737234	0.243905	6.075467	10.05661	0.857302	0.002361	2.081012	2.940674	1724.414
0	0	0.203936	0.960926	0.04918	0	1.010106	4.20144	0.125031	0	4.326471	1018.617
0.174862	0.000492	0.32923	0.38675	0.053636	0.934355	1.374741	0.12677	0.00051	0.369327	0.496608	480.731
0	0	0.07894	0.343623	0.022312	0	0.365935	1.302589	0.054831	0	1.35742	544.205
0.840477	0.253223	6.938221	25.86363	0	3.691642	29.55527	1.505887	0	0.118823	1.624711	248.9569
3.034389	0.441257	8.831306	57.38563	0	18.56641	75.95203	6.279481	0	1.705481	7.984962	17409.35
0	0	0.013856	0.179557	0	0	0.179557	0.033017	0	0	0.033017	281.4785
0.005263	0.001367	0.050035	0.83349	0	0.01986	0.85335	0.112891	0	0.002503	0.115394	227.2624
0	0	0.00418	0.015491	0	0	0.015491	0.189087	0	0	0.189087	46.75305
0	0	0.022702	0.070896	0.007254	0	0.078149	0.575806	0.069101	0.02671	0.671617	215.7229
0.025573	0.000104	0.107568	0.310967	0.030543	0.812328	1.153838	0.088362	0.000311	0.132496	0.221169	332.889
0	0	0.040829	0.140157	0	0	0.140157	0.793506	0	0	0.793506	228.5573
0.002718	2.29E-05	0.033649	0.103867	0.100687	0.104351	0.308905	0.027739	0.001028	0.007883	0.03665	37.01134
0	0	0.019667	0.047391	0.006591	0	0.053982	0.858336	0.143449	0.029584	1.031369	160.3087
0	0	0.001901	0.004473	0.000712	0	0.005185	0.017938	0.001326	0.001517	0.020781	3.787732
0	0	0.000475	0.001797	3.18E-05	0	0.001829	0.013379	0.000503	0.004277	0.01816	10.21923
0	0	0.002246	0.007579	0.000177	0	0.007756	0.035037	0.001424	0.010663	0.047123	31.54236
0	0	0.011328	0.034326	0.000577	0	0.034903	0.429508	0.009986	0.029721	0.469215	167.8731
0	0	0.046711	0.145412	0.004103	0	0.149515	0.743565	0.030061	0.122971	0.896597	450.6419
0	0	0.077929	0.253611	0.005676	0	0.259287	2.495293	0.092955	0.373954	2.962202	1215.012
0	0	0.337438	1.049993	0.029291	0	1.079284	5.061181	0.209126	0.825604	6.095912	3101.041
0	0	0.000275	0.001037	1.89E-05	0	0.001056	0.008028	0.000311	0.002485	0.010824	5.860356
0	0	0.001287	0.004342	0.000102	0	0.004444	0.020075	0.000816	0.006109	0.027	18.07259
0	0	0.004314	0.012537	0.001637	0	0.014174	0.307053	0.029393	0.055628	0.392073	85.69774
0	0	0.000551	0.002468	0.00011	0	0.002578	0.010511	0.001599	0.024186	0.036296	21.03592
0.128303	0.000389	0.492433	1.603239	0.164522	3.487245	5.255007	0.404713	0.000917	0.497861	0.903491	825.4539
0	0	0.003078	0.008944	0.001623	0	0.010567	0.023597	0.002847	0.0013	0.027744	3.837763
0	0	0.201322	0.72681	0.084701	0	0.811511	4.586141	0.679446	0.220541	5.486127	1861.588
0	0	0.017142	0.058395	0.006293	0	0.064689	0.40411	0.051549	0.016154	0.471813	162.2452
0	0	0.157298	0.64837	0.071421	0	0.719791	2.622071	0.573192	0.275831	3.471094	2155.789
0	0	0.081739	0.287549	0.041285	0	0.328834	1.842251	0.331985	0.088641	2.262878	736.3198
0	0	0.461053	1.395824	0.063977	0	1.459801	9.637751	0.429922	0.297705	10.36538	2499.044
0	0	0.022957	0.049023	0.032576	0	0.081599	1.069773	0.392248	0.105291	1.567311	204.0539
0	0	0.075765	0.247105	0.016882	0	0.263987	2.529054	0.153547	0.145586	2.828187	901.5939
0	0	0.033045	0.112942	0.007744	0	0.120686	1.063337	0.069917	0.080179	1.213433	426.7839
0	0	0.724961	1.818494	0.030636	0	1.849131	1.715305	0.283369	0.000764	1.999438	778.7777
0	0	0.296211	1.017942	0.040971	0	1.058913	7.941683	0.346651	0.333125	8.621459	2566.955
0	0	0.035563	0.118274	0.006601	0	0.124874	1.026211	0.059526	0.060274	1.146011	320.5359
0	0	0.000796	0.002681	0.000906	0	0.003586	0.008734	0.007472	0.017663	0.033868	14.84238
0.003824	1.34E-05	0.070155	2.391926	0	0.517292	2.909217	0.241043	0	0.041941	0.282983	135.3513
0.013529	5.03E-05	0.24381	1.301251	0	0.191878	1.493129	0.267818	0	0.024098	0.291915	304.0244
0	0	2.305231	6.429583	0	0	6.429583	6.922225	0	0	6.922225	952.7726

