APPENDIX H:

REGULATORY DATABASE REPORT

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*Fairfield Inn & Suites LAX El Segundo & aLoft El* *475 & 525 North Sepulveda Boulevard* *Los Angeles CA 90049*
Project No:	*124963.17R-001.135*
Report Type:	*Database Report*
Order No:	*20170222217*
Requested by:	*EMG, Inc*
Date Completed:	*February 23, 2017*

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Executive Summary

Property Information:

Project Property:		*Fairfield Inn & Suites LAX El Segundo & aLoft El* *475 & 525 North Sepulveda Boulevard Los Angeles CA 90049*
Project No:		*124963.17R-001.135*
Coordinates:		
	Latitude:	*33.922244*
	Longitude:	*-118.396788*
	UTM Northing:	*3,754,413.03*
	UTM Easting:	*370,887.35*
	UTM Zone:	*UTM Zone 11S*
Elevation:		*107 FT*

Order Information:

Order No:	*20170222217*
Date Requested:	*February 22, 2017*
Requested by:	*EMG, Inc*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*PSR*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	.5	0	0	0	0	-	0
SEMS	Y	.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	.5	0	0	1	3	-	4
CERCLIS	Y	.5	0	0	1	3	-	4
CERCLIS NFRAP	Y	.5	0	0	1	3	-	4
CERCLIS LIENS	Y	.125	0	0	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	3	1	4
RCRA TSD	Y	.5	0	0	1	4	-	5
RCRA LQG	Y	.25	0	1	2	-	-	3
RCRA SQG	Y	.25	0	5	11	-	-	16
RCRA CESQG	Y	.25	0	0	0	-	-	0
RCRA NON GEN	Y	.25	0	1	0	-	-	1
FED ENG	Y	.5	0	0	0	0	-	0
FED INST	Y	.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	.125	0	0	-	-	-	0
ERNS 1987 TO 1989	Y	.125	0	0	-	-	-	0
ERNS	Y	.125	0	1	-	-	-	1
FED BROWNFIELDS	Y	.5	0	0	0	0	-	0
FEMA UST	Y	.25	0	0	0	-	-	0
State								
RESPONSE	Y	1	0	0	0	0	0	0
ENVIROSTOR	Y	1	0	1	0	12	10	23
DELISTED ENVS	Y	1	0	0	0	0	0	0
SWF/LF	Y	.5	0	0	0	0	-	0
HWP	Y	1	0	0	0	4	1	5
LDS	Y	.5	0	0	0	0	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
LUST	Y	.5	0	2	3	6	-	11
DLST	Y	.5	0	0	0	0	-	0
UST	Y	.25	0	0	4	-	-	4
AST	Y	.25	0	0	1	-	-	1
DELISTED TNK	Y	.25	0	0	0	-	-	0
UST CLOSURE	Y	.5	0	0	0	0	-	0
HHSS	Y	.25	0	6	4	-	-	10
LUR	Y	.5	0	0	0	0	-	0
HLUR	Y	.5	0	0	0	0	-	0
DEED	Y	.5	0	0	0	0	-	0
VCP	Y	.5	0	0	1	2	-	3
CLEANUP SITES	Y	.5	0	0	0	3	-	3
Tribal								
INDIAN LUST	Y	.5	0	0	0	0	-	0
INDIAN UST	Y	.25	0	0	0	-	-	0
DELISTED ILST	Y	.5	0	0	0	0	-	0
DELISTED IUST	Y	.25	0	0	0	-	-	0
County								
DELISTED COUNTY	Y	.25	0	0	3	-	-	3
BURBANK CUPA	Y	.25	0	0	0	-	-	0
ELSEGUNDO UST	Y	.25	0	9	17	-	-	26
SANTAFESP UST	Y	.25	0	0	0	-	-	0
SANTAMON AST	Y	.25	0	0	0	-	-	0
SANTAMON CUPA	Y	.25	0	0	0	-	-	0
SANTAMON HAZ	Y	.25	0	0	0	-	-	0
SANTAMON HW	Y	.25	0	0	0	-	-	0
SANTA MONICA UST	Y	.25	0	0	0	-	-	0
TORRANCE UST	Y	.25	0	0	0	-	-	0
VERNON CUPA	Y	.25	0	0	0	-	-	0
VERNON UST	Y	.25	0	0	0	-	-	0
LA HMS	Y	.25	1	14	19	-	-	34
LA LONGB UST	Y	.25	0	0	0	-	-	0
LA SWF	Y	.5	0	0	0	1	-	1
Additional Environmental Records								
Federal								
FINDS/FRS	Y	.125	1	26	-	-	-	27
TRIS	Y	.125	0	0	-	-	-	0
HMIRS	Y	.125	0	0	-	-	-	0
NCDL	Y	.125	0	0	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
ODI	Y	.5	0	0	0	0	-	0
IODI	Y	.5	0	0	0	0	-	0
TSCA	Y	.125	0	0	-	-	-	0
HIST TSCA	Y	.125	0	0	-	-	-	0
FTTS ADMIN	Y	.125	0	0	-	-	-	0
FTTS INSP	Y	.125	0	0	-	-	-	0
PRP	Y	.125	0	0	-	-	-	0
SCRD DRYCLEANER	Y	.5	0	0	0	0	-	0
ICIS	Y	.125	0	2	-	-	-	2
FED DRYCLEANERS	Y	.25	0	0	0	-	-	0
DELISTED FED DRY	Y	.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
MLTS	Y	.125	0	0	-	-	-	0
HIST MLTS	Y	.125	0	0	-	-	-	0
MINES	Y	.25	0	0	0	-	-	0
ALT FUELS	Y	.25	0	2	1	-	-	3
State								
INSP COMP ENF	Y	1	0	0	0	1	1	2
CDL	Y	.125	0	0	-	-	-	0
SCH	Y	1	0	0	0	0	1	1
CHMIRS	Y	.125	0	4	-	-	-	4
SWAT	Y	.5	0	0	0	0	-	0
HAZNET	Y	.125	6	59	-	-	-	65
SWRCB SWF	Y	.5	0	0	0	0	-	0
HWSS CLEANUP	Y	.5	0	0	0	0	-	0
DTSC HWF	Y	.5	0	0	0	0	-	0
HIST MANIFEST	Y	.125	0	12	-	-	-	12
HIST CHMIRS	Y	.125	0	2	-	-	-	2
HIST CORTESE	Y	.5	0	0	0	0	-	0
CDO/CAO	Y	.5	0	0	0	0	-	0
DRYCLEANERS	Y	.25	0	1	0	-	-	1
DELISTED DRYC	Y	.25	0	0	0	-	-	0
Tribal	***No Tribal additional environmental record sources available for this State.***							
County								
LA SML	Y	.5	0	0	1	0	-	1
Total:			*8*	*148*	*71*	*45*	*14*	*286*

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	FINDS/FRS	HACIENDA HOTEL	525 N SEPULVEDA BLVD EL SEGUNDO CA 90245	-	0.00 / 0.00	18	62
1	LA HMS		525 N SEPULVEDA BLVD EL SEGUNDO CA 90245	-	0.00 / 0.00	18	62
1	HAZNET	RUBICON B HACIENDA LLC	525 N SEPULVEDA BLVD. EL SEGUNDO CA 90245	-	0.00 / 0.00	18	63
1	HAZNET	RUBICON B HACIENDA LLC	525 N SEPULVEDA BLVD. EL SEGUNDO CA 90245	-	0.00 / 0.00	18	63
1	HAZNET	RUBICON B HACIENDA LLC	525 N SEPULVEDA BLVD. EL SEGUNDO CA 90245	-	0.00 / 0.00	18	64
1	HAZNET	HACIENDA HOTEL	525 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	-	0.00 / 0.00	18	64
1	HAZNET	RUBICON B HACIENDA LLC	525 N SEPULVEDA BLVD EL SEGUNDO CA 90245	-	0.00 / 0.00	18	66
1	HAZNET	RUBICON B HACIENDA LLC	525 N SEPULVEDA BLVD. EL SEGUNDO CA 90245	-	0.00 / 0.00	18	66

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
2	ELSEGUNDO UST	Overton Moore & Associates	541 N. Sepulveda Bl. El Segundo CA 90245	NNE	0.00 / 8.03	19	67
3	HAZNET	EL SEGUNDO PALMS	403 INDIANA ST EL SEGUNDO CA 90245	SSW	0.01 / 39.00	0	67
3	HAZNET	EL SEGUNDO PALMS INC	403 INDIANA ST EL SEGUNDO CA 90245	SSW	0.01 / 39.00	0	67
3	HAZNET	EL SEGUNDO PALMS	403 INDIANA ST EL SEGUNDO CA 902454403	SSW	0.01 / 39.00	0	68
4	FINDS/FRS	AIRPORT 5 STAR	603 N SEPULVEDA BLVD EL SEGUNDO CA 90245	NNE	0.01 / 63.32	17	68
4	FINDS/FRS	UNOCAL #5866	603 SEPULVEDA BLVD N EL SEGUNDO CA 90245	NNE	0.01 / 63.32	17	69
4	HHSS	UNION OIL SERVICE STATION LEAS	603 N. SEPULVEDA BLVD. EL SEGUNDO CA 90245	NNE	0.01 / 63.32	17	70
4	HHSS	SERVICE STATION 5866	603 NO SEPULVEDA BLVD EL SEGUNDO CA 90245	NNE	0.01 / 63.32	17	70
4	HIST MANIFEST		603 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	NNE	0.01 / 63.32	17	70
4	LA HMS		603 N SEPULVEDA BLVD EL SEGUNDO CA 902453423	NNE	0.01 / 63.32	17	71
4	HAZNET	AIRPORT 5 STAR INC	603 N SEPULVEDA EL SEGUNDO CA 90245	NNE	0.01 / 63.32	17	71
4	HAZNET	AIRPORT UNION	603 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	NNE	0.01 / 63.32	17	72

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
4	HAZNET	JAY TAAT & BANOO TAAT DBA AIRPORT 76 INC	603 N SEPULVEDA BLVD EL SEGUNDO CA 902453423	NNE	0.01 / 63.32	17	73
4	HAZNET	UNOCAL SERVICE STATION #5866	603 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	NNE	0.01 / 63.32	17	73
4	HAZNET	TOSCO CORPORATION STATION #31004	603 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	NNE	0.01 / 63.32	17	75
4	HAZNET	LAX AUTO SERVICE	603 N SEPULVEDA BLVD EL SEGUNDO CA 902453423	NNE	0.01 / 63.32	17	78
4	HAZNET	1X AIRPORT UNOCAL	603 NORTH SEPULVEDA_BLVD EL SEGUNDO CA 902450000	NNE	0.01 / 63.32	17	78
4	HAZNET	CONOCO PHILLIPS #255866	603 N SEPULVEDA BLVD EL SEGUNDO CA 90245	NNE	0.01 / 63.32	17	79
4	ELSEGUNDO UST	Airport Five Star	603 N. Sepulveda Blvd. El Segundo CA 90245	NNE	0.01 / 63.32	17	79
4	ELSEGUNDO UST	Tosco/Unocal # 5866	603 N. Sepulveda Blvd. El Segundo CA 90245	NNE	0.01 / 63.32	17	79
4	ELSEGUNDO UST	Airport Five Star	603 N. Sepulveda Blvd. CA ***Permit:*** 30-0140	NNE	0.01 / 63.32	17	80
5	LUST	UNOCAL #5866	603 SEPULVEDA BLVD N EL SEGUNDO CA 90245 ***Global ID | Status | Status Date:*** T0603703539 | Completed - Case Closed | 1996-07-12 00:00:00	NNE	0.01 / 75.68	18	80
6	FINDS/FRS	RUBIO'S	400 N SEPULVEDA BLVD STE C EL SEGUNDO CA 90245	SSE	0.02 / 81.91	11	81
7	FINDS/FRS	RALPHS GROCERY #645	500 N. SEPULVEDA BLVD. EL SEGUNDO CA 90245	ENE	0.02 / 84.34	13	81
7	HAZNET	RALPHS GROCERY #645	500 N SEPULVEDA BLVD EL SEGUNDO CA 902454447	ENE	0.02 / 84.34	13	82

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
8	HHSS	THE HERTZ CORPORATION	540 N. SEPULVEDA BLVD EL SEGUNDO CA 90245	NNE	0.02 / 87.09	24	87
8	LA HMS		540 N SEPULVEDA BLVD EL SEGUNDO CA 90245	NNE	0.02 / 87.09	24	87
9	HHSS	LAX BUSINESS CENTER	300, 360 & 390 N. SEPULVEDA BL GRAND AVENUE EL SEGUNDO CA 90245	SSE	0.02 / 98.51	15	87
9	HAZNET	US HEALTHWORKS - LAX	390 N SEPULVEDA BLVD STE 1000 EL SEGUNDO CA 90245	SSE	0.02 / 98.51	15	87
9	HAZNET	NANOWAVE INC	390 N. SEPULVEDA BLVD STE 2070 EL SEGUNDO CA 90245	SSE	0.02 / 98.51	15	88
10	CHMIRS	El Sequndo DFD	360 N Sepulveda El Segundo CA 90245	SSE	0.02 / 114.83	16	88
10	FINDS/FRS	HUGHES AIRCRAFT CO EDSG	360 N. SEPULVEDA BLVD EL SEGUNDO CA 90245	SSE	0.02 / 114.83	16	89
10	HIST MANIFEST		360 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	SSE	0.02 / 114.83	16	90
10	LA HMS		360 N SEPULVEDA BLVD EL SEGUNDO CA 90245	SSE	0.02 / 114.83	16	92
10	HAZNET	DWF IV 300 N SEPULVEDA, LLC	360 N SEPULVEDA BLVD STE 1010 EL SEGUNDO CA 902454413	SSE	0.02 / 114.83	16	92
10	HAZNET	HUGHES AIRCRAFT CO-EDSG	360 N. SEPULVEDA BLVD EL SEGUNDO CA 902450000	SSE	0.02 / 114.83	16	93
10	HAZNET	HUGHES AIRCRAFT CO	360 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	SSE	0.02 / 114.83	16	93
10	HAZNET	BODY WIZARD MEDICINE	360 N SEPULVEDA BLVD STE 1030 EL SEGUNDO CA 902454460	SSE	0.02 / 114.83	16	94

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
10	HAZNET	ROYAL PAPER INC	360 N SEPULVEDA BLVD EL SEGUNDO CA 902454460	SSE	0.02 / 114.83	16	94
10	RCRA SQG	HUGHES AIRCRAFT CO EDSG	360 N. SEPULVEDA BLVD EL SEGUNDO CA 90245	SSE	0.02 / 114.83	16	95
10	ELSEGUNDO UST	LAX Business Center	360 N. Sepulveda Blvd. El Segundo CA 90245	SSE	0.02 / 114.83	16	96
11	FINDS/FRS	7-ELEVEN 39399	601 SEPULVEDA BLVD EL SEGUNDO CA 90245	N	0.02 / 115.14	19	96
12	ALT FUELS	EVSP WALGREENS	331 N Sepulveda Blvd El Segundo CA 90245	SSE	0.03 / 179.34	9	97
12	FINDS/FRS	WALGREENS #9882	331 N SEPULVEDA BLVD EL SEGUNDO CA 90245	SSE	0.03 / 179.34	9	97
12	HAZNET	WALGREENS #9882	331 N SEPULVEDA BLVD EL SEGUNDO CA 90245	SSE	0.03 / 179.34	9	98
13	CHMIRS	el segundo fire dept	1720 e. holly st elsegundo CA	SSW	0.04 / 196.79	1	107
13	FINDS/FRS	SPECTRUM METAL FINISHERS INC	1720 EAST HOLLY AVENUE EL SEGUNDO CA 90245- 4404	SSW	0.04 / 196.79	1	108
13	HIST MANIFEST		1720 E HOLLY AVE EL SEGUNDO CA 902450000	SSW	0.04 / 196.79	1	109
13	LA HMS		1720 E HOLLY AVE EL SEGUNDO CA 90245	SSW	0.04 / 196.79	1	115
13	HAZNET	SPECTRUM METAL FINISHERS INC	1720 E HOLLY AVE EL SEGUNDO CA 902450000	SSW	0.04 / 196.79	1	116
13	RCRA SQG	SPECTRUM METAL FINISHERS INC	1720 E HOLLY AVE EL SEGUNDO CA 90245	SSW	0.04 / 196.79	1	118

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
14	FINDS/FRS	TRW INC	300 N SEPULVEDA BLVD EL SEGUNDO CA 90245	SSE	0.04 / 208.68	13	119
14	HAZNET	TRW INC	300 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	SSE	0.04 / 208.68	13	120
14	HAZNET	T R W DEFENSE & ELECTRONICS SECTOR	300 NO SEPULVEDA BLVD EL SEGUNDO CA 902780000	SSE	0.04 / 208.68	13	120
14	RCRA NON GEN	TRW INC	300 N SEPULVEDA BLVD EL SEGUNDO CA 90245	SSE	0.04 / 208.68	13	121
15	FINDS/FRS	NATION'S PRINTING CORP	1730 E HOLLY AVE EL SEGUNDO CA 90245- 4497	SSW	0.04 / 214.25	1	122
15	HIST MANIFEST		1730 E HOLLY AVE EL SEGUNDO CA 902740000	SSW	0.04 / 214.25	1	122
15	LA HMS		1730 E HOLLY AVE EL SEGUNDO CA 90245	SSW	0.04 / 214.25	1	124
15	HAZNET	PEGASUS PRESS	1730 E HOLLY AVE EL SEGUNDO CA 90245	SSW	0.04 / 214.25	1	124
15	HAZNET	NATIONS PRINTING CORP	1730 E HOLLY AVE EL SEGUNDO CA 902740000	SSW	0.04 / 214.25	1	127
16	HIST CHMIRS		601 ILLINOIS EL SEGUNDO CA	NNW	0.04 / 236.70	13	131
17	HIST MANIFEST		600 NORTH SEPULVEDA EL SEGUNDO CA 902450000	NNE	0.05 / 244.23	20	131
17	LA HMS		600 N SEPULVEDA BLVD EL SEGUNDO CA 90245	NNE	0.05 / 244.23	20	132
17	HAZNET	1X NAGEL, DAVID	600 NORTH SEPULVEDA EL SEGUNDO CA 902450000	NNE	0.05 / 244.23	20	132

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
17	ELSEGUNDO UST	Segundo Associates	600 N. Sepulveda Blvd. El Segundo CA 90245	NNE	0.05 / 244.23	20	133
18	HAZNET	THE PARTS DEPARTMENT	1700 E HOLLY AVE EL SEGUNDO CA 902450000	SW	0.05 / 253.08	4	133
19	HAZNET	WAYNE DUNCAN	608 ILLINOIS CT UNITS 3 & 4 EL SEGUNDO CA 902453452	NNW	0.05 / 274.56	17	133
20	HAZNET	GREIDER CO	333 INDIANA ST EL SEGUNDO CA 902450000	SSW	0.06 / 322.59	-7	134
20	HAZNET	GREIDER CO	333 INDIANA ST # 339 EL SEGUNDO CA 902454419	SSW	0.06 / 322.59	-7	134
21	DRYCLEANERS	TRI CLEANERS INC	630 N SEPULVEDA EL SEGUNDO CA 902450000	NNE	0.06 / 331.15	16	135
21	FINDS/FRS	TRI CLEANERS	630 N SEPULVEDA EL SEGUNDO CA 90245-3435	NNE	0.06 / 331.15	16	135
21	FINDS/FRS	LAX PHOTO LAB	630 N SEPULVEDA UNIT 6 B EL SEGUNDO CA 90245-3435	NNE	0.06 / 331.15	16	136
21	FINDS/FRS	TRI-CLEANERS AND LAUNDRY	630 N SEPULVEDA BLVD STE 11B EL SEGUNDO CA 90245	NNE	0.06 / 331.15	16	136
21	HAZNET	LAX PHOTO LAB	630 N SEPULVEDA UNIT 6 B EL SEGUNDO CA 902450000	NNE	0.06 / 331.15	16	137
21	HAZNET	TRI CLEANERS INC	630 N SEPULVEDA EL SEGUNDO CA 902450000	NNE	0.06 / 331.15	16	137
21	RCRA SQG	LAX PHOTO LAB	630 N SEPULVEDA UNIT 6 B EL SEGUNDO CA 90245	NNE	0.06 / 331.15	16	143
21	RCRA SQG	TRI CLEANERS	630 N SEPULVEDA EL SEGUNDO CA 90245	NNE	0.06 / 331.15	16	144

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
22	FINDS/FRS	GREIDER CO	339 INDIANA ST EL SEGUNDO CA 90245	S	0.06 / 336.17	-7	145
22	LA HMS		339 N INDIANA ST EL SEGUNDO CA 90245	S	0.06 / 336.17	-7	146
22	HAZNET	GREIDGER CO.	339 INDIANA ST EL SEGUNDO CA 90245	S	0.06 / 336.17	-7	146
22	HAZNET	GREIDER COMPANY	339 INDIANA ST EL SEGUNDO CA 902450000	S	0.06 / 336.17	-7	147
23	FINDS/FRS	HABIT BURGER GRILL	311 N SEPULVEDA BLVD EL SEGUNDO CA 90245	S	0.06 / 341.26	2	148
24	HAZNET	GREIDER COMPANY	333-339 INDIANA ST EL SEGUNDO CA 902450000	S	0.07 / 363.81	-7	148
25	FINDS/FRS	JIM & JACK AUTO BODY	307 SEPULVEDA BLVD N EL SEGUNDO CA 90245	S	0.08 / 432.06	0	149
25	FINDS/FRS	CHIPOTLE MEXICAN GRILL #887	307 N SEPULVEDA BLVD STE B EL SEGUNDO CA 90245	S	0.08 / 432.06	0	149
25	HHSS	HAGOP KIZIRIAN	307 N. SEPULVEDA BLVD. EL SEGUNDO CA 90245	S	0.08 / 432.06	0	150
25	LA HMS		307 N SEPULVEDA BLVD EL SEGUNDO CA 90245	S	0.08 / 432.06	0	150
25	HAZNET	KEVORK TEXACO	307 N SEPULVEDA EL SEGUNDO CA 902450000	S	0.08 / 432.06	0	151
25	HAZNET	KEVORK'S AUTO REPAIR	307 N SEPULVEDA EL SEGUNDO CA 902440000	S	0.08 / 432.06	0	151
25	ELSEGUNDO UST	Kevork's Texaco	307 N. Sepulveda Blvd. El Segundo CA 90245	S	0.08 / 432.06	0	152

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
26	FINDS/FRS	THE BOEING COMPANY	650-700 N SEPULVEDA BLVD EL SEGUNDO CA 90245	NNE	0.08 / 446.07	15	152
26	HAZNET	THE BOEING CO	650-700 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	NNE	0.08 / 446.07	15	152
26	RCRA LQG	THE BOEING COMPANY	650-700 N SEPULVEDA BLVD EL SEGUNDO CA 90245	NNE	0.08 / 446.07	15	162
27	LA HMS		305 N INDIANA ST EL SEGUNDO CA 90245	S	0.09 / 453.61	-5	164
28	ALT FUELS	Carl's Jr. - 639 N. Sepulveda Blvd., El Segundo	639 N. Sepulveda Blvd. El Segundo CA 90245	N	0.09 / 466.12	19	164
28	FINDS/FRS	CARL'S JR. #272	639 N. SEPULVEDA BLVD. EL SEGUNDO CA 90245	N	0.09 / 466.12	19	165
28	LA HMS		639 N SEPULVEDA BLVD EL SEGUNDO CA 902453423	N	0.09 / 466.12	19	165
29	LA HMS		690 N SEPULVEDA BLVD EL SEGUNDO CA 90245	NNE	0.10 / 520.04	15	166
30	FINDS/FRS	EL SEGUNDO	650 SEPULVEDA BOULEVARD EL SEGUNDO CA 90245	NNE	0.10 / 528.89	15	166
30	HIST MANIFEST		650 N SEPULVEDA AVE EL SEGUNDO CA 902450000	NNE	0.10 / 528.89	15	167
30	ICIS	EL SEGUNDO	650 SEPULVEDA BOULEVARD EL SEGUNDO CA 90245	NNE	0.10 / 528.89	15	168
30	HAZNET	SOUTHERN CALIFORNIA EDISON - CUSTOMER LOCATION	650 N SEPULVEDA BLVD EL SEGUNDO CA 902453422	NNE	0.10 / 528.89	15	168

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
30	HAZNET	AERO SPACE CTR	650 N SEPULVEDA AVE EL SEGUNDO CA 902450000	NNE	0.10 / 528.89	15	169
31	CHMIRS	Southern California Edison	202 Illinois St. El Segundo CA	SSW	0.10 / 531.04	4	169
31	ERNS		202 ILLINOIS ST EL SEGUNDO CA	SSW	0.10 / 531.04	4	171
31	LA HMS		202 ILLINOIS ST EL SEGUNDO CA 90245	SSW	0.10 / 531.04	4	172
32	CHMIRS	So. CA Edison	East Grand Ave. @ N. Sepulveda El Segundo CA	S	0.10 / 543.42	-3	172
33	FINDS/FRS	SOUTHERN CALIFORNIA EDISON SEPULVEDA SUBSTATION	1820 E GRAND AVE EL SEGUNDO CA 90245	S	0.10 / 549.67	-5	173
33	HAZNET	SOUTHERN CALIFORNIA EDISON SEPULVEDA SUB STATION	1820 E GRAND AVE EL SEGUNDO CA 90245	S	0.10 / 549.67	-5	174
33	HAZNET	SOUTHERN CALIF EDISON	1820 E GRAND AVE EL SEGUNDO CA 902450000	S	0.10 / 549.67	-5	174
33	HAZNET	SOUTHERN CALIF EDISON/SEPULVEDA SUBSTAT	1820 E GRAND AVE EL SEGUNDO CA 902450000	S	0.10 / 549.67	-5	175
34	FINDS/FRS	WEST COAST BARRIER PROJECT (9)	EL SEGUNDO BLVD EL SEGUNDO CA 00000	S	0.11 / 562.36	-4	176
34	ICIS	WEST COAST BARRIER PROJECT (9)	EL SEGUNDO BLVD EL SEGUNDO CA 00000	S	0.11 / 562.36	-4	177
35	HAZNET	ELIN POINT ASSOC	1600 HOLLY AVE EL SEGUNDO CA 90245	SW	0.11 / 571.48	10	177
36	LUST	JIM & JACK AUTO BODY	307 SEPULVEDA BLVD N EL SEGUNDO CA 90245	S	0.11 / 571.80	-3	177

Global ID* | *Status* | *Status Date: T0603704033 | Completed - Case Closed | 1992-10-08 00:00:00

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
37	HAZNET	VEN JOSHI	605 WASHINGTON ST. EL SEGUNDO CA 90245	NW	0.11 / 576.15	16	178
38	FINDS/FRS	EL SEGUNDO CITY	150 ILLINOIS ST EL SEGUNDO CA 90245- 4352	SSW	0.11 / 604.51	6	179
38	FINDS/FRS	CITY OF EL SEGUNDO - MAINTENANCE FACILITY	150 ILLINOIS ST EL SEGUNDO CA 90245	SSW	0.11 / 604.51	6	180
38	HIST CHMIRS		150 ILLINOIS EL SEGUNDO CA	SSW	0.11 / 604.51	6	180
38	HHSS	EL SEGUNDO MAINTENANCE FACILIT	150 ILLINOIS STREET EL SEGUNDO CA 90245	SSW	0.11 / 604.51	6	181
38	HIST MANIFEST		150 ILLINOIS STREET EL SEGUNDO CA 902450000	SSW	0.11 / 604.51	6	181
38	HIST MANIFEST		150 ILLINOIS ST EL SEGUNDO CA 902450000	SSW	0.11 / 604.51	6	181
38	HIST MANIFEST		150 ILLINOIS ST EL SEGUNDO CA 902450000	SSW	0.11 / 604.51	6	183
38	LA HMS		150 ILLINOIS ST EL SEGUNDO CA 90245	SSW	0.11 / 604.51	6	188
38	HAZNET	EL SEGUNDO CITY OF	150 ILLINOIS ST EL SEGUNDO CA 902450000	SSW	0.11 / 604.51	6	188
38	HAZNET	CITY OF EL SEGUNDO(CITY MAINT DEPT)	150 ILLINOIS ST EL SEGUNDO CA 902450000	SSW	0.11 / 604.51	6	205
38	HAZNET	1X DIRT MASTERS	150 ILLINOIS STREET EL SEGUNDO CA 902450000	SSW	0.11 / 604.51	6	206
38	ELSEGUNDO UST	City of El Segundo	150 Illinois Street CA ***Permit:*** 30-0071	SSW	0.11 / 604.51	6	206

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
38	ELSEGUNDO UST	El Segundo, City of	150 Illinois Street El Segundo CA 90245	SSW	0.11 / 604.51	6	206
39	ENVIROSTOR	DEVLIN PHARMACEUTICALS, INC	700 NORTH SEPULVEDA BLVD EL SEGUNDO CA 90245	N	0.12 / 621.59	18	206
40	FINDS/FRS	AIRITE CO	1700 EAST GRAND AVENUE EL SEGUNDO CA 90245-4332	SSW	0.12 / 649.37	7	207
40	FINDS/FRS	SPIN FORGE A DIV OF DMC	1700 E GRAND AVE EL SEGUNDO CA 902454378	SSW	0.12 / 649.37	7	208
40	HIST MANIFEST		1700 E GRAND AVE EL SEGUNDO CA 902450000	SSW	0.12 / 649.37	7	208
40	HIST MANIFEST		1700 E GRAND AVE EL SEGUNDO CA 902450000	SSW	0.12 / 649.37	7	223
40	HIST MANIFEST		1700 EAST GRAND AVENUE EL SEGUNDO CA 902450000	SSW	0.12 / 649.37	7	228
40	LA HMS		1700 E GRAND AVE EL SEGUNDO CA 902454332	SSW	0.12 / 649.37	7	229
40	HAZNET	AIRITE A DOVER SARGENT CO	1700 E GRAND AVE EL SEGUNDO CA 902450000	SSW	0.12 / 649.37	7	230
40	HAZNET	SOUTHERN CALIFORNIA EDISON CORP	1700 E GRAND AVE EL SEGUNDO CA 902454332	SSW	0.12 / 649.37	7	232
40	HAZNET	CHAM MART ENGINEERING	1700 E GRAND AVE EL SEGUNDO CA 90245	SSW	0.12 / 649.37	7	232
40	HAZNET	SPIN FORGE	1700 E GRAND AVE EL SEGUNDO CA 902454332	SSW	0.12 / 649.37	7	233
40	HAZNET	MAR CANYON GRAND LLC	1700 E GRAND AVE EL SEGUNDO CA 90245	SSW	0.12 / 649.37	7	235

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
40	HAZNET	SARGENT INDUSTRIES/AIRITE DIV.	1700 E GRAND AVE EL SEGUNDO CA 902450000	SSW	0.12 / 649.37	7	237
40	HAZNET	AEROJET GENERAL CORP EL SEGUNDO OPERATIONS	1700 E GRAND AVE EL SEGUNDO CA 90245	SSW	0.12 / 649.37	7	237
40	HAZNET	SPIN FORGE INTERNATIONAL INC	1700 EAST GRAND AVENUE EL SEGUNDO CA 902450000	SSW	0.12 / 649.37	7	243
40	HAZNET	SPIN FORGE A DIV OF DMC	1700 E GRAND AVE EL SEGUNDO CA 902454378	SSW	0.12 / 649.37	7	247
40	RCRA SQG	SPIN FORGE A DIV OF DMC	1700 E GRAND AVE EL SEGUNDO CA 902454378	SSW	0.12 / 649.37	7	253
41	HAZNET	RAYTHEON	1917-21 E MARIPOSA AVE EL SEGUNDO CA 902450000	ENE	0.12 / 656.65	5	254
41	HAZNET	HUGHES AIRCRAFT COMPANY	1917-21 EAST MARIPOSA AVENUE EL SEGUNDO CA 902450000	ENE	0.12 / 656.65	5	260
42	RCRA SQG	JIM AND JACKS AUTO BODY SHOP	348 WASHINGTON STREET EL SEGUNDO CA 90245	SW	0.13 / 679.87	12	268
43	UST	AIRPORT UNION 76, TOSCO SS #5866	603 N. SEPULVEDA BL. El Segundo CA 90245 ***Facility ID:*** 300140	NNE	0.13 / 686.33	10	269
44	RCRA SQG	SPARKLING AIRLINE LINEN SERVICE	332 WASHINGTON ST EL SEGUNDO CA 90245	SW	0.13 / 691.84	15	270
45	LA HMS		1605 E GRAND AVE EL SEGUNDO CA 90245	SSW	0.13 / 694.61	9	271
45	RCRA SQG	JIM & JACK AUTOMOTIVE # 1	1605 E GRAND AVE EL SEGUNDO CA 90245	SSW	0.13 / 694.61	9	271
46	LA HMS		340 N WASHINGTON ST EL SEGUNDO CA 902454449	SW	0.13 / 698.58	15	272

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
47	DELISTED COUNTY	Raytheon Company	1921 E. Mariposa Ave. Bldg. R-24, El Segundo CA	ENE	0.13 / 701.19	5	273
47	LA HMS		1921 E MARIPOSA AVE EL SEGUNDO CA 90245	ENE	0.13 / 701.19	5	273
47	ELSEGUNDO UST	Raytheon Systems Company	1921 E. Mariposa Ave. El Segundo CA 90245	ENE	0.13 / 701.19	5	273
48	LA HMS		332 N WASHINGTON ST EL SEGUNDO CA 902454449	SW	0.13 / 701.46	15	273
49	CERCLIS	DEVLIN PHARMACEUTICALS INC	700 N SEPULVEDA BLVD EL SEGUNDO CA 90245	N	0.14 / 759.28	15	274
49	CERCLIS NFRAP	DEVLIN PHARMACEUTICALS INC	700 N SEPULVEDA BLVD EL SEGUNDO CA 90245	N	0.14 / 759.28	15	274
49	DELISTED COUNTY	DEVLIN PHARMACEUTICALS, INC	700 N SEPULVEDA BLVD EL SEGUNDO CA 90245	N	0.14 / 759.28	15	275
49	SEMS ARCHIVE	DEVLIN PHARMACEUTICALS INC	700 N SEPULVEDA BLVD EL SEGUNDO CA 90245	N	0.14 / 759.28	15	275
50	LA HMS		1601 E GRAND AVE EL SEGUNDO CA 90245	SW	0.15 / 794.42	11	275
50	RCRA SQG	JIM AND JACKS	1601 E GRAND AVE EL SEGUNDO CA 90245	SW	0.15 / 794.42	11	276
50	ELSEGUNDO UST	Detroit Automative Products/Wyrefab	1601 E. Grand Avenue El Segundo CA 90245	SW	0.15 / 794.42	11	277
51	UST	PACIFIC CORPORATE TOWERS	222 N. SEPULVEDA BL. El Segundo CA 90245 ***Facility ID:*** 300212	SE	0.15 / 808.28	5	277
52	DELISTED COUNTY	Pacific Corporate Towers, LLC	222 N. Sepulveda Bl. , El Segundo CA	SSE	0.16 / 821.68	-5	277

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
52	LA HMS		222 N SEPULVEDA BLVD EL SEGUNDO CA 90245	SSE	0.16 / 821.68	-5	277
52	ELSEGUNDO UST	Pacific Corporate Towers	222 N. Sepulveda Bl El Segundo CA 90245	SSE	0.16 / 821.68	-5	278
52	ELSEGUNDO UST	Pacific Corporate Towers	222 N. Sepulveda Blvd. El Segudno CA 90245	SSE	0.16 / 821.68	-5	278
53	LA HMS		140 N WASHINGTON ST EL SEGUNDO CA 90245	SW	0.16 / 821.78	12	278
54	UST	ELECTROPLY, INC.	140 WASHINGTON STREET El Segundo CA 90245 ***Facility ID:*** 300089	SSW	0.16 / 840.10	6	279
55	ALT FUELS	PCT (formerly Pacific Corporate Towers)	200 N. Sepulveda Blvd, Suite 650 El Segundo CA 90245	S	0.18 / 963.36	-2	279
55	AST	ING	200 N SEPULVEDA BLVD. EL SEGUNDO CA 90245	S	0.18 / 963.36	-2	279
55	RCRA SQG	HUGHES AIRCRAFT CO SCG	200 N SEPULVEDA BLVD EL SEGUNDO CA 90245	S	0.18 / 963.36	-2	279
56	LUST	GLOBAL SOLUTIONS	1955 GRAND AVE EL SEGUNDO CA 90245 ***Global ID | Status | Status Date:*** T0603701269 | Completed - Case Closed | 1998-02-02 00:00:00	ESE	0.19 / 976.84	5	280
57	LA HMS		1521 E GRAND AVE EL SEGUNDO CA 902454339	SW	0.19 / 988.97	9	281
58	RCRA LQG	INTERNATIONAL RECTIFIER EL SEGUNDO	1521 GRAND EL SEGUNDO CA 90245	SW	0.19 / 990.44	9	282
59	HHSS	INTERNATIONAL RECTIFIRE	330 KANSAS ST. EL SEGUNDO CA 90245	WSW	0.19 / 1,008.15	-10	285
59	LA HMS		330 KANSAS ST EL SEGUNDO CA 902454382	WSW	0.19 / 1,008.15	-10	285

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
59	ELSEGUNDO UST	International Rectifier	330 Kansas Street El Segundo CA 90245	WSW	0.19 / 1,008.15	-10	286
60	LA HMS		348 KANSAS ST EL SEGUNDO CA 90245	WSW	0.19 / 1,010.12	-9	286
61	LA HMS		763 N SEPULVEDA BLVD EL SEGUNDO CA 90245	N	0.20 / 1,040.68	18	286
61	ELSEGUNDO UST	Motta Brothers	763 N. Sepulveda Bl. El Segundo CA 90245	N	0.20 / 1,040.68	18	287
62	LA HMS		765 N SEPULVEDA BLVD EL SEGUNDO CA 902453425	N	0.20 / 1,052.21	18	287
62	ELSEGUNDO UST	Circle K Corporation	765 N. Sepulveda Blvd. CA ***Permit:*** 30-0121	N	0.20 / 1,052.21	18	288
62	ELSEGUNDO UST	Mobil Oil Company	765 N. Sepulveda Blvd. El Segundo CA 90245	N	0.20 / 1,052.21	18	288
63	LA HMS		1955 E GRAND AVE EL SEGUNDO CA 90245	SE	0.21 / 1,093.31	8	288
63	RCRA SQG	MATTEL INC	1955 E GRAND AVE EL SEGUNDO CA 902455012	SE	0.21 / 1,093.31	8	288
63	ELSEGUNDO UST	Mattel Toys	1955 E. Grand Ave. El Segundo CA 90245	SE	0.21 / 1,093.31	8	290
64	VCP	HUGHES AIRCRAFT/GILBERT	800 N. SEPULVEDA BLVD. EL SEGUNDO CA 90245	N	0.21 / 1,126.86	19	290
65	RCRA SQG	MAC TRAINING 01	266 KANSAS ST EL SEGUNDO CA 90245	SW	0.21 / 1,127.15	9	291
66	RCRA LQG	THE BOEING COMPANY	601-603 LAIRPORT ST EL SEGUNDO CA 90245	ENE	0.21 / 1,132.41	0	292
67	HHSS	SERVICE STATION 4613	770 N SEPULVEDA EL SEGUNDO CA 90245	N	0.22 / 1,138.32	18	294