CO2_IDLEX	CO2_STREX	CO2_TOTE	PM10_RUN	PM10_IDLE	PM10_STR	PM10_TOT	PM10_PM	PM10_PME	PM10_TOT	PM2_5_RU	PM2_5_IDI
2.456279	0	276.9294	0.003477	7.01E-06	0	0.003484	0.002781	0.030208	0.036473	0.003326	6.71E-06
0	1623.628	44294.09	0.307201	0	0.062298	0.369498	1.117806	5.134921	6.622225	0.282483	0
0	0	386.568	0.026744	0	0	0.026744	0.011026	0.050652	0.088423	0.025587	0
0	0	0	0	0	0	0	0.033418	0.153513	0.186931	0	0
0	158.8978	4499.797	0.045838	0	0.00823	0.054067	0.096226	0.442039	0.592333	0.042157	0
0	0	5.347081	0.001753	0	0	0.001753	0.000108	0.000498	0.002359	0.001677	0
0	0	0	0	0	0	0	8.05E-05	0.00037	0.00045	0	0
0	774.595	22542.22	0.115704	0	0.021892	0.137596	0.426742	1.960344	2.524681	0.106393	0
0	0	36.31368	0.000604	0	0	0.000604	0.00079	0.003627	0.005021	0.000578	0
9.021444	66.11613	1799.552	0.003675	0	0.002208	0.005883	0.018606	0.177782	0.202271	0.003381	0
7.375487	0	1025.993	0.038789	0.001471	0	0.04026	0.024973	0.159078	0.224311	0.037111	0.001408
2.233266	16.76585	499.7301	0.000679	0	0.000312	0.000991	0.004776	0.053245	0.059012	0.000624	0
5.324084	0	549.529	0.015099	0.000658	0	0.015757	0.012218	0.0908	0.118775	0.014446	0.00063
0	17.37227	266.3291	0.003067	0	0.001559	0.004626	0.005311	0.015613	0.02555	0.00287	0
0	653.2612	18062.61	0.07614	0	0.015814	0.091954	0.25576	1.174899	1.522613	0.070128	0
0	0	281.4785	0.004716	0	0	0.004716	0.004747	0.021807	0.03127	0.004512	0
0	0.177216	227.4396	0.000387	0	4.39E-06	0.000392	0.002324	0.025238	0.027953	0.000357	0
0	0	46.75305	0.004722	0	0	0.004722	0.000751	0.006119	0.011592	0.004518	0
10.0687	0	225.7916	0.002974	3.3E-05	0	0.003007	0.001535	0.016669	0.021211	0.002846	3.16E-05
2.248415	9.183209	344.3206	0.000254	0	0.000104	0.000359	0.003443	0.037394	0.041196	0.000234	0
0	0	228.5573	0.00318	0	0	0.00318	0	0	0.00318	0.003042	0
3.488816	0.707348	41.20751	7.24E-05	0	1.02E-05	8.26E-05	0.000449	0.041777	0.042308	6.66E-05	0
12.19551	0	172.5042	0.004923	0.000166	0	0.005089	0.001482	0.09201	0.098581	0.00471	0.000159
0.117377	0	3.90511	0.000873	4.4E-05	0	0.000917	3.8E-05	0.000412	0.001367	0.000835	4.21E-05
0.113028	0	10.33226	6.18E-05	1.36E-07	0	6.19E-05	0.000108	0.00117	0.00134	5.91E-05	1.3E-07
0.276514	0	31.81888	0.000954	4.21E-06	0	0.000958	0.000331	0.003593	0.004882	0.000913	4.03E-06