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
67	HHSS	UNION OIL 4613	770 N. SEPULVEDA BLVD. EL SEGUNDO CA 90245	N	0.22 / 1,138.32	18	295
67	LA HMS		770 N SEPULVEDA BLVD EL SEGUNDO CA 90245	N	0.22 / 1,138.32	18	295
67	ELSEGUNDO UST	Bob's Union 76	770 N. Sepulveda Blvd, CA ***Permit:*** 30-0017	N	0.22 / 1,138.32	18	295
67	ELSEGUNDO UST	Tosco, Union 76 SS# 4613	770 N. Sepulveda Bl. El Segundo CA 90245	N	0.22 / 1,138.32	18	295
67	ELSEGUNDO UST	Tosco/Unocal # 4613	770 N. Sepulveda Blvd. El Segundo CA 90245	N	0.22 / 1,138.32	18	296
68	LA HMS		1661 E FRANKLIN AVE EL SEGUNDO CA 90245	SSW	0.22 / 1,145.44	8	296
69	LUST	UNOCAL #4613	770 SEPULVEDA BLVD N EL SEGUNDO CA 90245 ***Global ID | Status | Status Date:*** T0603792957 | Completed - Case Closed | 1997-02-06 00:00:00	N	0.22 / 1,149.35	16	296
70	LUST	HUGHES AIRCRAFT- EDSG	1920 MAPLE ST E EL SEGUNDO CA 90245 ***Global ID | Status | Status Date:*** T0603704975 | Completed - Case Closed | 1996-09-18 00:00:00	NNE	0.22 / 1,152.14	4	297
71	RCRA SQG	TEAM ONE ADVERTISING	1960 EAST GRAND AVE SUITE E EL SEGUNDO CA 90245	SE	0.23 / 1,188.45	9	298
72	LA HMS		607 LAIRPORT ST EL SEGUNDO CA 90245	NE	0.24 / 1,255.57	1	299
72	ELSEGUNDO UST	Popklin Realty	607 Lairport Street El Segundo CA 90245	NE	0.24 / 1,255.57	1	299
73	RCRA SQG	TELEDYNE CONTROLS LLC	501 CONTINENTAL BLVD EL SEGUNDO CA 90245 5036	E	0.24 / 1,257.40	6	299
74	HHSS	ELECTROPLY INC	140 WASHINGTON ST. EL SEGUNDO CA 90245	SSW	0.24 / 1,268.53	7	304

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
74	RCRA SQG	ELECTROPLY, INC	140 WASHINGTON ST EL SEGUNDO CA 90245	SSW	0.24 / 1,268.53	7	304
74	RCRA TSD	ELECTROPLY, INC	140 WASHINGTON ST EL SEGUNDO CA 90245	SSW	0.24 / 1,268.53	7	306
74	ELSEGUNDO UST	Electroply	140 Washington Street CA	SSW	0.24 / 1,268.53	7	307
75	LA HMS		100 N SEPULVEDA BLVD EL SEGUNDO CA 90245	S	0.24 / 1,284.06	3	308
75	ELSEGUNDO UST	Pacific Corporate Towers	100 N. Sepulveda Bl. El Segundo CA 90245	S	0.24 / 1,284.06	3	308
75	ELSEGUNDO UST	Pacific Corporate Towers	100 N. Sepulveda Blvd. El Segundo CA 90245	S	0.24 / 1,284.06	3	308
76	RCRA SQG	HYEPER SILK SCREENING	1415 E GRAND AVE EL SEGUNDO CA 90245	SW	0.24 / 1,287.94	19	308
77	UST	PACIFIC CORPORATE TOWERS	100 N. SEPULVEDA BL. El Segundo CA 90245 ***Facility ID:*** 300211	SSE	0.25 / 1,302.07	16	309
78	LA HMS		222 KANSAS ST EL SEGUNDO CA 902454315	SW	0.25 / 1,305.64	7	309
78	LA SML	USDA APHIS LABORATORY BUILDING	222 KANSAS ST EL SEGUNDO CA 90245-	SW	0.25 / 1,305.64	7	310
79	LA HMS		700 LAIRPORT ST EL SEGUNDO CA 90245	NE	0.25 / 1,311.01	1	310
79	ELSEGUNDO UST	Blackmore & Associates/ WIN Investments, LP	700 Lairport Street El Segundo CA 90245	NE	0.25 / 1,311.01	1	310
80	CERCLIS	INTERNATIONAL RECTIFIER	233 KANSAS ST. EL SEGUNDO CA 90245	SW	0.25 / 1,322.47	9	310

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
80	CERCLIS NFRAP	INTERNATIONAL RECTIFIER	233 KANSAS ST. EL SEGUNDO CA 90245	SW	0.25 / 1,322.47	9	311
80	SEMS ARCHIVE	INTERNATIONAL RECTIFIER	233 KANSAS ST. EL SEGUNDO CA 90245	SW	0.25 / 1,322.47	9	312
81	ENVIROSTOR	INTERNATIONAL RECTIFIER	233 KANSAS STREET EL SEGUNDO CA 90245	SW	0.26 / 1,378.45	16	312
82	CLEANUP SITES	INTERNATIONAL RECTIFIER CORP.	233 KANSAS ST EL SEGUNDO CA	SSW	0.26 / 1,394.86	4	313
83	LUST	CITY OF EL SEGUNDO	150 ILLINOIS ST EL SEGUNDO CA 90245	SSW	0.27 / 1,417.91	-8	313
			Global ID* | *Status* | *Status Date: T0603705310 | Completed - Case Closed | 2006-07-26 00:00:00				
84	LUST	HUGHES AIRCRAFT CO CSG	1990 GRAND AVE E EL SEGUNDO CA 90245	SE	0.30 / 1,577.62	10	314
			Global ID* | *Status* | *Status Date: T0603705198 | Completed - Case Closed | 1996-08-19 00:00:00				
85	RCRA TSD	MATTELL INC.	2031 MARIPOSA AVENUE EL SEGUNDO CA 90245	ENE	0.32 / 1,670.04	0	315
86	ENVIROSTOR	NORTHROP CORP-AIRCRAFT DIV	2031 E MARIPOSA AVE EL SEGUNDO CA 90250	ENE	0.34 / 1,772.21	0	320
86	ENVIROSTOR	NORTHROP CORP-AIRCRAFT DIV	2031 E MARIPOSA AVE EL SEGUNDO CA 90250	ENE	0.34 / 1,772.21	0	320
86	HWP	NORTHROP CORP-AIRCRAFT DIV	2031 E MARIPOSA AVE EL SEGUNDO CA 902500000	ENE	0.34 / 1,772.21	0	321
86	RCRA CORRACTS	NORTHROP CORP AIRCRAFT DIV	2031 E MARIPOSA AVE EL SEGUNDO CA 90245	ENE	0.34 / 1,772.21	0	321
87	VCP	1330 EAST FRANKLIN AVENUE	1330 EAST FRANKLIN AVENUE EL SEGUNDO CA 90245	SW	0.34 / 1,773.68	24	323
88	ENVIROSTOR	NORTHROP CORP/AIRCRAFT DIV	2043 E MARIPOSA AVE EL SEGUNDO CA 902450000	ENE	0.34 / 1,816.04	0	325

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
88	HWP	NORTHROP CORP/AIRCRAFT DIV	2043 E MARIPOSA AVE EL SEGUNDO CA 902450000	ENE	0.34 / 1,816.04	0	326
89	ENVIROSTOR	RAYTHEON CO	2030 MAPLE AVENUE EL SEGUNDO CA 90245	NE	0.35 / 1,850.80	2	326
90	LUST	CHEVRON #9-7879	101 SEPULVEDA BLVD S EL SEGUNDO CA 90245	S	0.35 / 1,865.87	3	328
			Global ID* | *Status* | *Status Date: T0603703512 | Completed - Case Closed | 1996-08-26 00:00:00				
91	LUST	HUGHES AIRCRAFT CO/ SCG	1925 MAPLE ST E EL SEGUNDO CA 90245	NE	0.35 / 1,867.35	0	328
			Global ID* | *Status* | *Status Date: T0603705197 | Completed - Case Closed | 1996-01-03 00:00:00				
92	ENVIROSTOR	RAYTHEON SPACE AND AIRBORNE SYSTEMS	2000 E EL SEGUNDO BLVD EL SEGUNDO CA 90245	SSE	0.36 / 1,908.51	11	329
93	RCRA CORRACTS	RAYTHEON COMPANY	2000 E. EL SEGUNDO BLVD. EL SEGUNDO CA 90245	SSE	0.37 / 1,951.54	13	333
93	RCRA TSD	RAYTHEON COMPANY	2000 E. EL SEGUNDO BLVD. EL SEGUNDO CA 90245	SSE	0.37 / 1,951.54	13	357
94	ENVIROSTOR	RAYTHEON CO	2030 MAPLE AVE EL SEGUNDO CA 902450000	NE	0.38 / 1,998.97	1	379
94	HWP	RAYTHEON CO	2030 MAPLE AVE EL SEGUNDO CA 902450000	NE	0.38 / 1,998.97	1	381
94	RCRA TSD	RAYTHEON COMPANY	2030 MAPLE AVENUE EL SEGUNDO CA 90245	NE	0.38 / 1,998.97	1	383
95	ENVIROSTOR	NWRIP DOD #26	EL SEGUNDO CA	N	0.39 / 2,036.38	22	393
95	ENVIROSTOR	EL SEGUNDO STORAGE ANNEX	EL SEGUNDO CA	N	0.39 / 2,036.38	22	393
96	CERCLIS	NORTHROP CORP AIRCRAFT DIV	2043 E MARIPOSA AVE EL SEGUNDO CA 90245	ENE	0.40 / 2,090.49	0	394
96	CERCLIS NFRAP	NORTHROP CORP AIRCRAFT DIV	2043 E MARIPOSA AVE EL SEGUNDO CA 90245	ENE	0.40 / 2,090.49	0	394

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
96	RCRA CORRACTS	NORTHROP CORP AIRCRAFT DIV	2043 E MARIPOSA AVENUE EL SEGUNDO CA 90245	ENE	0.40 / 2,090.49	0	395
96	SEMS ARCHIVE	NORTHROP CORP AIRCRAFT DIV	2043 E MARIPOSA AVE EL SEGUNDO CA 90245	ENE	0.40 / 2,090.49	0	398
97	ENVIROSTOR	NORTHROP CORP/AIRCRAFT DIV	2043 E MARIPOSA AVE EL SEGUNDO CA 902450000	ENE	0.40 / 2,098.64	0	398
98	VCP	RADIANT SERVICES	200 NEVADA STREET EL SEGUNDO CA 90245	SW	0.40 / 2,132.16	2	399
99	CERCLIS	ALLIED SALES & SALVAGE	160 S SEPULVEDA BLVD EL SEGUNDO CA 90245	S	0.45 / 2,356.04	-1	400
99	CERCLIS NFRAP	ALLIED SALES & SALVAGE	160 S SEPULVEDA BLVD EL SEGUNDO CA 90245	S	0.45 / 2,356.04	-1	400
99	SEMS ARCHIVE	ALLIED SALES & SALVAGE	160 S SEPULVEDA BLVD EL SEGUNDO CA 90245	S	0.45 / 2,356.04	-1	401
100	ENVIROSTOR	ALLIED SALES & SALVAGE	160 SOUTH SEPULVEDA BOULEVARD EL SEGUNDO CA 90245	S	0.45 / 2,365.41	3	401
101	RCRA TSD	BUSS SYST INC	240 CENTER ST EL SEGUNDO CA 90245	WSW	0.46 / 2,409.57	1	402
102	LA SWF	A & A Waste & Rolloff Services, INC.	139 Nevada Street, El Segundo, CA 90245 El Segundo CA	SW	0.47 / 2,458.80	28	404
103	LUST	HUGHES AIRCRAFT	2000 IMPERIAL HWY E EL SEGUNDO CA 90245	NE	0.48 / 2,521.03	0	404
			Global ID* | *Status* | *Status Date: T0603703959 | Completed - Case Closed | 1999-05-12 00:00:00				
104	CLEANUP SITES	SCE - EL SEGUNDO GENERATING STATION	301 VISTA DELMAR EL SEGUNDO CA	WSW	0.48 / 2,558.57	-10	405
104	CLEANUP SITES	HYPERION TREATMENT PLANT	12000 VISTA DEL MAR EL SEGUNDO CA 90245	WSW	0.48 / 2,558.57	-10	406

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
105	ENVIROSTOR	THE BOEING COMPANY	1920 E IMPERIAL HWY EL SEGUNDO CA 902452701	NNE	0.49 / 2,571.02	1	407
105	HWP	THE BOEING COMPANY	1920 E IMPERIAL HWY EL SEGUNDO CA 902452701	NNE	0.49 / 2,571.02	1	412
105	INSP COMP ENF	THE BOEING COMPANY	1920 E IMPERIAL HWY EL SEGUNDO CA 90245	NNE	0.49 / 2,571.02	1	417
106	LUST	CITY OF EL SEGUNDO	FRANKLIN AVE EL SEGUNDO CA 90245	W	0.49 / 2,581.09	30	421
			Global ID* | *Status* | *Status Date: T0603701266 | Completed - Case Closed | 2006-07-26 00:00:00				
107	ENVIROSTOR	BOEING SATELLITE SYSTEMS INC	1920 E IMPERIAL HWY EL SEGUNDO CA 902452701	NNE	0.50 / 2,658.85	-1	421
108	RCRA CORRACTS	THE BOEING COMPANY	1920 EAST IMPERIAL HWY EL SEGUNDO CA 90245	NNE	0.52 / 2,763.86	-1	427
109	ENVIROSTOR	NORTH AMERICAN AIRCRAFT	INGLEWOOD CA	NE	0.58 / 3,063.49	-3	449
110	ENVIROSTOR	201 N. DOUGLAS PROPERTY	201 N. DOUGLAS STREET EL SEGUNDO CA 90245	ESE	0.71 / 3,734.03	-10	449
111	ENVIROSTOR	NORTH AMERICAN AIRCRAFT	INGLEWOOD CA	NE	0.73 / 3,856.47	-6	454
112	ENVIROSTOR	RAYTHEON SPACE AND AIRBORNE SYSTEMS	2000 E EL SEGUNDO BLVD EL SEGUNDO CA 90245	SSE	0.74 / 3,926.87	23	455
112	HWP	RAYTHEON SPACE AND AIRBORNE SYSTEMS	2000 E EL SEGUNDO BLVD EL SEGUNDO CA 90245	SSE	0.74 / 3,926.87	23	459
112	INSP COMP ENF	RAYTHEON SPACE AND AIRBORNE SYSTEMS	2000 E EL SEGUNDO BLVD EL SEGUNDO CA 90245	SSE	0.74 / 3,926.87	23	462
113	ENVIROSTOR	WISEBURN HIGH SCHOOL - CAMPUS	827 NORTH DOUGLAS STREET EL SEGUNDO CA 90245	E	0.75 / 3,981.03	-7	466

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
113	SCH	WISEBURN HIGH SCHOOL - CAMPUS	827 NORTH DOUGLAS STREET EL SEGUNDO CA 90245	E	0.75 / 3,981.03	-7	467
114	ENVIROSTOR	SPERRY GYROSCOPE CORP	EL SEGUNDO CA	NE	0.80 / 4,249.92	-7	468
115	ENVIROSTOR	NORTHROP GRUMMAN CORP (WC)	800 NO DOUGLAS LOS ANGELES CA 90250	ENE	0.82 / 4,315.85	-4	468
116	ENVIROSTOR	STANDARD OIL CO.	EL SEGUNDO CA	WSW	0.82 / 4,332.76	-7	469
117	ENVIROSTOR	AME ROCKWEL EL SEG AUXILIARY	LOS ANGELES CA	WSW	0.93 / 4,906.15	-10	470

Executive Summary: Summary by Data Source

Standard

Federal

SEMS ARCHIVE - SEMS List 8R Archive Sites

A search of the SEMS ARCHIVE database, dated Dec 5, 2016 has found that there are 4 SEMS ARCHIVE site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
DEVLIN PHARMACEUTICALS INC	700 N SEPULVEDA BLVD EL SEGUNDO CA 90245	N	0.14 / 759.28	49
INTERNATIONAL RECTIFIER	233 KANSAS ST. EL SEGUNDO CA 90245	SW	0.25 / 1,322.47	80

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
NORTHROP CORP AIRCRAFT DIV	2043 E MARIPOSA AVE EL SEGUNDO CA 90245	ENE	0.40 / 2,090.49	96
ALLIED SALES & SALVAGE	160 S SEPULVEDA BLVD EL SEGUNDO CA 90245	S	0.45 / 2,356.04	99

CERCLIS - Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS

A search of the CERCLIS database, dated Oct 25, 2013 has found that there are 4 CERCLIS site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
DEVLIN PHARMACEUTICALS INC	700 N SEPULVEDA BLVD EL SEGUNDO CA 90245	N	0.14 / 759.28	49
INTERNATIONAL RECTIFIER	233 KANSAS ST. EL SEGUNDO CA 90245	SW	0.25 / 1,322.47	80

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
NORTHROP CORP AIRCRAFT DIV	2043 E MARIPOSA AVE EL SEGUNDO CA 90245	ENE	0.40 / 2,090.49	96

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ALLIED SALES & SALVAGE	160 S SEPULVEDA BLVD EL SEGUNDO CA 90245	S	0.45 / 2,356.04	99

CERCLIS NFRAP - CERCLIS - No Further Remedial Action Planned

A search of the CERCLIS NFRAP database, dated Oct 25, 2013 has found that there are 4 CERCLIS NFRAP site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
DEVLIN PHARMACEUTICALS INC	700 N SEPULVEDA BLVD EL SEGUNDO CA 90245	N	0.14 / 759.28	49
INTERNATIONAL RECTIFIER	233 KANSAS ST. EL SEGUNDO CA 90245	SW	0.25 / 1,322.47	80

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
NORTHROP CORP AIRCRAFT DIV	2043 E MARIPOSA AVE EL SEGUNDO CA 90245	ENE	0.40 / 2,090.49	96
ALLIED SALES & SALVAGE	160 S SEPULVEDA BLVD EL SEGUNDO CA 90245	S	0.45 / 2,356.04	99

RCRA CORRACTS - RCRA CORRACTS-Corrective Action

A search of the RCRA CORRACTS database, dated Dec 12, 2016 has found that there are 4 RCRA CORRACTS site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
RAYTHEON COMPANY	2000 E. EL SEGUNDO BLVD. EL SEGUNDO CA 90245	SSE	0.37 / 1,951.54	93

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
NORTHROP CORP AIRCRAFT DIV	2031 E MARIPOSA AVE EL SEGUNDO CA 90245	ENE	0.34 / 1,772.21	86
NORTHROP CORP AIRCRAFT DIV	2043 E MARIPOSA AVENUE EL SEGUNDO CA 90245	ENE	0.40 / 2,090.49	96
THE BOEING COMPANY	1920 EAST IMPERIAL HWY EL SEGUNDO CA 90245	NNE	0.52 / 2,763.86	108