1.354329	0	169.2275	0.002477	5.88E-06	0	0.002483	0.001721	0.018692	0.022896	0.00237	5.63E-06
4.486974	0	455.1289	0.02291	0.000106	0	0.023016	0.00467	0.050725	0.078412	0.021919	0.000102
14.75827	0	1229.77	0.012366	2.88E-05	0	0.012395	0.01262	0.137079	0.162094	0.011831	2.76E-05
29.92259	0	3130.964	0.173595	0.000794	0	0.174389	0.032174	0.349467	0.55603	0.166085	0.00076
0.066656	0	5.927011	3.82E-05	1E-07	0	3.83E-05	6.17E-05	0.000671	0.000771	3.65E-05	9.58E-08
0.158432	0	18.23102	0.000547	2.41E-06	0	0.000549	0.00019	0.002059	0.002797	0.000523	2.31E-06
3.002677	0	88.70042	0.001596	5.78E-05	0	0.001654	0.000888	0.009644	0.012186	0.001527	5.53E-05
0.608518	0	21.64444	3.51E-05	1.23E-07	0	3.53E-05	0.000214	0.002324	0.002573	3.36E-05	1.18E-07
7.084579	30.54106	863.0795	0.000751	0	0.000436	0.001187	0.008498	0.092306	0.101991	0.00069	0
0.356268	0	4.19403	0.001245	0.000104	0	0.00135	7.99E-05	0.000137	0.001566	0.001191	1E-04
157.6252	0	2019.213	0.019379	0.000264	0	0.019644	0.042566	0.073	0.13521	0.018541	0.000253
11.2528	0	173.4981	0.002137	2.96E-05	0	0.002166	0.003662	0.006281	0.01211	0.002044	2.83E-05
183.8356	0	2339.625	0.011327	0.000174	0	0.011501	0.052782	0.09052	0.154803	0.010837	0.000166
78.32518	0	814.6449	0.007869	0.000155	0	0.008023	0.016813	0.028835	0.053672	0.007529	0.000148
85.56477	0	2584.608	0.039873	6.75E-05	0	0.039941	0.050093	0.08591	0.175944	0.038149	6.45E-05
41.02398	0	245.0779	0.006022	0.001123	0	0.007145	0.004355	0.007469	0.018969	0.005761	0.001074
25.92346	0	927.5174	0.012202	8.68E-05	0	0.012288	0.019639	0.033681	0.065608	0.011674	8.31E-05
12.87236	0	439.6562	0.005059	3.73E-05	0	0.005096	0.009474	0.016249	0.030819	0.00484	3.57E-05
33.96164	0	812.7393	0.002022	0.000721	0	0.002743	0.007334	0.012578	0.022655	0.001935	0.00069
60.4888	0	2627.444	0.037513	0.000116	0	0.03763	0.057689	0.098936	0.194255	0.035891	0.000111
10.27501	0	330.8109	0.005745	2.93E-05	0	0.005775	0.007064	0.012115	0.024953	0.005497	2.8E-05
2.986939	0	17.82931	2.72E-05	7.21E-07	0	2.79E-05	0.000331	0.000567	0.000926	2.6E-05	6.9E-07
0	1.594804	136.9461	6.63E-05	0	1.57E-05	8.2E-05	0.001552	0.00479	0.006423	6.1E-05	0
0	1.907684	305.9321	0.000501	0	2.11E-05	0.000522	0.002174	0.023618	0.026315	0.000461	0
0	0	952.7726	0.093573	0	0	0.093573	0.005333	0.374112	0.473017	0.089525	0

PM2_5_STI	PM2_5_TO	PM2_5_PM	PM2_5_PM	PM2_5_TO	SOx_RUNE	SOx_IDLEX	SOx_STREX	SOx_TOTE)	Fuel_Consumption
0	0.003333	0.000695	0.012946	0.016975	0.002619	2.34E-05	0	0.002642	24.92364
0.057287	0.33977	0.279451	2.20068	2.819902	0.42775	0	0.01688	0.444631	4742.633
0	0.025587	0.002757	0.021708	0.050052	0.00369	0	0	0.00369	34.79112
0	0	0.008354	0.065791	0.074146	0	0	0	0	0
0.007569	0.049726	0.024057	0.189445	0.263228	0.043735	0	0.001721	0.045456	484.8515
0	0.001677	2.71E-05	0.000213	0.001918	5.1E-05	0	0	5.1E-05	0.481237
0	0	2.01E-05	0.000158	0.000179	0	0	0	0	0
0.02013	0.126524	0.106685	0.840148	1.073357	0.218145	0	0.008011	0.226155	2412.273
0	0.000578	0.000197	0.001554	0.00233	0.000347	0	0	0.000347	3.268231
0.002033	0.005414	0.004652	0.076192	0.086258	0.017278	9.51E-05	0.000775	0.018148	193.5741
0	0.038518	0.006243	0.068176	0.112938	0.009724	7.04E-05	0	0.009795	92.33936
0.000287	0.000911	0.001194	0.022819	0.024925	0.004805	2.34E-05	0.000185	0.005014	53.47677
0	0.015076	0.003054	0.038914	0.057044	0.005195	5.08E-05	0	0.005246	49.45761
0.001471	0.00434	0.001328	0.006691	0.01236	0.003018	0	0.000258	0.003275	34.93302
0.014562	0.08469	0.06394	0.503528	0.652158	0.174744	0	0.006861	0.181605	1937.076
0	0.004512	0.001187	0.009346	0.015044	0.002687	0	0	0.002687	25.33306
4.07E-06	0.000361	0.000581	0.010816	0.011758	0.002283	0	2.12E-06	0.002285	24.37074
0	0.004518	0.000188	0.002622	0.007328	0.000446	0	0	0.000446	4.207775
0	0.002877	0.000384	0.007144	0.010405	0.002058	9.61E-05	0	0.002154	20.32124
9.6E-05	0.00033	0.000861	0.016026	0.017217	0.003328	2.31E-05	0.000106	0.003457	36.87827
0	0.003042	0	0	0.003042	0.002181	0	0	0.002181	20.57016
9.35E-06	7.59E-05	0.000112	0.017904	0.018092	0.000371	3.69E-05	8.88E-06	0.000417	4.448618
0	0.004869	0.000371	0.039433	0.044672	0.001529	0.000116	0	0.001646	15.52538
0	0.000877	9.49E-06	0.000177	0.001063	3.61E-05	1.12E-06	0	3.73E-05	0.35146
0	5.92E-05	2.69E-05	0.000502	0.000588	9.75E-05	1.08E-06	0	9.86E-05	0.929903