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key

RCRA TSD - RCRA non-CORRACTS TSD Facilities

A search of the RCRA TSD database, dated Dec 12, 2016 has found that there are 5 RCRA TSD site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ELECTROPLY, INC	140 WASHINGTON ST EL SEGUNDO CA 90245	SSW	0.24 / 1,268.53	74
RAYTHEON COMPANY	2000 E. EL SEGUNDO BLVD. EL SEGUNDO CA 90245	SSE	0.37 / 1,951.54	93
RAYTHEON COMPANY	2030 MAPLE AVENUE EL SEGUNDO CA 90245	NE	0.38 / 1,998.97	94
BUSS SYST INC	240 CENTER ST EL SEGUNDO CA 90245	WSW	0.46 / 2,409.57	101

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
MATTELL INC.	2031 MARIPOSA AVENUE EL SEGUNDO CA 90245	ENE	0.32 / 1,670.04	85

RCRA LQG - RCRA Generator List

A search of the RCRA LQG database, dated Dec 12, 2016 has found that there are 3 RCRA LQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
THE BOEING COMPANY	650-700 N SEPULVEDA BLVD EL SEGUNDO CA 90245	NNE	0.08 / 446.07	26
INTERNATIONAL RECTIFIER EL SEGUNDO	1521 GRAND EL SEGUNDO CA 90245	SW	0.19 / 990.44	58

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
THE BOEING COMPANY	601-603 LAIRPORT ST EL SEGUNDO CA 90245	ENE	0.21 / 1,132.41	66

RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Dec 12, 2016 has found that there are 16 RCRA SQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
HUGHES AIRCRAFT CO EDSG	360 N. SEPULVEDA BLVD EL SEGUNDO CA 90245	SSE	0.02 / 114.83	10
SPECTRUM METAL FINISHERS INC	1720 E HOLLY AVE EL SEGUNDO CA 90245	SSW	0.04 / 196.79	13
TRI CLEANERS	630 N SEPULVEDA EL SEGUNDO CA 90245	NNE	0.06 / 331.15	21
LAX PHOTO LAB	630 N SEPULVEDA UNIT 6 B EL SEGUNDO CA 90245	NNE	0.06 / 331.15	21
SPIN FORGE A DIV OF DMC	1700 E GRAND AVE EL SEGUNDO CA 902454378	SSW	0.12 / 649.37	40
JIM AND JACKS AUTO BODY SHOP	348 WASHINGTON STREET EL SEGUNDO CA 90245	SW	0.13 / 679.87	42
SPARKLING AIRLINE LINEN SERVICE	332 WASHINGTON ST EL SEGUNDO CA 90245	SW	0.13 / 691.84	44
JIM & JACK AUTOMOTIVE # 1	1605 E GRAND AVE EL SEGUNDO CA 90245	SSW	0.13 / 694.61	45
JIM AND JACKS	1601 E GRAND AVE EL SEGUNDO CA 90245	SW	0.15 / 794.42	50
MATTEL INC	1955 E GRAND AVE EL SEGUNDO CA 902455012	SE	0.21 / 1,093.31	63
MAC TRAINING 01	266 KANSAS ST EL SEGUNDO CA 90245	SW	0.21 / 1,127.15	65
TEAM ONE ADVERTISING	1960 EAST GRAND AVE SUITE E EL SEGUNDO CA 90245	SE	0.23 / 1,188.45	71

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
TELEDYNE CONTROLS LLC	501 CONTINENTAL BLVD EL SEGUNDO CA 90245 5036	E	0.24 / 1,257.40	73
ELECTROPLY, INC	140 WASHINGTON ST EL SEGUNDO CA 90245	SSW	0.24 / 1,268.53	74
HYEPER SILK SCREENING	1415 E GRAND AVE EL SEGUNDO CA 90245	SW	0.24 / 1,287.94	76

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
HUGHES AIRCRAFT CO SCG	200 N SEPULVEDA BLVD EL SEGUNDO CA 90245	S	0.18 / 963.36	55

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Dec 12, 2016 has found that there are 1 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
TRW INC	300 N SEPULVEDA BLVD EL SEGUNDO CA 90245	SSE	0.04 / 208.68	14

ERNS - Emergency Response Notification System

A search of the ERNS database, dated Oct 7, 2015 has found that there are 1 ERNS site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	202 ILLINOIS ST EL SEGUNDO CA	SSW	0.10 / 531.04	31

State

ENVIROSTOR - EnviroStor Database

A search of the ENVIROSTOR database, dated Nov 28, 2016 has found that there are 23 ENVIROSTOR site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
DEVLIN PHARMACEUTICALS, INC	700 NORTH SEPULVEDA BLVD EL SEGUNDO CA 90245	N	0.12 / 621.59	39

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
INTERNATIONAL RECTIFIER	233 KANSAS STREET EL SEGUNDO CA 90245	SW	0.26 / 1,378.45	81
RAYTHEON CO	2030 MAPLE AVENUE EL SEGUNDO CA 90245	NE	0.35 / 1,850.80	89
RAYTHEON SPACE AND AIRBORNE SYSTEMS	2000 E EL SEGUNDO BLVD EL SEGUNDO CA 90245	SSE	0.36 / 1,908.51	92
RAYTHEON CO	2030 MAPLE AVE EL SEGUNDO CA 902450000	NE	0.38 / 1,998.97	94
NWRIP DOD #26	EL SEGUNDO CA	N	0.39 / 2,036.38	95
EL SEGUNDO STORAGE ANNEX	EL SEGUNDO CA	N	0.39 / 2,036.38	95
ALLIED SALES & SALVAGE	160 SOUTH SEPULVEDA BOULEVARD EL SEGUNDO CA 90245	S	0.45 / 2,365.41	100
THE BOEING COMPANY	1920 E IMPERIAL HWY EL SEGUNDO CA 902452701	NNE	0.49 / 2,571.02	105
RAYTHEON SPACE AND AIRBORNE SYSTEMS	2000 E EL SEGUNDO BLVD EL SEGUNDO CA 90245	SSE	0.74 / 3,926.87	112

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
NORTHROP CORP-AIRCRAFT DIV	2031 E MARIPOSA AVE EL SEGUNDO CA 90250	ENE	0.34 / 1,772.21	86
NORTHROP CORP-AIRCRAFT DIV	2031 E MARIPOSA AVE EL SEGUNDO CA 90250	ENE	0.34 / 1,772.21	86
NORTHROP CORP/AIRCRAFT DIV	2043 E MARIPOSA AVE EL SEGUNDO CA 902450000	ENE	0.34 / 1,816.04	88
NORTHROP CORP/AIRCRAFT DIV	2043 E MARIPOSA AVE EL SEGUNDO CA 902450000	ENE	0.40 / 2,098.64	97

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
BOEING SATELLITE SYSTEMS INC	1920 E IMPERIAL HWY EL SEGUNDO CA 902452701	NNE	0.50 / 2,658.85	107
NORTH AMERICAN AIRCRAFT	INGLEWOOD CA	NE	0.58 / 3,063.49	109
201 N. DOUGLAS PROPERTY	201 N. DOUGLAS STREET EL SEGUNDO CA 90245	ESE	0.71 / 3,734.03	110
NORTH AMERICAN AIRCRAFT	INGLEWOOD CA	NE	0.73 / 3,856.47	111
WISEBURN HIGH SCHOOL - CAMPUS	827 NORTH DOUGLAS STREET EL SEGUNDO CA 90245	E	0.75 / 3,981.03	113
SPERRY GYROSCOPE CORP	EL SEGUNDO CA	NE	0.80 / 4,249.92	114
NORTHROP GRUMMAN CORP (WC)	800 NO DOUGLAS LOS ANGELES CA 90250	ENE	0.82 / 4,315.85	115
STANDARD OIL CO.	EL SEGUNDO CA	WSW	0.82 / 4,332.76	116
AME ROCKWEL EL SEG AUXILIARY	LOS ANGELES CA	WSW	0.93 / 4,906.15	117

HWP - EnviroStor Hazardous Waste Facilities

A search of the HWP database, dated Jan 12, 2017 has found that there are 5 HWP site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
RAYTHEON CO	2030 MAPLE AVE EL SEGUNDO CA 902450000	NE	0.38 / 1,998.97	94
THE BOEING COMPANY	1920 E IMPERIAL HWY EL SEGUNDO CA 902452701	NNE	0.49 / 2,571.02	105

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
RAYTHEON SPACE AND AIRBORNE SYSTEMS	2000 E EL SEGUNDO BLVD EL SEGUNDO CA 90245	SSE	0.74 / 3,926.87	112

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
NORTHROP CORP-AIRCRAFT DIV	2031 E MARIPOSA AVE EL SEGUNDO CA 902500000	ENE	0.34 / 1,772.21	86
NORTHROP CORP/AIRCRAFT DIV	2043 E MARIPOSA AVE EL SEGUNDO CA 902450000	ENE	0.34 / 1,816.04	88

LUST - Leaking Underground Fuel Tank Reports

A search of the LUST database, dated Dec 09, 2016 has found that there are 11 LUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNOCAL #5866	603 SEPULVEDA BLVD N EL SEGUNDO CA 90245	NNE	0.01 / 75.68	5
	Global ID* | *Status* | *Status Date: *T0603703539* | *Completed - Case Closed* | *1996-07-12 00:00:00*			
GLOBAL SOLUTIONS	1955 GRAND AVE EL SEGUNDO CA 90245	ESE	0.19 / 976.84	56
	Global ID* | *Status* | *Status Date: *T0603701269* | *Completed - Case Closed* | *1998-02-02 00:00:00*			
UNOCAL #4613	770 SEPULVEDA BLVD N EL SEGUNDO CA 90245	N	0.22 / 1,149.35	69
	Global ID* | *Status* | *Status Date: *T0603792957* | *Completed - Case Closed* | *1997-02-06 00:00:00*			
HUGHES AIRCRAFT-EDSG	1920 MAPLE ST E EL SEGUNDO CA 90245	NNE	0.22 / 1,152.14	70
	Global ID* | *Status* | *Status Date: *T0603704975* | *Completed - Case Closed* | *1996-09-18 00:00:00*			
HUGHES AIRCRAFT CO CSG	1990 GRAND AVE E EL SEGUNDO CA 90245	SE	0.30 / 1,577.62	84
	Global ID* | *Status* | *Status Date: *T0603705198* | *Completed - Case Closed* | *1996-08-19 00:00:00*			
CHEVRON #9-7879	101 SEPULVEDA BLVD S EL SEGUNDO CA 90245	S	0.35 / 1,865.87	90
	Global ID* | *Status* | *Status Date: *T0603703512* | *Completed - Case Closed* | *1996-08-26 00:00:00*			
CITY OF EL SEGUNDO	FRANKLIN AVE EL SEGUNDO CA 90245	W	0.49 / 2,581.09	106
	Global ID* | *Status* | *Status Date: *T0603701266* | *Completed - Case Closed* | *2006-07-26 00:00:00*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
JIM & JACK AUTO BODY	307 SEPULVEDA BLVD N EL SEGUNDO CA 90245	S	0.11 / 571.80	36

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Global ID* | *Status* | *Status Date: *T0603704033 | Completed - Case Closed | 1992-10-08 00:00:00*			
CITY OF EL SEGUNDO	150 ILLINOIS ST EL SEGUNDO CA 90245	SSW	0.27 / 1,417.91	83
	Global ID* | *Status* | *Status Date: *T0603705310 | Completed - Case Closed | 2006-07-26 00:00:00*			
HUGHES AIRCRAFT CO/ SCG	1925 MAPLE ST E EL SEGUNDO CA 90245	NE	0.35 / 1,867.35	91
	Global ID* | *Status* | *Status Date: *T0603705197 | Completed - Case Closed | 1996-01-03 00:00:00*			
HUGHES AIRCRAFT	2000 IMPERIAL HWY E EL SEGUNDO CA 90245	NE	0.48 / 2,521.03	103
	Global ID* | *Status* | *Status Date: *T0603703959 | Completed - Case Closed | 1999-05-12 00:00:00*			

UST - Permitted Underground Storage Tank (UST) in GeoTracker

A search of the UST database, dated Jan 30, 2017 has found that there are 4 UST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
AIRPORT UNION 76, TOSCO SS #5866	603 N. SEPULVEDA BL. El Segundo CA 90245	NNE	0.13 / 686.33	43
	Facility ID: *300140*			
PACIFIC CORPORATE TOWERS	222 N. SEPULVEDA BL. El Segundo CA 90245	SE	0.15 / 808.28	51
	Facility ID: *300212*			
ELECTROPLY, INC.	140 WASHINGTON STREET El Segundo CA 90245	SSW	0.16 / 840.10	54
	Facility ID: *300089*			
PACIFIC CORPORATE TOWERS	100 N. SEPULVEDA BL. El Segundo CA 90245	SSE	0.25 / 1,302.07	77
	Facility ID: *300211*			

AST - Aboveground Storage Tanks

A search of the AST database, dated Aug 31, 2009 has found that there are 1 AST site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ING	200 N SEPULVEDA BLVD. EL SEGUNDO CA 90245	S	0.18 / 963.36	55

HHSS - Historical Hazardous Substance Storage Information Database

A search of the HHSS database, dated Aug 27, 2015 has found that there are 10 HHSS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SERVICE STATION 5866	603 NO SEPULVEDA BLVD EL SEGUNDO CA 90245	NNE	0.01 / 63.32	4
UNION OIL SERVICE STATION LEAS	603 N. SEPULVEDA BLVD. EL SEGUNDO CA 90245	NNE	0.01 / 63.32	4
THE HERTZ CORPORATION	540 N. SEPULVEDA BLVD EL SEGUNDO CA 90245	NNE	0.02 / 87.09	8
LAX BUSINESS CENTER	300, 360 & 390 N. SEPULVEDA BL GRAND AVENUE EL SEGUNDO CA 90245	SSE	0.02 / 98.51	9
EL SEGUNDO MAINTENANCE FACILIT	150 ILLINOIS STREET EL SEGUNDO CA 90245	SSW	0.11 / 604.51	38
UNION OIL 4613	770 N. SEPULVEDA BLVD. EL SEGUNDO CA 90245	N	0.22 / 1,138.32	67
SERVICE STATION 4613	770 N SEPULVEDA EL SEGUNDO CA 90245	N	0.22 / 1,138.32	67
ELECTROPLY INC	140 WASHINGTON ST. EL SEGUNDO CA 90245	SSW	0.24 / 1,268.53	74

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
HAGOP KIZIRIAN	307 N. SEPULVEDA BLVD. EL SEGUNDO CA 90245	S	0.08 / 432.06	25
INTERNATIONAL RECTIFIRE	330 KANSAS ST. EL SEGUNDO CA 90245	WSW	0.19 / 1,008.15	59

VCP - Voluntary Cleanup Program

A search of the VCP database, dated Jan 13, 2017 has found that there are 3 VCP site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
HUGHES AIRCRAFT/GILBERT	800 N. SEPULVEDA BLVD. EL SEGUNDO CA 90245	N	0.21 / 1,126.86	64

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
1330 EAST FRANKLIN AVENUE	1330 EAST FRANKLIN AVENUE EL SEGUNDO CA 90245	SW	0.34 / 1,773.68	87
RADIANT SERVICES	200 NEVADA STREET EL SEGUNDO CA 90245	SW	0.40 / 2,132.16	98

CLEANUP SITES - GeoTracker Cleanup Sites Data

A search of the CLEANUP SITES database, dated Dec 09, 2016 has found that there are 3 CLEANUP SITES site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
INTERNATIONAL RECTIFIER CORP.	233 KANSAS ST EL SEGUNDO CA	SSW	0.26 / 1,394.86	82

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
HYPERION TREATMENT PLANT	12000 VISTA DEL MAR EL SEGUNDO CA 90245	WSW	0.48 / 2,558.57	104
SCE - EL SEGUNDO GENERATING STATION	301 VISTA DELMAR EL SEGUNDO CA	WSW	0.48 / 2,558.57	104

County

DELISTED COUNTY - Delisted County Records

A search of the DELISTED COUNTY database, dated Feb 14, 2017 has found that there are 3 DELISTED COUNTY site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Raytheon Company	1921 E. Mariposa Ave. Bldg. R-24, El Segundo CA	ENE	0.13 / 701.19	47
DEVLIN PHARMACEUTICALS, INC	700 N SEPULVEDA BLVD EL SEGUNDO CA 90245	N	0.14 / 759.28	49

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Pacific Corporate Towers, LLC	222 N. Sepulveda Bl. , El Segundo CA	SSE	0.16 / 821.68	52

ELSEGUNDO UST - Los Angeles County - El Segundo City Underground Storage Tanks List

A search of the ELSEGUNDO UST database, dated Jan 17, 2017 has found that there are 26 ELSEGUNDO UST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Overton Moore & Associates	541 N. Sepulveda Bl. El Segundo CA 90245	NNE	0.00 / 8.03	2
Airport Five Star	603 N. Sepulveda Blvd. El Segundo CA 90245	NNE	0.01 / 63.32	4
Tosco/Unocal # 5866	603 N. Sepulveda Blvd. El Segundo CA 90245	NNE	0.01 / 63.32	4
Airport Five Star	603 N. Sepulveda Blvd. CA ***Permit**: 30-0140*	NNE	0.01 / 63.32	4
LAX Business Center	360 N. Sepulveda Blvd. El Segundo CA 90245	SSE	0.02 / 114.83	10
Segundo Associates	600 N. Sepulveda Blvd. El Segundo CA 90245	NNE	0.05 / 244.23	17
City of El Segundo	150 Illinois Street CA ***Permit**: 30-0071*	SSW	0.11 / 604.51	38
El Segundo, City of	150 Illinois Street El Segundo CA 90245	SSW	0.11 / 604.51	38
Raytheon Systems Company	1921 E. Mariposa Ave. El Segundo CA 90245	ENE	0.13 / 701.19	47
Detroit Automative Products/Wyrefab	1601 E. Grand Avenue El Segundo CA 90245	SW	0.15 / 794.42	50
Motta Brothers	763 N. Sepulveda Bl. El Segundo CA 90245	N	0.20 / 1,040.68	61
Circle K Corporation	765 N. Sepulveda Blvd. CA ***Permit**: 30-0121*	N	0.20 / 1,052.21	62

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Mobil Oil Company	765 N. Sepulveda Blvd. El Segundo CA 90245	N	0.20 / 1,052.21	62
Mattel Toys	1955 E. Grand Ave. El Segundo CA 90245	SE	0.21 / 1,093.31	63
Bob's Union 76	770 N. Sepulveda Blvd, CA ***Permit**: 30-0017*	N	0.22 / 1,138.32	67
Tosco, Union 76 SS# 4613	770 N. Sepulveda Bl. El Segundo CA 90245	N	0.22 / 1,138.32	67
Tosco/Unocal # 4613	770 N. Sepulveda Blvd. El Segundo CA 90245	N	0.22 / 1,138.32	67
Popklin Realty	607 Lairport Street El Segundo CA 90245	NE	0.24 / 1,255.57	72
Electroply	140 Washington Street CA	SSW	0.24 / 1,268.53	74
Pacific Corporate Towers	100 N. Sepulveda Bl. El Segundo CA 90245	S	0.24 / 1,284.06	75
Pacific Corporate Towers	100 N. Sepulveda Blvd. El Segundo CA 90245	S	0.24 / 1,284.06	75
Blackmore & Associates/ WIN Investments, LP	700 Lairport Street El Segundo CA 90245	NE	0.25 / 1,311.01	79

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Kevork's Texaco	307 N. Sepulveda Blvd. El Segundo CA 90245	S	0.08 / 432.06	25
Pacific Corporate Towers	222 N. Sepulveda Bl El Segundo CA 90245	SSE	0.16 / 821.68	52
Pacific Corporate Towers	222 N. Sepulveda Blvd. El Segudno CA 90245	SSE	0.16 / 821.68	52

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
International Rectifier	330 Kansas Street El Segundo CA 90245	WSW	0.19 / 1,008.15	59