0	0.000917	8.27E-05	0.00154	0.00254	0.000301	2.64E-06	0	0.000304	2.863699
0	0.002375	0.00043	0.008011	0.010816	0.001602	1.29E-05	0	0.001615	15.23047
0	0.02202	0.001168	0.021739	0.044927	0.004299	4.28E-05	0	0.004342	40.9616
0	0.011858	0.003155	0.058748	0.073762	0.011592	0.000141	0	0.011733	110.6793
0	0.166845	0.008044	0.149771	0.32466	0.029585	0.000285	0	0.029871	281.7868
0	3.66E-05	1.54E-05	0.000287	0.000339	5.59E-05	6.36E-07	0	5.65E-05	0.533431
0	0.000525	4.74E-05	0.000882	0.001455	0.000172	1.51E-06	0	0.000174	1.640792
0	0.001583	0.000222	0.004133	0.005938	0.000818	2.86E-05	0	0.000846	7.983038
0	3.37E-05	5.35E-05	0.000996	0.001083	0.000201	5.81E-06	0	0.000206	1.947999
0.000401	0.001091	0.002125	0.03956	0.042775	0.008267	7.38E-05	0.000367	0.008708	92.87976
0	0.001291	2E-05	5.87E-05	0.00137	3.66E-05	3.4E-06	0	4E-05	0.377463
0	0.018794	0.010641	0.031286	0.060721	0.01776	0.001504	0	0.019264	181.7292
0	0.002073	0.000916	0.002692	0.00568	0.001548	0.000107	0	0.001655	15.61482
0	0.011004	0.013195	0.038794	0.062994	0.020567	0.001754	0	0.022321	210.5662
0	0.007676	0.004203	0.012358	0.024238	0.007025	0.000747	0	0.007772	73.31804
0	0.038213	0.012523	0.036819	0.087555	0.023842	0.000816	0	0.024658	232.6148
0	0.006836	0.001089	0.003201	0.011126	0.001947	0.000391	0	0.002338	22.05701
0	0.011757	0.00491	0.014435	0.031101	0.008602	0.000247	0	0.008849	83.47657
0	0.004876	0.002369	0.006964	0.014208	0.004072	0.000123	0	0.004195	39.56906
0	0.002625	0.001833	0.00539	0.009849	0.003217	0.000119	0	0.003337	73.14654
0	0.036002	0.014422	0.042401	0.092825	0.02449	0.000577	0	0.025067	236.47
0	0.005525	0.001766	0.005192	0.012483	0.003058	9.8E-05	0	0.003156	29.77299
0	2.67E-05	8.27E-05	0.000243	0.000352	0.000142	2.85E-05	0	0.00017	1.604638
1.46E-05	7.56E-05	0.000388	0.002053	0.002516	0.00139	0	2.45E-05	0.001415	15.08801
1.94E-05	0.00048	0.000544	0.010122	0.011146	0.003061	0	2.25E-05	0.003084	32.8939
0	0.089525	0.001333	0.160334	0.251192	0.003221	0	0	0.003221	85.74954