LA HMS - Los Angeles County HMS List

A search of the LA HMS database, dated Nov 14, 2016 has found that there are 34 LA HMS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	525 N SEPULVEDA BLVD EL SEGUNDO CA 90245	-	0.00 / 0.00	1
	603 N SEPULVEDA BLVD EL SEGUNDO CA 902453423	NNE	0.01 / 63.32	4
	540 N SEPULVEDA BLVD EL SEGUNDO CA 90245	NNE	0.02 / 87.09	8
	360 N SEPULVEDA BLVD EL SEGUNDO CA 90245	SSE	0.02 / 114.83	10
	1720 E HOLLY AVE EL SEGUNDO CA 90245	SSW	0.04 / 196.79	13
	1730 E HOLLY AVE EL SEGUNDO CA 90245	SSW	0.04 / 214.25	15
	600 N SEPULVEDA BLVD EL SEGUNDO CA 90245	NNE	0.05 / 244.23	17
	639 N SEPULVEDA BLVD EL SEGUNDO CA 902453423	N	0.09 / 466.12	28
	690 N SEPULVEDA BLVD EL SEGUNDO CA 90245	NNE	0.10 / 520.04	29
	202 ILLINOIS ST EL SEGUNDO CA 90245	SSW	0.10 / 531.04	31

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	150 ILLINOIS ST EL SEGUNDO CA 90245	SSW	0.11 / 604.51	38
	1700 E GRAND AVE EL SEGUNDO CA 902454332	SSW	0.12 / 649.37	40
	1605 E GRAND AVE EL SEGUNDO CA 90245	SSW	0.13 / 694.61	45
	340 N WASHINGTON ST EL SEGUNDO CA 902454449	SW	0.13 / 698.58	46
	1921 E MARIPOSA AVE EL SEGUNDO CA 90245	ENE	0.13 / 701.19	47
	332 N WASHINGTON ST EL SEGUNDO CA 902454449	SW	0.13 / 701.46	48
	1601 E GRAND AVE EL SEGUNDO CA 90245	SW	0.15 / 794.42	50
	140 N WASHINGTON ST EL SEGUNDO CA 90245	SW	0.16 / 821.78	53
	1521 E GRAND AVE EL SEGUNDO CA 902454339	SW	0.19 / 988.97	57
	763 N SEPULVEDA BLVD EL SEGUNDO CA 90245	N	0.20 / 1,040.68	61
	765 N SEPULVEDA BLVD EL SEGUNDO CA 902453425	N	0.20 / 1,052.21	62
	1955 E GRAND AVE EL SEGUNDO CA 90245	SE	0.21 / 1,093.31	63
	770 N SEPULVEDA BLVD EL SEGUNDO CA 90245	N	0.22 / 1,138.32	67

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	1661 E FRANKLIN AVE EL SEGUNDO CA 90245	SSW	0.22 / 1,145.44	68
	607 LAIRPORT ST EL SEGUNDO CA 90245	NE	0.24 / 1,255.57	72
	100 N SEPULVEDA BLVD EL SEGUNDO CA 90245	S	0.24 / 1,284.06	75
	222 KANSAS ST EL SEGUNDO CA 902454315	SW	0.25 / 1,305.64	78
	700 LAIRPORT ST EL SEGUNDO CA 90245	NE	0.25 / 1,311.01	79

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	339 N INDIANA ST EL SEGUNDO CA 90245	S	0.06 / 336.17	22
	307 N SEPULVEDA BLVD EL SEGUNDO CA 90245	S	0.08 / 432.06	25
	305 N INDIANA ST EL SEGUNDO CA 90245	S	0.09 / 453.61	27
	222 N SEPULVEDA BLVD EL SEGUNDO CA 90245	SSE	0.16 / 821.68	52
	330 KANSAS ST EL SEGUNDO CA 902454382	WSW	0.19 / 1,008.15	59
	348 KANSAS ST EL SEGUNDO CA 90245	WSW	0.19 / 1,010.12	60

LA SWF - Los Angeles County Solid Waste Sites

A search of the LA SWF database, dated Jan 6, 2017 has found that there are 1 LA SWF site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
A & A Waste & Rolloff Services, INC.	139 Nevada Street, El Segundo, CA 90245 El Segundo CA	SW	0.47 / 2,458.80	102

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Oct 13, 2016 has found that there are 27 FINDS/FRS site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
HACIENDA HOTEL	525 N SEPULVEDA BLVD EL SEGUNDO CA 90245	-	0.00 / 0.00	1
UNOCAL #5866	603 SEPULVEDA BLVD N EL SEGUNDO CA 90245	NNE	0.01 / 63.32	4
AIRPORT 5 STAR	603 N SEPULVEDA BLVD EL SEGUNDO CA 90245	NNE	0.01 / 63.32	4
RUBIO'S	400 N SEPULVEDA BLVD STE C EL SEGUNDO CA 90245	SSE	0.02 / 81.91	6
RALPHS GROCERY #645	500 N. SEPULVEDA BLVD. EL SEGUNDO CA 90245	ENE	0.02 / 84.34	7
HUGHES AIRCRAFT CO EDSG	360 N. SEPULVEDA BLVD EL SEGUNDO CA 90245	SSE	0.02 / 114.83	10
7-ELEVEN 39399	601 SEPULVEDA BLVD EL SEGUNDO CA 90245	N	0.02 / 115.14	11
WALGREENS #9882	331 N SEPULVEDA BLVD EL SEGUNDO CA 90245	SSE	0.03 / 179.34	12
SPECTRUM METAL FINISHERS INC	1720 EAST HOLLY AVENUE EL SEGUNDO CA 90245-4404	SSW	0.04 / 196.79	13
TRW INC	300 N SEPULVEDA BLVD EL SEGUNDO CA 90245	SSE	0.04 / 208.68	14

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
NATION'S PRINTING CORP	1730 E HOLLY AVE EL SEGUNDO CA 90245-4497	SSW	0.04 / 214.25	15
TRI-CLEANERS AND LAUNDRY	630 N SEPULVEDA BLVD STE 11B EL SEGUNDO CA 90245	NNE	0.06 / 331.15	21
LAX PHOTO LAB	630 N SEPULVEDA UNIT 6 B EL SEGUNDO CA 90245-3435	NNE	0.06 / 331.15	21
TRI CLEANERS	630 N SEPULVEDA EL SEGUNDO CA 90245-3435	NNE	0.06 / 331.15	21
HABIT BURGER GRILL	311 N SEPULVEDA BLVD EL SEGUNDO CA 90245	S	0.06 / 341.26	23
THE BOEING COMPANY	650-700 N SEPULVEDA BLVD EL SEGUNDO CA 90245	NNE	0.08 / 446.07	26
CARL'S JR. #272	639 N. SEPULVEDA BLVD. EL SEGUNDO CA 90245	N	0.09 / 466.12	28
EL SEGUNDO	650 SEPULVEDA BOULEVARD EL SEGUNDO CA 90245	NNE	0.10 / 528.89	30
EL SEGUNDO CITY	150 ILLINOIS ST EL SEGUNDO CA 90245-4352	SSW	0.11 / 604.51	38
CITY OF EL SEGUNDO - MAINTENANCE FACILITY	150 ILLINOIS ST EL SEGUNDO CA 90245	SSW	0.11 / 604.51	38
AIRITE CO	1700 EAST GRAND AVENUE EL SEGUNDO CA 90245-4332	SSW	0.12 / 649.37	40
SPIN FORGE A DIV OF DMC	1700 E GRAND AVE EL SEGUNDO CA 902454378	SSW	0.12 / 649.37	40

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
GREIDER CO	339 INDIANA ST EL SEGUNDO CA 90245	S	0.06 / 336.17	22
JIM & JACK AUTO BODY	307 SEPULVEDA BLVD N EL SEGUNDO CA 90245	S	0.08 / 432.06	25
CHIPOTLE MEXICAN GRILL #887	307 N SEPULVEDA BLVD STE B EL SEGUNDO CA 90245	S	0.08 / 432.06	25
SOUTHERN CALIFORNIA EDISON SEPULVEDA SUBSTATION	1820 E GRAND AVE EL SEGUNDO CA 90245	S	0.10 / 549.67	33
WEST COAST BARRIER PROJECT (9)	EL SEGUNDO BLVD EL SEGUNDO CA 00000	S	0.11 / 562.36	34

ICIS - Integrated Compliance Information System (ICIS)

A search of the ICIS database, dated Nov 18, 2016 has found that there are 2 ICIS site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
EL SEGUNDO	650 SEPULVEDA BOULEVARD EL SEGUNDO CA 90245	NNE	0.10 / 528.89	30

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
WEST COAST BARRIER PROJECT (9)	EL SEGUNDO BLVD EL SEGUNDO CA 00000	S	0.11 / 562.36	34

ALT FUELS - Alternative Fueling Stations

A search of the ALT FUELS database, dated Nov 3, 2016 has found that there are 3 ALT FUELS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
EVSP WALGREENS	331 N Sepulveda Blvd El Segundo CA 90245	SSE	0.03 / 179.34	12
Carl's Jr. - 639 N. Sepulveda Blvd., El Segundo	639 N. Sepulveda Blvd. El Segundo CA 90245	N	0.09 / 466.12	28

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PCT (formerly Pacific Corporate Towers)	200 N. Sepulveda Blvd, Suite 650 El Segundo CA 90245	S	0.18 / 963.36	55

State

INSP COMP ENF - EnviroStor Inspection, Compliance, and Enforcement

A search of the INSP COMP ENF database, dated Jan 28, 2017 has found that there are 2 INSP COMP ENF site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
THE BOEING COMPANY	1920 E IMPERIAL HWY EL SEGUNDO CA 90245	NNE	0.49 / 2,571.02	105
RAYTHEON SPACE AND AIRBORNE SYSTEMS	2000 E EL SEGUNDO BLVD EL SEGUNDO CA 90245	SSE	0.74 / 3,926.87	112

SCH - School Property Evaluation Program Sites

A search of the SCH database, dated Jan 28, 2017 has found that there are 1 SCH site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
WISEBURN HIGH SCHOOL - CAMPUS	827 NORTH DOUGLAS STREET EL SEGUNDO CA 90245	E	0.75 / 3,981.03	113

CHMIRS - California Hazardous Material Incident Report System (CHMIRS)

A search of the CHMIRS database, dated Dec 6, 2016 has found that there are 4 CHMIRS site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
El Sequndo DFD	360 N Sepulveda El Segundo CA 90245	SSE	0.02 / 114.83	10
el segundo fire dept	1720 e. holly st elsegundo CA	SSW	0.04 / 196.79	13
Southern California Edison	202 Illinois St. El Segundo CA	SSW	0.10 / 531.04	31

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
So. CA Edison	East Grand Ave. @ N. Sepulveda El Segundo CA	S	0.10 / 543.42	32

HAZNET - Hazardous Waste Manifest Data

A search of the HAZNET database, dated Oct 24, 2016 has found that there are 65 HAZNET site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
RUBICON B HACIENDA LLC	525 N SEPULVEDA BLVD. EL SEGUNDO CA 90245	-	0.00 / 0.00	1
RUBICON B HACIENDA LLC	525 N SEPULVEDA BLVD. EL SEGUNDO CA 90245	-	0.00 / 0.00	1
RUBICON B HACIENDA LLC	525 N SEPULVEDA BLVD. EL SEGUNDO CA 90245	-	0.00 / 0.00	1
HACIENDA HOTEL	525 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	-	0.00 / 0.00	1
RUBICON B HACIENDA LLC	525 N SEPULVEDA BLVD EL SEGUNDO CA 90245	-	0.00 / 0.00	1
RUBICON B HACIENDA LLC	525 N SEPULVEDA BLVD. EL SEGUNDO CA 90245	-	0.00 / 0.00	1
EL SEGUNDO PALMS	403 INDIANA ST EL SEGUNDO CA 90245	SSW	0.01 / 39.00	3
EL SEGUNDO PALMS INC	403 INDIANA ST EL SEGUNDO CA 90245	SSW	0.01 / 39.00	3
EL SEGUNDO PALMS	403 INDIANA ST EL SEGUNDO CA 902454403	SSW	0.01 / 39.00	3
AIRPORT 5 STAR INC	603 N SEPULVEDA EL SEGUNDO CA 90245	NNE	0.01 / 63.32	4
AIRPORT UNION	603 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	NNE	0.01 / 63.32	4

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
JAY TAAT & BANOO TAAT DBA AIRPORT 76 INC	603 N SEPULVEDA BLVD EL SEGUNDO CA 902453423	NNE	0.01 / 63.32	4
UNOCAL SERVICE STATION #5866	603 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	NNE	0.01 / 63.32	4
TOSCO CORPORATION STATION #31004	603 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	NNE	0.01 / 63.32	4
LAX AUTO SERVICE	603 N SEPULVEDA BLVD EL SEGUNDO CA 902453423	NNE	0.01 / 63.32	4
1X AIRPORT UNOCAL	603 NORTH SEPULVEDA_BLVD EL SEGUNDO CA 902450000	NNE	0.01 / 63.32	4
CONOCO PHILLIPS #255866	603 N SEPULVEDA BLVD EL SEGUNDO CA 90245	NNE	0.01 / 63.32	4
RALPHS GROCERY #645	500 N SEPULVEDA BLVD EL SEGUNDO CA 902454447	ENE	0.02 / 84.34	7
US HEALTHWORKS - LAX	390 N SEPULVEDA BLVD STE 1000 EL SEGUNDO CA 90245	SSE	0.02 / 98.51	9
NANOWAVE INC	390 N. SEPULVEDA BLVD STE 2070 EL SEGUNDO CA 90245	SSE	0.02 / 98.51	9
DWF IV 300 N SEPULVEDA, LLC	360 N SEPULVEDA BLVD STE 1010 EL SEGUNDO CA 902454413	SSE	0.02 / 114.83	10
HUGHES AIRCRAFT CO-EDSG	360 N. SEPULVEDA BLVD EL SEGUNDO CA 902450000	SSE	0.02 / 114.83	10
HUGHES AIRCRAFT CO	360 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	SSE	0.02 / 114.83	10
BODY WIZARD MEDICINE	360 N SEPULVEDA BLVD STE 1030 EL SEGUNDO CA 902454460	SSE	0.02 / 114.83	10

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ROYAL PAPER INC	360 N SEPULVEDA BLVD EL SEGUNDO CA 902454460	SSE	0.02 / 114.83	10
WALGREENS #9882	331 N SEPULVEDA BLVD EL SEGUNDO CA 90245	SSE	0.03 / 179.34	12
SPECTRUM METAL FINISHERS INC	1720 E HOLLY AVE EL SEGUNDO CA 902450000	SSW	0.04 / 196.79	13
TRW INC	300 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	SSE	0.04 / 208.68	14
T R W DEFENSE & ELECTRONICS SECTOR	300 NO SEPULVEDA BLVD EL SEGUNDO CA 902780000	SSE	0.04 / 208.68	14
PEGASUS PRESS	1730 E HOLLY AVE EL SEGUNDO CA 90245	SSW	0.04 / 214.25	15
NATIONS PRINTING CORP	1730 E HOLLY AVE EL SEGUNDO CA 902740000	SSW	0.04 / 214.25	15
1X NAGEL, DAVID	600 NORTH SEPULVEDA EL SEGUNDO CA 902450000	NNE	0.05 / 244.23	17
THE PARTS DEPARTMENT	1700 E HOLLY AVE EL SEGUNDO CA 902450000	SW	0.05 / 253.08	18
WAYNE DUNCAN	608 ILLINOIS CT UNITS 3 & 4 EL SEGUNDO CA 902453452	NNW	0.05 / 274.56	19
TRI CLEANERS INC	630 N SEPULVEDA EL SEGUNDO CA 902450000	NNE	0.06 / 331.15	21
LAX PHOTO LAB	630 N SEPULVEDA UNIT 6 B EL SEGUNDO CA 902450000	NNE	0.06 / 331.15	21
THE BOEING CO	650-700 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	NNE	0.08 / 446.07	26

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
SOUTHERN CALIFORNIA EDISON - CUSTOMER LOCATION	650 N SEPULVEDA BLVD EL SEGUNDO CA 902453422	NNE	0.10 / 528.89	30
AERO SPACE CTR	650 N SEPULVEDA AVE EL SEGUNDO CA 902450000	NNE	0.10 / 528.89	30
ELIN POINT ASSOC	1600 HOLLY AVE EL SEGUNDO CA 90245	SW	0.11 / 571.48	35
VEN JOSHI	605 WASHINGTON ST. EL SEGUNDO CA 90245	NW	0.11 / 576.15	37
EL SEGUNDO CITY OF	150 ILLINOIS ST EL SEGUNDO CA 902450000	SSW	0.11 / 604.51	38
CITY OF EL SEGUNDO(CITY MAINT DEPT)	150 ILLINOIS ST EL SEGUNDO CA 902450000	SSW	0.11 / 604.51	38
1X DIRT MASTERS	150 ILLINOIS STREET EL SEGUNDO CA 902450000	SSW	0.11 / 604.51	38
AIRITE A DOVER SARGENT CO	1700 E GRAND AVE EL SEGUNDO CA 902450000	SSW	0.12 / 649.37	40
SOUTHERN CALIFORNIA EDISON CORP	1700 E GRAND AVE EL SEGUNDO CA 902454332	SSW	0.12 / 649.37	40
CHAM MART ENGINEERING	1700 E GRAND AVE EL SEGUNDO CA 90245	SSW	0.12 / 649.37	40
SPIN FORGE	1700 E GRAND AVE EL SEGUNDO CA 902454332	SSW	0.12 / 649.37	40
MAR CANYON GRAND LLC	1700 E GRAND AVE EL SEGUNDO CA 90245	SSW	0.12 / 649.37	40
SARGENT INDUSTRIES/AIRITE DIV.	1700 E GRAND AVE EL SEGUNDO CA 902450000	SSW	0.12 / 649.37	40

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
AEROJET GENERAL CORP EL SEGUNDO OPERATIONS	1700 E GRAND AVE EL SEGUNDO CA 90245	SSW	0.12 / 649.37	40
SPIN FORGE INTERNATIONAL INC	1700 EAST GRAND AVENUE EL SEGUNDO CA 902450000	SSW	0.12 / 649.37	40
SPIN FORGE A DIV OF DMC	1700 E GRAND AVE EL SEGUNDO CA 902454378	SSW	0.12 / 649.37	40
RAYTHEON	1917-21 E MARIPOSA AVE EL SEGUNDO CA 902450000	ENE	0.12 / 656.65	41
HUGHES AIRCRAFT COMPANY	1917-21 EAST MARIPOSA AVENUE EL SEGUNDO CA 902450000	ENE	0.12 / 656.65	41

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
GREIDER CO	333 INDIANA ST EL SEGUNDO CA 902450000	SSW	0.06 / 322.59	20
GREIDER CO	333 INDIANA ST # 339 EL SEGUNDO CA 902454419	SSW	0.06 / 322.59	20
GREIDGER CO.	339 INDIANA ST EL SEGUNDO CA 90245	S	0.06 / 336.17	22
GREIDER COMPANY	339 INDIANA ST EL SEGUNDO CA 902450000	S	0.06 / 336.17	22
GREIDER COMPANY	333-339 INDIANA ST EL SEGUNDO CA 902450000	S	0.07 / 363.81	24
KEVORK TEXACO	307 N SEPULVEDA EL SEGUNDO CA 902450000	S	0.08 / 432.06	25
KEVORK'S AUTO REPAIR	307 N SEPULVEDA EL SEGUNDO CA 902440000	S	0.08 / 432.06	25

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SOUTHERN CALIFORNIA EDISON SEPULVEDA SUB STATION	1820 E GRAND AVE EL SEGUNDO CA 90245	S	0.10 / 549.67	33
SOUTHERN CALIF EDISON	1820 E GRAND AVE EL SEGUNDO CA 902450000	S	0.10 / 549.67	33
SOUTHERN CALIF EDISON/SEPULVEDA SUBSTAT	1820 E GRAND AVE EL SEGUNDO CA 902450000	S	0.10 / 549.67	33

HIST MANIFEST - Historical Hazardous Waste Manifest Data

A search of the HIST MANIFEST database, dated Dec 31, 1992 has found that there are 12 HIST MANIFEST site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	603 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	NNE	0.01 / 63.32	4
	360 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	SSE	0.02 / 114.83	10
	1720 E HOLLY AVE EL SEGUNDO CA 902450000	SSW	0.04 / 196.79	13
	1730 E HOLLY AVE EL SEGUNDO CA 902740000	SSW	0.04 / 214.25	15
	600 NORTH SEPULVEDA EL SEGUNDO CA 902450000	NNE	0.05 / 244.23	17
	650 N SEPULVEDA AVE EL SEGUNDO CA 902450000	NNE	0.10 / 528.89	30
	150 ILLINOIS STREET EL SEGUNDO CA 902450000	SSW	0.11 / 604.51	38
	150 ILLINOIS ST EL SEGUNDO CA 902450000	SSW	0.11 / 604.51	38
	150 ILLINOIS ST EL SEGUNDO CA 902450000	SSW	0.11 / 604.51	38

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	1700 EAST GRAND AVENUE EL SEGUNDO CA 902450000	SSW	0.12 / 649.37	40
	1700 E GRAND AVE EL SEGUNDO CA 902450000	SSW	0.12 / 649.37	40
	1700 E GRAND AVE EL SEGUNDO CA 902450000	SSW	0.12 / 649.37	40

HIST CHMIRS - Historical California Hazardous Material Incident Report System (CHMIRS)

A search of the HIST CHMIRS database, dated Jan 1, 1993 has found that there are 2 HIST CHMIRS site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	601 ILLINOIS EL SEGUNDO CA	NNW	0.04 / 236.70	16
	150 ILLINOIS EL SEGUNDO CA	SSW	0.11 / 604.51	38

DRYCLEANERS - Drycleaner Facilities

A search of the DRYCLEANERS database, dated Nov 23, 2016 has found that there are 1 DRYCLEANERS site(s) within approximately 0.25 miles of the project property.