Appendix H
Will Serve Letters

ESA

SAN GABRIEL VALLEY WATER COMPANY

April 13, 2016

Ms. Julie Mui
The Stetson Group, Inc.
554 E. San Bernardino Road, Suite 200
Covina, CA 91723

Subject: 14614 & 14622 Dalewood Ave.
Baldwin Park, CA

Dear Ms. Mui:

San Gabriel Valley Water Company ("San Gabriel") is a public utility regulated by the State of California Public Utilities Commission (the "Commission"). The subject property is located entirely within San Gabriel's service area as authorized by the Commission, and San Gabriel has sufficient water resources available to supply water service to the property.

Please contact the fire department and obtain and provide us with the fire department's written fire flow requirements for your property as soon as possible. That information will enable us to determine if existing water distribution facilities are adequate or if new facilities must be designed and installed to provide water service to your property. Before San Gabriel can install such facilities or commence water service, you will need to complete the appropriate applications, agreements, and necessary financial arrangements in accordance with San Gabriel's tariff schedules and rules filed with and approved by the Commission.

If you have any questions or need additional information, please contact me at (909) 201-7347 or via e-mail at lzzhou@sgvwater.com.

Very truly yours,

Liuzong Zhou

Liuzong Zhou, P.E.
Design Manager

LZZ:kah

ENGINEERING DEPARTMENT
15966 ARROW ROUTE • FONTANA, CALIFORNIA 92335 • (909) 201-7375 • Fax (909) 201-7377

FORM 196
Rev. 04/03

COUNTY OF LOS ANGELES FIRE DEPARTMENT
FIRE PREVENTION DIVISION

Fire Prevention Engineering
5823 Rickenbacker Road
Commerce, CA 90040
Telephone (323) 890-4125 Fax (323) 890-4129

Information on Fire Flow Availability for Building Permit

For All Buildings Other Than Single Family Dwellings (R-3)

INSTRUCTIONS:

Complete parts I, II (A) when:
Verifying fire flow, fire hydrant location and fire hydrant size.

Complete parts I, II (A), & II (B) when:
For buildings equipped with fire sprinkler systems, and/or private on-site fire hydrants.

PROJECT INFORMATION
(To Be Completed By Applicant)

PART I

Building Address: 14614 & 14622 Dalewood Street

City or Area: Baldwin Park

Nearest Cross Street: West Merced Avenue

Distance of Nearest Cross Street: 0.1 Mile

Applicant: The Stetson Group, Inc. Telephone: (626) 331-6866

Address: 554 E. San Bernardino Road, Suite 200

City: Covina

Occupancy (Use of Building): Commercial Sprinklered: Yes ☐ No ☒

Type of Construction: Steel

Square Footage: 60,000 sq. ft. Number of Stories: _____

Present Zoning: C-F

Applicant's Signature

03/30/16
Date

PART II-A **INFORMATION ON FIRE FLOW AVAILABILITY**
(To be completed by Water Purveyor)

Location Dalewood Ave. and Halinor Ave.

Hydrant Number 3520E

Distance from Nearest Property Line see map Size of Hydrant 6" x 4" x 2½" Size of Water main 8"

Static PSI 73 Residual PSI 46 Orifice size 4" Pitot 15

Fire Flow at 20 PSI 2000 GPM Duration 2 hrs. Flow Test Date / Time 4-8-16/2:30 p.m.

Location

Hydrant Number

Distance from Nearest Property Line Size of Hydrant Size of Water main

Static PSI Residual PSI Orifice size Pitot

Fire Flow at 20 PSI Duration Flow Test Date / Time

Location

Hydrant Number

Distance from Nearest Property Line Size of Hydrant Size of Water main

Static PSI Residual PSI Orifice size Pitot

Fire Flow at 20 PSI Duration Flow Test Date / Time

PART II-B **SPRINKLERED BUILDINGS/PRIVATE FIRE HYDRANTS ONLY**

Detector Location (check one) ☐ Above Grade ☐ Below Grade ☐ Either

Backflow Protection Required (Fire Sprinklers/Private Hydrant) (check one) ☐ Yes ☐ No

Minimum Type of Protection Required (check one) ☐ Single Check Detector Assembly

☐ Double Check Detector Assembly ☐ Reduced Pressure Principle Detector Assembly

---

San Gabriel Valley Water Company
Water Purveyor

Liuzong Zhou
Signature Liuzong Zhou, P.E.

April 13, 2016
Date

Design Manager
Title

This Information is Considered Valid for Twelve Months

Fire Department approval of building plans shall be required prior to the issuance of a Building Permit by the jurisdictional Building Department. Any deficiencies in water systems will need to be resolved by the Fire Prevention Division only prior to this department's approval of building plans.