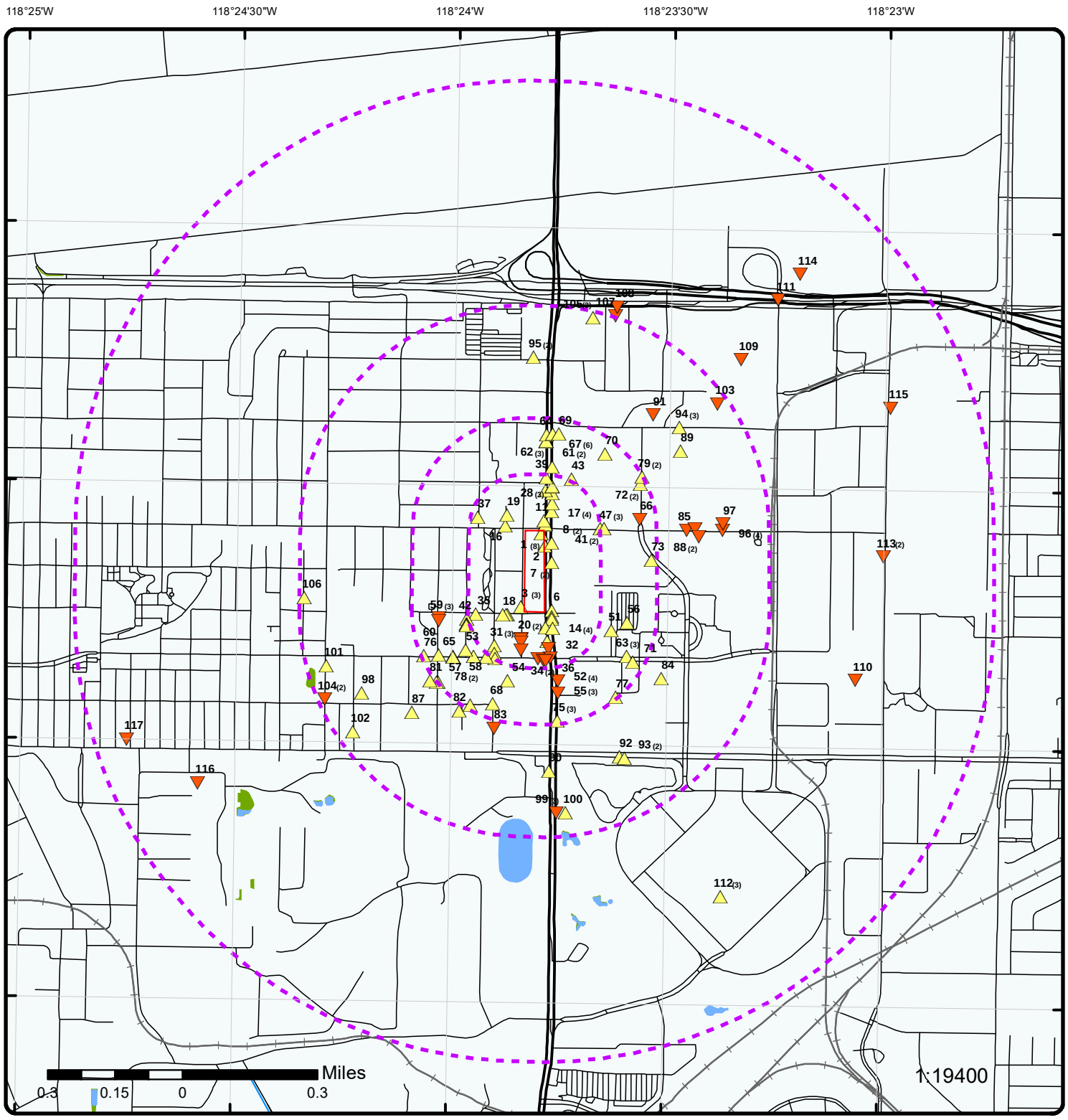
Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
TRI CLEANERS INC	630 N SEPULVEDA EL SEGUNDO CA 902450000	NNE	0.06 / 331.15	21

County

LA SML - Los Angeles County Site Mitigation List

A search of the LA SML database, dated Oct 13, 2016 has found that there are 1 LA SML site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
USDA APHIS LABORATORY BUILDING	222 KANSAS ST EL SEGUNDO CA 90245-	SW	0.25 / 1,305.64	78



Map : 1 Mile Radius

Order No: 20170222217

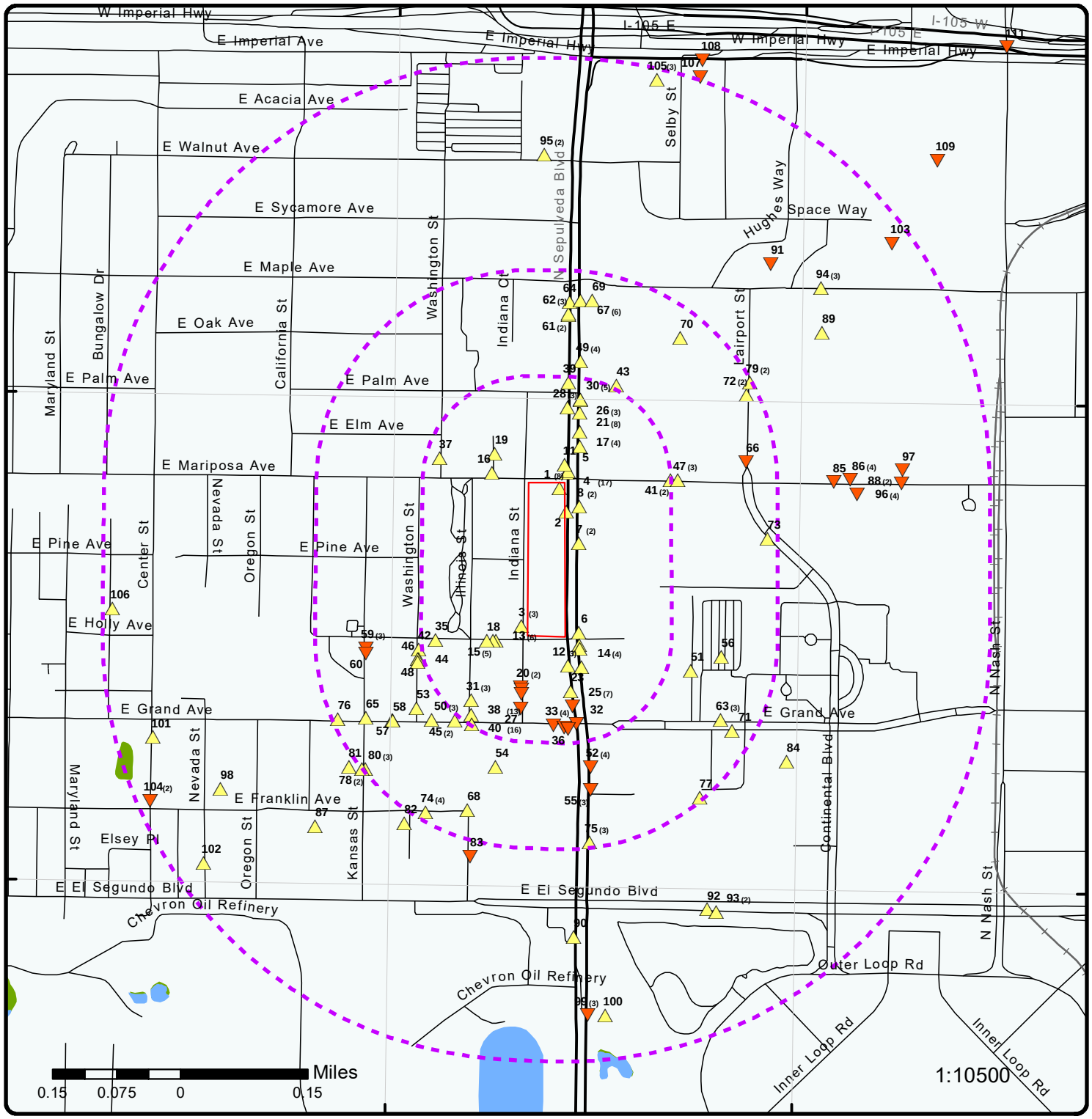
Address: 475 & 525 North Sepulveda Boulevard, Los Angeles, CA, 90049

ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- **Buffer Outline**
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- County Boundary
- Rails
- Major Highways
- Major Highways Ramps
- Major Roads
- Major Roads Ramps
- Secondary Roads
- Secondary Roads Ramps
- Local Roads and Ramps
- State Boundary
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- Historic Fill
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- State Brownfield Sites
- State Brownfield Areas
- State Superfund Areas:Dept. of Defense
- State Superfund Areas:NPL
- WQARF Areas
- Federal Lands: Dept. of Defense (owned/administered areas)

Source: © 2016 ESRI

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Map : 0.5 Mile Radius

Order No: 20170222217

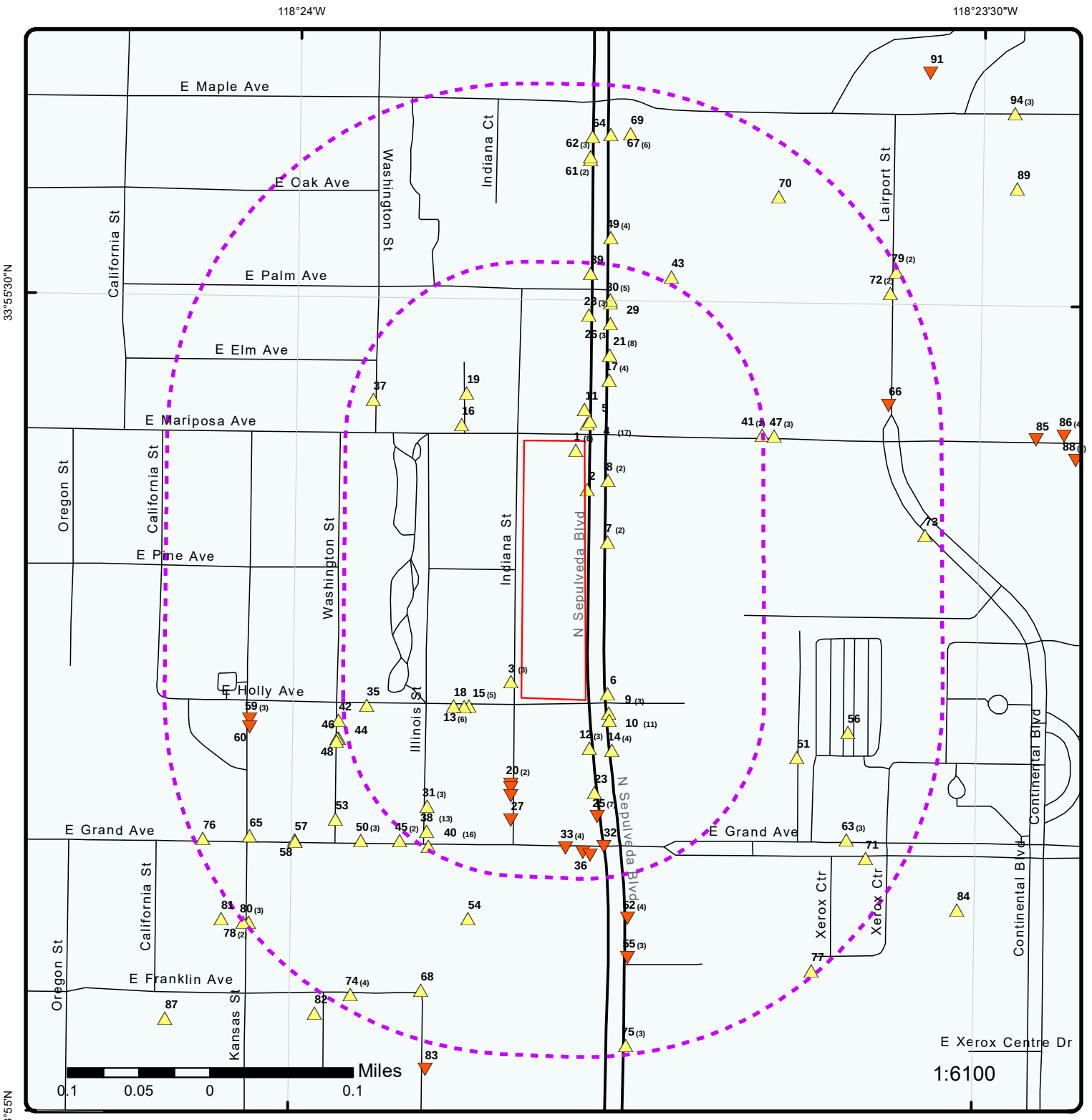
Address: 475 & 525 North Sepulveda Boulevard, Los Angeles, CA, 90049

ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- **Buffer Outline**
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- County Boundary
- Rails
- Major Highways
- Major Highways Ramps
- Major Roads
- Major Roads Ramps
- Secondary Roads
- Secondary Roads Ramps
- Local Roads and Ramps
- State Boundary
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- Historic Fill
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- State Brownfield Sites
- State Brownfield Areas
- State Superfund Areas:Dept. of Defense
- State Superfund Areas:NPL
- WQARF Areas
- Federal Lands: Dept. of Defense (owned/administered areas)

Source: © 2016 ESRI

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Map : 0.25 Mile Radius

Order No: 20170222217

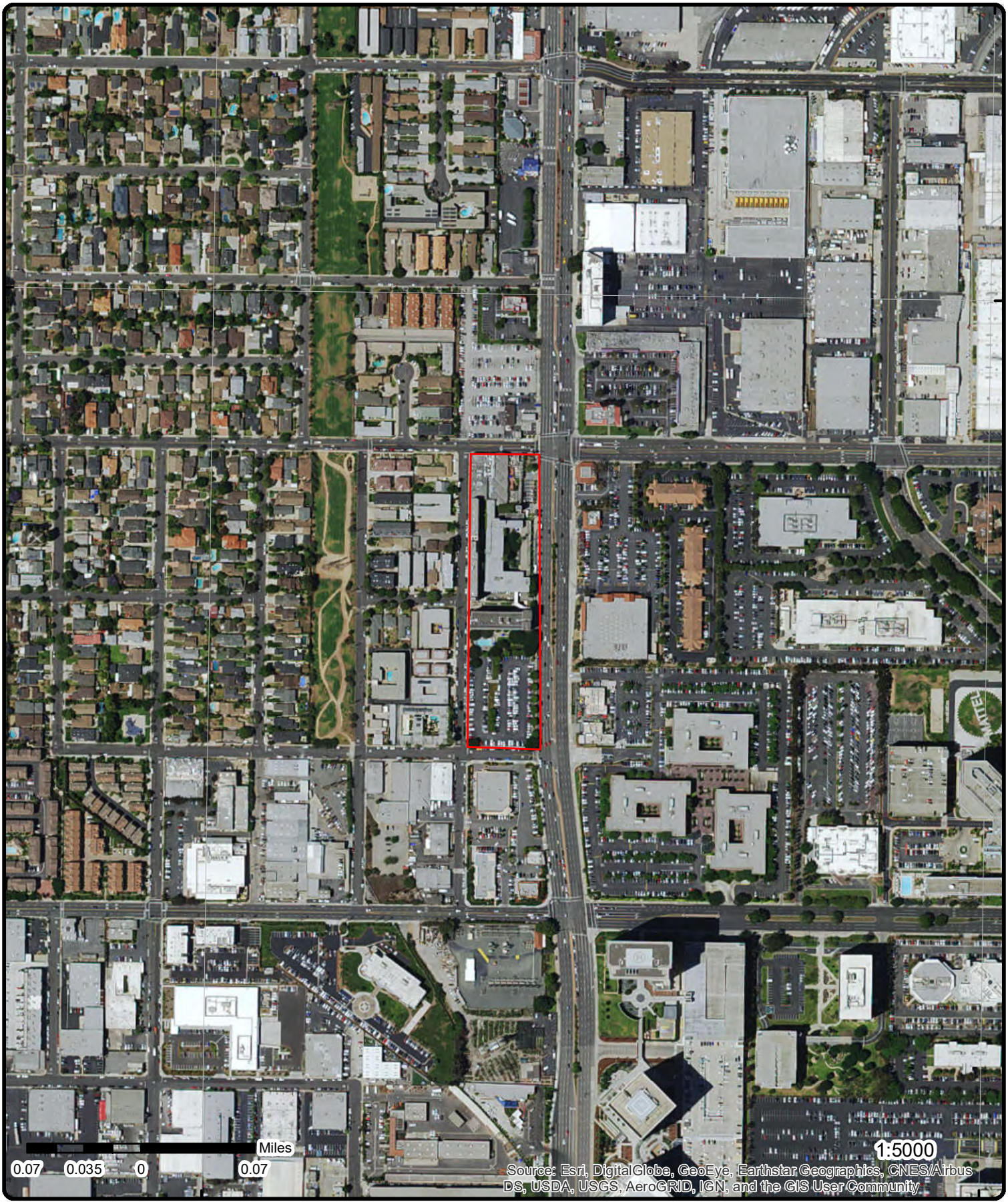
Address: 475 & 525 North Sepulveda Boulevard, Los Angeles, CA, 90049

ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- County Boundary
- Rails
- Major Highways
- Major Highways Ramps
- Major Roads
- Major Roads Ramps
- Secondary Roads
- Secondary Roads Ramps
- Local Roads and Ramps
- State Boundary
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- National Wetland
- Indian Reserve Land
- Historic Fill
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- State Brownfield Sites
- State Brownfield Areas
- State Superfund Areas:Dept. of Defense
- State Superfund Areas:NPL
- WQARF Areas
- Federal Lands: Dept. of Defense (owned/administered areas)

Source: © 2016 ESRI

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Aerial

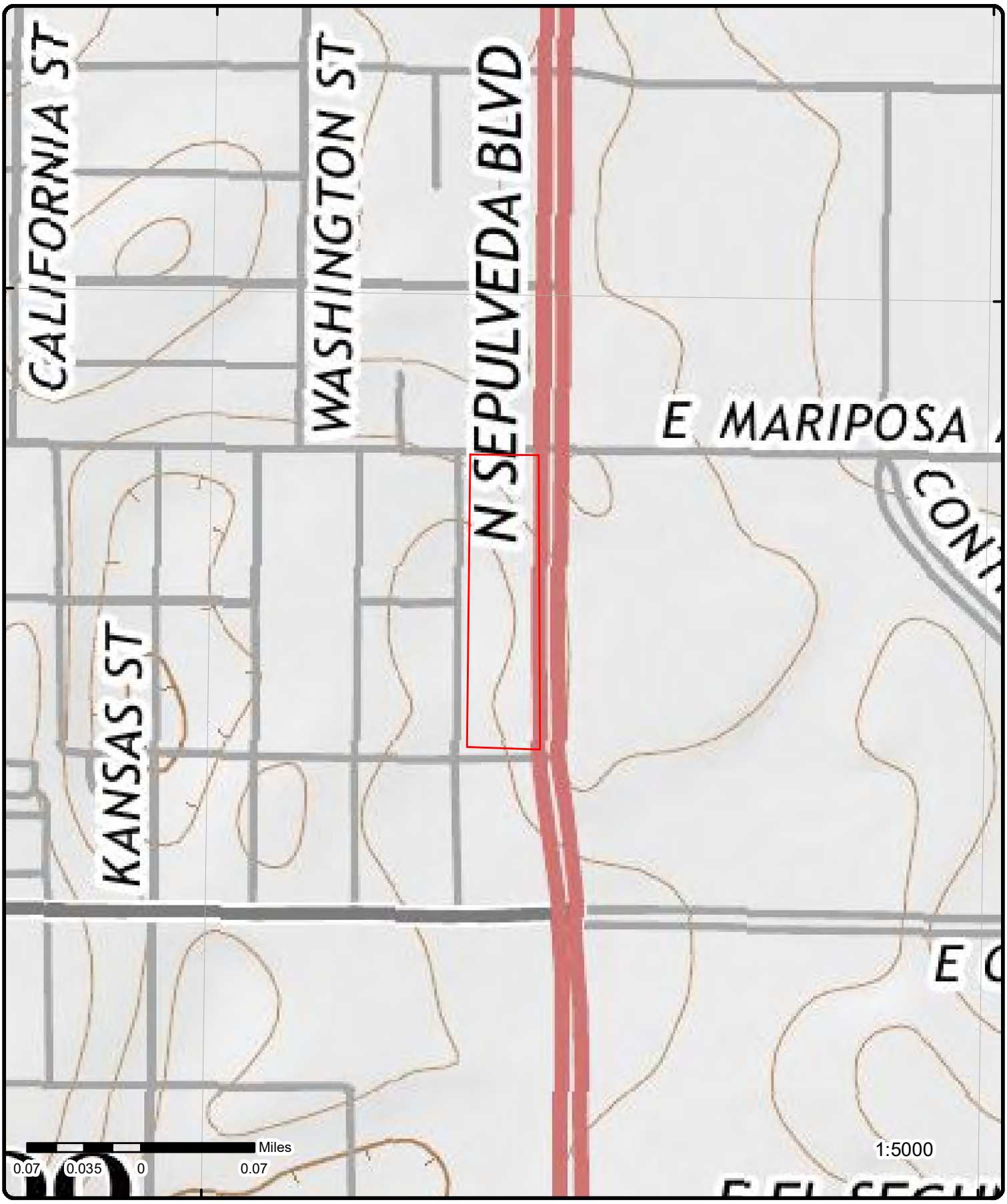
Order No: 20170222217

Address: 475 & 525 North Sepulveda Boulevard, Los Angeles, CA, 900

Source: ESRI World Imagery

ENVIRONMENTAL RISK INFORMATION SERVICES

© ERIS Information Inc.



Topographic Map

Order No: 20170222217

Address: 475 & 525 North Sepulveda Boulevard, Los Angeles, CA, 900

Source: USGS Topographic Map

© ERIS Information Inc.

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
1	1 of 8	-	0.00 / 0.00	125.83	HACIENDA HOTEL 525 N SEPULVEDA BLVD EL SEGUNDO CA 90245	FINDS/FRS

Registry ID:	110065544343
FIPS Code:	
Program Acronyms:	CA-ENVIROVIEW
HUC Code:	18070104
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
Source:	
County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	13-OCT-2015 11:22:18
Census Block Code:	060376200022000
Update Date:	
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.9229
Longitude:	-118.39682
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Reference Point:	CENTER OF A FACILITY OR STATION
Interest Types:	STATE MASTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110065544343

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
1	2 of 8	-	0.00 / 0.00	125.83	525 N SEPULVEDA BLVD EL SEGUNDO CA 90245	LA HMS

Site No:	008241
Area:	2N

--Details--

File No:	I08783
File Name:	HACIENDA HOTEL INC
Permit No:	00010181L
Permit Code:	I
Permit Category Desc:	Industrial Waste Permit
Permit Status Code:	CLOS
Permit Status Desc:	Permit Closed
Permit Type:	02
Permit Type Desc:	Operating Industrial Waste Permit - Trunk Sewer
Status Code:	CLOS
Status Desc:	Permit Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

File No: I08783
File Name: HACIENDA HOTEL INC
Permit No: 00010182L
Permit Code: I
Permit Category Desc: Industrial Waste Permit
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 02
Permit Type Desc: Operating Industrial Waste Permit - Trunk Sewer
Status Code: CLOS
Status Desc: Permit Closed

1	3 of 8	-	0.00 / 0.00	125.83	RUBICON B HACIENDA LLC 525 N SEPULVEDA BLVD. EL SEGUNDO CA 90245	HAZNET

SIC Code: 7011,7041
NAICS Code: 72111
EPA ID: CAC002822210
Create Date: 7/16/2015
Fac Act Ind: No
Inact Date: 10/15/2015
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: 525 N SEPULVEDA BLVD.
Mailing Addr 2:
Owner Fax:

Mailing City: EL SEGUNDO
Mailing State: CA
Mailing Zip: 90245
Region Code: 3
Owner Name: SEAN LAVELLE
Owner Addr 1: 525 N SEPULVEDA BLVD.
Owner Addr 2:
Owner City: EL SEGUNDO
Owner State: CA
Owner Zip: 90245
Owner Phone: 8058224817

Contact Information
-- --
Contact Name: SEAN LAVELLE
Street Address 1: 525 N SEPULVEDA BLVD.
Street Address 2:
City: EL SEGUNDO
State: CA
Zip: 90245
Phone: 8058224817

1	4 of 8	-	0.00 / 0.00	125.83	RUBICON B HACIENDA LLC 525 N SEPULVEDA BLVD. EL SEGUNDO CA 90245	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAC002799719
Create Date:
Fac Act Ind:
Inact Date:
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: 525 N SEPULVEDA BLVD.
Mailing Addr 2:
Owner Fax:

Mailing City: EL SEGUNDO
Mailing State: CA
Mailing Zip: 90245
Region Code:
Owner Name:
Owner Addr 1:
Owner Addr 2:
Owner City:
Owner State:
Owner Zip:
Owner Phone:

-- --
Additional Contact Information
-- --
Contact Name: SEAN LAVELLE
Phone: 8058224817
-- --
Tanner Information
-- --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Generator EPA ID:	CAC002799719
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD009007626
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	18.4
Year:	2014
Generator EPA ID:	CAC002799719
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD009007626
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	276
Year:	2015

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
1	5 of 8	-	0.00 / 0.00	125.83	**RUBICON B HACIENDA LLC** **525 N SEPULVEDA BLVD.** **EL SEGUNDO CA 90245**	HAZNET

SIC Code:	7011,7041	**Mailing City:**	EL SEGUNDO
NAICS Code:	72111	**Mailing State:**	CA
EPA ID:	CAC002833919	**Mailing Zip:**	90245
Create Date:	10/15/2015	**Region Code:**	3
Fac Act Ind:	No	**Owner Name:**	RUBICON B HACIENDA LLC
Inact Date:	1/15/2016	**Owner Addr 1:**	525 N SEPULVEDA BLVD.
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	EL SEGUNDO
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	525 N SEPULVEDA BLVD.	**Owner Zip:**	90245
Mailing Addr 2:		**Owner Phone:**	8058224817
Owner Fax:			

Contact Information

--	--
Contact Name:	SEAN LAVELLE
Street Address 1:	525 N SEPULVEDA BLVD.
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	90245
Phone:	8058224817

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
1	6 of 8	-	0.00 / 0.00	125.83	**HACIENDA HOTEL** **525 N SEPULVEDA BLVD** **EL SEGUNDO CA 902450000**	HAZNET

SIC Code:		**Mailing City:**	EL SEGUNDO
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAL000190047	**Mailing Zip:**	902450000
Create Date:	4/23/1999	**Region Code:**	3
Fac Act Ind:	No	**Owner Name:**	FRANK KLAUS
Inact Date:	6/30/2006	**Owner Addr 1:**	525 N SEPULVEDA BLVD
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	EL SEGUNDO

Mail Name:	FRANK GODOY/GEN MGR/VP	**Owner State:**	CA
Mailing Addr 1:	525 N SEPULVEDA BLVD	**Owner Zip:**	902450000
Mailing Addr 2:		**Owner Phone:**	0000000000
Owner Fax:			

Contact Information	
--	--
Contact Name:	ERIC LICAS
Street Address 1:	525 N SEPULVEDA BLVD
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	902450000
Phone:	3106150015
--	--
Tanner Information	
--	--
Generator EPA ID:	CAL000190047
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD099452708
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	R01
Method Description:	Recycler
Tons:	0.231
Year:	1999
Generator EPA ID:	CAL000190047
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	H039
Method Description:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	0.0084
Year:	2007
Generator EPA ID:	CAL000190047
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD981696420
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.417
Year:	2011
Generator EPA ID:	CAL000190047
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.25
Year:	2014

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
1	7 of 8	-	0.00 / 0.00	125.83	RUBICON B HACIENDA LLC 525 N SEPULVEDA BLVD EL SEGUNDO CA 90245	HAZNET

SIC Code:	7011,7041	**Mailing City:**	EL SEGUNDO
NAICS Code:	72111	**Mailing State:**	CA
EPA ID:	CAC002879407	**Mailing Zip:**	90245
Create Date:	9/26/2016	**Region Code:**	3
Fac Act Ind:	Yes	**Owner Name:**	RUBICON B HACIENDA LLC
Inact Date:		**Owner Addr 1:**	525 N SEPULVEDA BLVD
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	EL SEGUNDO
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	525 N SEPULVEDA BLVD	**Owner Zip:**	90245
Mailing Addr 2:		**Owner Phone:**	8058224817
Owner Fax:			

Contact Information

--	--
Contact Name:	SEAN LAVELLE
Street Address 1:	525 N SEPULVEDA BLVD
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	90245
Phone:	8058224817
--	--

Tanner Information

--	--
Generator EPA ID:	CAC002879407
Generator County Code:	
Generator County:	
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H01
Method Description:	Transfer station
Tons:	0.3069
Year:	2004
Generator EPA ID:	CAC002879407
Generator County Code:	
Generator County:	
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	551
State Waste Code Desc.:	Laboratory waste chemicals
Method Code:	H01
Method Description:	Transfer station
Tons:	0.00417
Year:	2004

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
1	8 of 8	-	0.00 / 0.00	125.83	RUBICON B HACIENDA LLC 525 N SEPULVEDA BLVD. EL SEGUNDO CA 90245	HAZNET

SIC Code:	7011	**Mailing City:**	EL SEGUNDO
NAICS Code:	721199	**Mailing State:**	CA
EPA ID:	CAC002810894	**Mailing Zip:**	90245
Create Date:	4/15/2015	**Region Code:**	3
Fac Act Ind:	No	**Owner Name:**	RUBICON B HACIENDA LLC
Inact Date:	7/15/2015	**Owner Addr 1:**	525 N SEPULVEDA BLVD.
County Code:	19	**Owner Addr 2:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

County Name:	Los Angeles	**Owner City:**	EL SEGUNDO
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	525 N SEPULVEDA BLVD.	**Owner Zip:**	90245
Mailing Addr 2:		**Owner Phone:**	3106150015
Owner Fax:			

Contact Information

--	--
Contact Name:	SEAN LAVELLE
Street Address 1:	525 N SEPULVEDA BLVD.
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	90245
Phone:	8058224817

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
2	1 of 1	NNE	0.00 / 8.03	125.99	**Overton Moore & Associates** **541 N. Sepulveda Bl.** **El Segundo CA 90245**	**ELSEGUNDO UST**

Permit:		**Removal Date:**	3/12/1985
Type:	Remediation Tanks	**Closure Date:**	
Inspected:		**A1998:**	
Petroleum:	2	**Inspection Due:**	
Haz Substance:		**State ID:**	
State:			
Extra Comments:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
3	1 of 3	SSW	0.01 / 39.00	107.95	**EL SEGUNDO PALMS** **403 INDIANA ST** **EL SEGUNDO CA 90245**	**HAZNET**

SIC Code:		**Mailing City:**	*EL SEGUNDO*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAC002797027	**Mailing Zip:**	*90245*
Create Date:	12/15/2014	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*ARA AVAK C/O BAY CITY PROPERTY MGMT*
Inact Date:	3/16/2015	**Owner Addr 1:**	*PO BOX 111*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*EL SEGUNDO*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	PO BOX 111	**Owner Zip:**	*90245*
Mailing Addr 2:		**Owner Phone:**	*3106492071*
Owner Fax:			

Contact Information

--	--
Contact Name:	JENNIFER KONIG
Street Address 1:	PO BOX 111
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	90245
Phone:	3109883154

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
3	2 of 3	SSW	0.01 / 39.00	107.95	**EL SEGUNDO PALMS INC** **403 INDIANA ST** **EL SEGUNDO CA 90245**	**HAZNET**

SIC Code:		**Mailing City:**	*EL SEGUNDO*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAC002608948	**Mailing Zip:**	*90245*
Create Date:	10/2/2006	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*EL SEGUNDO PALMS INC*

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Inact Date:	4/1/2007	**Owner Addr 1:**	*403 INDIANA ST*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*EL SEGUNDO*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	403 INDIANA ST	**Owner Zip:**	*90245*
Mailing Addr 2:		**Owner Phone:**	*5629211555*
Owner Fax:			

Contact Information

--	--
Contact Name:	JEFF PIASKOWSKI/MGR
Street Address 1:	403 INDIANA ST
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	90245
Phone:	5629211555
--	--

Tanner Information

--	--
Generator EPA ID:	CAC002608948
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD097030993
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	1
Year:	2006

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
3	*3 of 3*	*SSW*	*0.01 / 39.00*	*107.95*	***EL SEGUNDO PALMS*** ***403 INDIANA ST*** ***EL SEGUNDO CA 902454403***	***HAZNET***

SIC Code:		**Mailing City:**	*EL SEGUNDO*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAC002727118	**Mailing Zip:**	*90245*
Create Date:	4/18/2013	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*ARA AVAK,C/O BAY CITY PROPERTY MGT*
Inact Date:	7/18/2013	**Owner Addr 1:**	*P.O. BOX 111*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*EL SEGUNDO*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	P.O. BOX 111	**Owner Zip:**	*90245*
Mailing Addr 2:		**Owner Phone:**	*3106492071*
Owner Fax:			

Contact Information

--	--
Contact Name:	JENNIFER KONIG
Street Address 1:	403 INDIANA ST
Street Address 2:	P.O. BOX 111
City:	EL SEGUNDO
State:	CA
Zip:	902454403
Phone:	3109883154

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
4	*1 of 17*	*NNE*	*0.01 / 63.32*	*124.92*	***AIRPORT 5 STAR*** ***603 N SEPULVEDA BLVD*** ***EL SEGUNDO CA 90245***	***FINDS/FRS***

Registry ID:	110055858273

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

FIPS Code:	19
Program Acronyms:	CA-CERS, CA-ENVIROVIEW
HUC Code:	18070104
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
Source:	
County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	15-SEP-2013 13:38:26
Census Block Code:	060376200012011
Update Date:	13-OCT-2015 13:24:38
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.92371
Longitude:	-118.396419
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	50
Datum:	NAD83
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Interest Types:	STATE MASTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110055858273

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
4	2 of 17	NNE	0.01 / 63.32	124.92	UNOCAL #5866 603 SEPULVEDA BLVD N EL SEGUNDO CA 90245	FINDS/FRS

Registry ID:	110065897836
FIPS Code:	
Program Acronyms:	CA-ENVIROVIEW
HUC Code:	18070104
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
Source:	
County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	13-OCT-2015 16:09:50
Census Block Code:	060379800301000
Update Date:	
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.90623
Longitude:	-118.396115
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	50
Datum:	NAD83
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Interest Types:		STATE MASTER				
Facility Detail Rprt URL:		http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110065897836				

4	3 of 17	NNE	0.01 / 63.32	124.92	UNION OIL SERVICE STATION LEAS 603 N. SEPULVEDA BLVD. EL SEGUNDO CA 90245	HHSS

County:	Los Angeles
Pdf File Url:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028183.pdf

4	4 of 17	NNE	0.01 / 63.32	124.92	SERVICE STATION 5866 603 NO SEPULVEDA BLVD EL SEGUNDO CA 90245	HHSS

County:	Los Angeles
Pdf File Url:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028fef.pdf

4	5 of 17	NNE	0.01 / 63.32	124.92	603 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	HIST MANIFEST

Gen EPA ID:	CAD981646821
Create Date:	07/03/1987 0:00
Inact Date:	6/30/1997 8:14:00
Facility Mail Street:	PO BOX 25376
Facility Mail City:	SANTA ANA
Facility Mail State:	CA
Facility Mail Zip:	927995376
Contact Phone(s):	7144286802
File Year(s):	1990
Contact Name(s):	CHRISTOPHER Z HILL
Tanner Information	
--	--
Generator EPA ID:	CAD981646821
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD980883177
TSD County Code:	15
TSD County:	Kern
State Waste Code:	241
State Waste Code Desc.:	Tank bottom waste
Method Code:	R01
Method Description:	Recycler
Tons:	1.25
Year:	1990
--	--
Generator EPA ID:	CAD981646821
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD980883177
TSD County Code:	15
TSD County:	Kern
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1990
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
4	6 of 17	NNE	0.01 / 63.32	124.92	603 N SEPULVEDA BLVD EL SEGUNDO CA 902453423	LA HMS

Site No: 008435
Area: 2N

--Details--
File No: 009969
File Name: UNOCAL CORP SS 5866
Permit No: 00001407T
Permit Code: T
Permit Category Desc: Underground Storage Tank
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 0
Permit Type Desc: Underground Storage Tank Operating Permit
Status Code: CLOS
Status Desc: Permit Closed

File No: 024781
File Name: TOSCO/UNOCAL #31004
Permit No: 000190348
Permit Code: T
Permit Category Desc: Underground Storage Tank
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 0
Permit Type Desc: Underground Storage Tank Operating Permit
Status Code: CLOS
Status Desc: Permit Closed

File No: I09969
File Name: AIRPORT UNION 76
Permit No: 00010183L
Permit Code: I
Permit Category Desc: Industrial Waste Permit
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Status Code: CLOS
Status Desc: Permit Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
4	7 of 17	NNE	0.01 / 63.32	124.92	AIRPORT 5 STAR INC 603 N SEPULVEDA EL SEGUNDO CA 90245	HAZNET

SIC Code: 5541
NAICS Code: 44719
EPA ID: CAL000250775
Create Date: 4/24/2002 2:31:05 PM
Fac Act Ind: No
Inact Date: 6/30/2008
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: 603 N SEPULVEDA
Mailing Addr 2:
Owner Fax: 0000000000

Mailing City: EL SEGUNDO
Mailing State: CA
Mailing Zip: 902450000
Region Code: 3
Owner Name: AIRPORT FIVE STAR INC
Owner Addr 1: 603 NORTH SEPULVEDA BLV
Owner Addr 2:
Owner City: EL SEGUNDO
Owner State: CA
Owner Zip: 902450000
Owner Phone: 3106151015

Contact Information
-- --
Contact Name: SHAUN SANIEOFF PRESIDENT
Street Address 1: 603 N SEPULVEDA BLV
Street Address 2:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

City:	EL SEGUNDO
State:	CA
Zip:	902450000
Phone:	3106151015
--	--
Tanner Information	
--	--
Generator EPA ID:	CAL000250775
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	241
State Waste Code Desc.:	Tank bottom waste
Method Code:	H135
Method Description:	DISCHARGE TO SEWER/POTW OR NPDES(WITH PRIOR STORAGE--WITH OR WITHOUT TREATMENT)
Tons:	0.5838
Year:	2011

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
4	8 of 17	NNE	0.01 / 63.32	124.92	**AIRPORT UNION** **603 N SEPULVEDA BLVD** **EL SEGUNDO CA 902450000**	HAZNET

SIC Code:		**Mailing City:**	*EL SEGUNDO*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAL000068189	**Mailing Zip:**	*902450000*
Create Date:	7/7/1992	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*UNOCAL OIL CO*
Inact Date:	6/30/1999	**Owner Addr 1:**	*3003 N CENTRAL AVE*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*PHOENIX*
Mail Name:		**Owner State:**	*AZ*
Mailing Addr 1:	603 N SEPULVEDA BLVD	**Owner Zip:**	*850120000*
Mailing Addr 2:		**Owner Phone:**	*0000000000*
Owner Fax:			

Contact Information	
--	--
Contact Name:	MIKE OR JAY
Street Address 1:	INACT PER 99VQ FINAL NOTICE - NK
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	--
Phone:	3106151015
--	--
Tanner Information	
--	--
Generator EPA ID:	CAL000068189
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD089446710
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H01
Method Description:	Transfer station
Tons:	1.8765
Year:	1996
Generator EPA ID:	CAL000068189
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD050099696
TSD County Code:	19
TSD County:	Los Angeles

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	R01
Method Description:	Recycler
Tons:	0.231
Year:	1997

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
4	9 of 17	NNE	0.01 / 63.32	124.92	JAY TAAT & BANOO TAAT DBA AIRPORT 76 INC 603 N SEPULVEDA BLVD EL SEGUNDO CA 902453423	HAZNET

SIC Code:	7539	**Mailing City:**	*EL SEGUNDO*
NAICS Code:	811118	**Mailing State:**	*CA*
EPA ID:	CAL000220932	**Mailing Zip:**	*902453423*
Create Date:	3/13/2000	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*JAY TAAT & BANOO TAAT*
Inact Date:	6/30/2001	**Owner Addr 1:**	*603 N SEPULVEDA BLVD*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*EL SEGUNDO*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	603 N SEPULVEDA BLVD	**Owner Zip:**	*902450000*
Mailing Addr 2:		**Owner Phone:**	*3106151015*
Owner Fax:			

Contact Information	
--	--
Contact Name:	HOWARD RAHGOSHAY-MGR
Street Address 1:	INACT VQ01,MB
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	902450000
Phone:	3106151015
--	--
Tanner Information	
--	--
Generator EPA ID:	CAL000220932
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD099452708
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	0
Year:	2001
Generator EPA ID:	CAL000220932
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	0.76
Year:	2005

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
4	10 of 17	NNE	0.01 / 63.32	124.92	UNOCAL SERVICE STATION #5866 603 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	HAZNET

SIC Code:	5541	**Mailing City:**	*SANTA ANA*
NAICS Code:	44719	**Mailing State:**	*CA*
EPA ID:	CAD981646821	**Mailing Zip:**	*927995376*
Create Date:	7/3/1987	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*UNION OIL COMPANY OF CALIFORNI*
Inact Date:	6/30/1997	**Owner Addr 1:**	*DBA UNOCAL*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*EL SEGUNDO*
Mail Name:	HAZMAT COMPL COORD, RM 9001	**Owner State:**	*CA*
Mailing Addr 1:	PO BOX 25376	**Owner Zip:**	*902450000*
Mailing Addr 2:		**Owner Phone:**	*7144286560*
Owner Fax:			

Contact Information

--	--
Contact Name:	CHRISTOPHER Z HILL
Street Address 1:	PO BOX 25376 CANX VQ97 CC
Street Address 2:	
City:	SANTA ANA
State:	CA
Zip:	927995376
Phone:	7144286802
--	--

Tanner Information

--	--
Generator EPA ID:	CAD981646821
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	R01
Method Description:	Recycler
Tons:	0.231
Year:	1993
Generator EPA ID:	CAD981646821
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD981458466
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	R01
Method Description:	Recycler
Tons:	0.21
Year:	1993
Generator EPA ID:	CAD981646821
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD009452657
TSD County Code:	41
TSD County:	San Mateo
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	R01
Method Description:	Recycler
Tons:	0.1428
Year:	1995
Generator EPA ID:	CAD981646821
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD982484933
TSD County Code:	36
TSD County:	San Bernardino

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	R01
Method Description:	Recycler
Tons:	0.25
Year:	1995
Generator EPA ID:	CAD981646821
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	T01
Method Description:	Treatment, tank
Tons:	0.294
Year:	1996
Generator EPA ID:	CAD981646821
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	R01
Method Description:	Recycler
Tons:	0.0126
Year:	2000
Generator EPA ID:	CAD981646821
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	T01
Method Description:	Treatment, tank
Tons:	0.147
Year:	2003

4	**11 of 17**	**NNE**	**0.01 / 63.32**	**124.92**	***TOSCO CORPORATION STATION #31004*** ***603 N SEPULVEDA BLVD*** ***EL SEGUNDO CA 902450000***	***HAZNET***

SIC Code:		**Mailing City:**	*PHOENIX*
NAICS Code:		**Mailing State:**	*AZ*
EPA ID:	CAL000139100	**Mailing Zip:**	*850722085*
Create Date:	4/24/1997	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*TOSCO MARKETING*
Inact Date:	6/30/2002	**Owner Addr 1:**	*PO BOX 52085*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*PHOENIX*
Mail Name:		**Owner State:**	*AZ*
Mailing Addr 1:	PO BOX 52085	**Owner Zip:**	*850722085*
Mailing Addr 2:		**Owner Phone:**	*6027284180*
Owner Fax:			

Contact Information	
--	--
Contact Name:	HAZMAT SPECIALIST
Street Address 1:	PO BOX 52085
Street Address 2:	
City:	PHOENIX

State:	AZ
Zip:	850722085
Phone:	6027284180
--	--
Tanner Information	
--	--
Generator EPA ID:	CAL000139100
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	1.52
Year:	1999
Generator EPA ID:	CAL000139100
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	135
State Waste Code Desc.:	Unspecified aqueous solution
Method Code:	H01
Method Description:	Transfer station
Tons:	0.819
Year:	2000
Generator EPA ID:	CAL000139100
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H01
Method Description:	Transfer station
Tons:	0.1
Year:	2000
Generator EPA ID:	CAL000139100
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	H01
Method Description:	Transfer station
Tons:	0.231
Year:	2000
Generator EPA ID:	CAL000139100
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H01
Method Description:	Transfer station
Tons:	0.0099
Year:	2000
Generator EPA ID:	CAL000139100
Generator County Code:	19

Generator County: Los Angeles
TSD EPA ID: CAD028409019
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 211
State Waste Code Desc.: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code: H01
Method Description: Transfer station
Tons: 0.0041
Year: 2000
Generator EPA ID: CAL000139100
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD028409019
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture
Method Code: H01
Method Description: Transfer station
Tons: 0.0036
Year: 2000
Generator EPA ID: CAL000139100
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD028409019
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 512
State Waste Code Desc.: Other empty containers 30 gallons or more
Method Code: H01
Method Description: Transfer station
Tons: 0.1
Year: 2000
Generator EPA ID: CAL000139100
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD028409019
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 223
State Waste Code Desc.: Unspecified oil-containing waste
Method Code: T01
Method Description: Treatment, tank
Tons: 0.1668
Year: 2000
Generator EPA ID: CAL000139100
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD028409019
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 291
State Waste Code Desc.: Latex waste
Method Code: H01
Method Description: Transfer station
Tons: 0.0015
Year: 2000
Generator EPA ID: CAL000139100
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD028409019
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 135
State Waste Code Desc.: Unspecified aqueous solution
Method Code: H01
Method Description: Transfer station

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Tons:	0.231
Year:	2001
Generator EPA ID:	CAL000139100
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	135
State Waste Code Desc.:	Unspecified aqueous solution
Method Code:	T01
Method Description:	Treatment, tank
Tons:	0.231
Year:	2002
Generator EPA ID:	CAL000139100
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	R01
Method Description:	Recycler
Tons:	4.08
Year:	2002

4	12 of 17	NNE	0.01 / 63.32	124.92	**LAX AUTO SERVICE** **603 N SEPULVEDA BLVD** **EL SEGUNDO CA 902453423**	HAZNET

SIC Code:	7538	**Mailing City:**	*EL SEGUNDO*
NAICS Code:	811111	**Mailing State:**	*CA*
EPA ID:	CAL000319128	**Mailing Zip:**	*902453423*
Create Date:	4/30/2007 2:51:59 PM	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*RAZMIK SINANYAN*
Inact Date:	6/30/2008	**Owner Addr 1:**	*1205 VIRGINIA AVE APT 2*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*GLENDALE*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	603 N SEPULVEDA BLVD	**Owner Zip:**	*912022166*
Mailing Addr 2:		**Owner Phone:**	*8182430204*
Owner Fax:			

Contact Information

--	--
Contact Name:	RAZMIK SINANYAN
Street Address 1:	603 N SEPULVEDA BLVD
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	902453423
Phone:	3105249249

4	13 of 17	NNE	0.01 / 63.32	124.92	**1X AIRPORT UNOCAL** **603 NORTH SEPULVEDA_BLVD** **EL SEGUNDO CA 902450000**	HAZNET

SIC Code:		**Mailing City:**	*EL SEGUNDO*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAC000296489	**Mailing Zip:**	*902450000*
Create Date:	7/2/1990	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*JIM MAJDI*
Inact Date:	10/25/2000	**Owner Addr 1:**	*--*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Mail Name:
Mailing Addr 1: 603 NORTH SEPULVEDA BLVD
Mailing Addr 2:
Owner Fax:
Owner State: 99
Owner Zip: --
Owner Phone: 0000000000

Contact Information
-- --
Contact Name: JACK SUTALO/ MGR
Street Address 1: --
Street Address 2:
City: --
State: 99
Zip: --
Phone: 2136151015

---

4 | **14 of 17** | **NNE** | **0.01 / 63.32** | **124.92** | **CONOCO PHILLIPS #255866**
603 N SEPULVEDA BLVD
EL SEGUNDO CA 90245 | **HAZNET**

SIC Code: 5541
NAICS Code: 44711
EPA ID: CAL000283206
Create Date: 6/17/2004 11:36:55 AM
Fac Act Ind: No
Inact Date: 6/30/2005
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: 600 N DAIRY ASHFORD-PO 3014A
Mailing Addr 2:
Owner Fax:
Mailing City: HOUSTON
Mailing State: TX
Mailing Zip: 77079
Region Code: 3
Owner Name: CONOCO PHILLIPS
Owner Addr 1: 600 N DAIRY ASHFORD-MO 1001
Owner Addr 2:
Owner City: HOUSTON
Owner State: TX
Owner Zip: 77079
Owner Phone: 2812933723

Contact Information
-- --
Contact Name: DANELLE EICHHORST
Street Address 1: 600 N DAIRY ASHFORD-MO 1002
Street Address 2:
City: HOUSTON
State: TX
Zip: 77079
Phone: 2812933723

---

4 | **15 of 17** | **NNE** | **0.01 / 63.32** | **124.92** | **Airport Five Star**
603 N. Sepulveda Blvd.
El Segundo CA 90245 | **ELSEGUNDO UST**

Permit:
Type: Closed Tanks
Inspected:
Petroleum:
Haz Substance: 1
State:
Extra Comments:
Removal Date:
Closure Date: Unknown
A1998:
Inspection Due:
State ID: 009969

---

4 | **16 of 17** | **NNE** | **0.01 / 63.32** | **124.92** | **Tosco/Unocal # 5866**
603 N. Sepulveda Blvd.
El Segundo CA 90245 | **ELSEGUNDO UST**

Permit:
Type: Closed Tanks
Inspected:
Petroleum: 3
Haz Substance:
State:
Removal Date:
Closure Date: 7/12/1996
A1998:
Inspection Due:
State ID:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Extra Comments:						

4	17 of 17	NNE	0.01 / 63.32	124.92	**Airport Five Star** **603 N. Sepulveda Blvd.** **CA**	**ELSEGUNDO UST**

Permit: 30-0140
Type: Open Tanks
Inspected:
Petroleum: 2
Haz Substance:
State:
Extra Comments:

Removal Date:
Closure Date:
A1998: 15651
Inspection Due:
State ID: 009969

5	1 of 1	NNE	0.01 / 75.68	125.34	**UNOCAL #5866** **603 SEPULVEDA BLVD N** **EL SEGUNDO CA 90245**	**LUST**

Global ID: T0603703539
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1996-07-12 00:00:00
RB Case No: I-09969
LOC Case No:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: YR
Local Agency: EL SEGUNDO, CITY OF
Potential Cntm of Concrn: Gasoline
Potential Media Affected: Soil
How Discovered Description:
Stop Description:
Site History:

CUF Case: YES
Begin Date: 1990-11-27 00:00:00
How Discovered: Tank Closure
Stop Method:
County: Los Angeles
Latitude: 33.923772
Longitude: -118.3963763
File Location:

Status History
--
Status: Open - Case Begin Date
Status Date: 1990-11-27 00:00:00
--
Status: Open - Site Assessment
Status Date: 1990-12-04 00:00:00
--
Status: Completed - Case Closed
Status Date: 1996-07-12 00:00:00
--
Activities
--
Action Type: Other
Date: 1990-11-27 00:00:00
Action: Leak Stopped
--
Action Type: Other
Date: 1990-11-27 00:00:00
Action: Leak Discovery
--
Action Type: Other
Date: 1990-12-04 00:00:00
Action: Leak Reported
--
Contact Information
--
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	
--	--
Contact Type:	Local Agency Caseworker
Contact Name:	STEVE TSUMURA
Organization Name:	EL SEGUNDO, CITY OF
Address:	314 MAIN STREET
City:	EL SEGUNDO
Email:	stsumura@elsegundo.org
Phone Number:	
--	--

6	1 of 1	SSE	0.02 / 81.91	118.96	**RUBIO'S** **400 N SEPULVEDA BLVD STE C** **EL SEGUNDO CA 90245**	FINDS/FRS

Registry ID:	110065194701
FIPS Code:	
Program Acronyms:	CA-ENVIROVIEW
HUC Code:	18070104
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
Source:	
County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	10-OCT-2015 09:52:32
Census Block Code:	060379800131012
Update Date:	
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.92086
Longitude:	-118.39618
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	50
Datum:	NAD83
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Interest Types:	STATE MASTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110065194701

7	1 of 2	ENE	0.02 / 84.34	120.84	**RALPHS GROCERY #645** **500 N. SEPULVEDA BLVD.** **EL SEGUNDO CA 90245**	FINDS/FRS

Registry ID:	110055904099
FIPS Code:	19
Program Acronyms:	CA-CERS, CA-ENVIROVIEW
HUC Code:	18070104
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
Source:	
County Name:	LOS ANGELES
SIC Codes:	5411

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

SIC Code Descriptions:	GROCERY STORES
NAICS Codes:	447110
Federal Facility Code:	
NAICS Code Descriptions:	GASOLINE STATIONS WITH CONVENIENCE STORES.
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	15-SEP-2013 14:19:32
Census Block Code:	060379800131012
Update Date:	10-OCT-2015 08:34:17
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.9224
Longitude:	-118.39556
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Reference Point:	CENTER OF A FACILITY OR STATION
Interest Types:	STATE MASTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110055904099

7	2 of 2	ENE	0.02 / 84.34	120.84	**RALPHS GROCERY #645** **500 N SEPULVEDA BLVD** **EL SEGUNDO CA 902454447**	HAZNET

SIC Code:	5399,5411	**Mailing City:**	*LOS ANGELES*
NAICS Code:	45291	**Mailing State:**	*CA*
EPA ID:	CAL000320877	**Mailing Zip:**	*900540000*
Create Date:	6/18/2007	**Region Code:**	*3*
Fac Act Ind:	Yes	**Owner Name:**	*RALPHS GROCERY CO*
Inact Date:		**Owner Addr 1:**	*PO BOX 54143*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*LOS ANGELES*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	P.O. BOX 54143	**Owner Zip:**	*900540000*
Mailing Addr 2:		**Owner Phone:**	*3108844016*
Owner Fax:			

Contact Information

--	--
Contact Name:	SHERRIE WALTERS
Street Address 1:	1100 W. ARTESIA BLVD.
Street Address 2:	
City:	COMPTON
State:	CA
Zip:	90220
Phone:	3108844016
--	--

Tanner Information

--	--
Generator EPA ID:	CAL000320877
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0025
Year:	2010
Generator EPA ID:	CAL000320877

Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.024
Year: 2010
Generator EPA ID: CAL000320877
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 141
State Waste Code Desc.: Off-specification, aged or surplus inorganics
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.003
Year: 2010
Generator EPA ID: CAL000320877
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19
TSD County: Los Angeles
State Waste Code:
State Waste Code Desc.:
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:
Year: 2011
Generator EPA ID: CAL000320877
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: H061
Method Description: FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons: 0.003
Year: 2011
Generator EPA ID: CAL000320877
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.023
Year: 2011
Generator EPA ID: CAL000320877
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19

TSD County:	Los Angeles
State Waste Code:	141
State Waste Code Desc.:	Off-specification, aged or surplus inorganics
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.004
Year:	2011
Generator EPA ID:	CAL000320877
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.001
Year:	2012
Generator EPA ID:	CAL000320877
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.016
Year:	2012
Generator EPA ID:	CAL000320877
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	311
State Waste Code Desc.:	Pharmaceutical waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.002
Year:	2012
Generator EPA ID:	CAL000320877
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	311
State Waste Code Desc.:	Pharmaceutical waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.001
Year:	2013
Generator EPA ID:	CAL000320877
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste

Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.003
Year: 2013
Generator EPA ID: CAL000320877
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: H061
Method Description: FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons: 0.003
Year: 2013
Generator EPA ID: CAL000320877
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.014
Year: 2013
Generator EPA ID: CAL000320877
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 141
State Waste Code Desc.: Off-specification, aged or surplus inorganics
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.002
Year: 2014
Generator EPA ID: CAL000320877
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.0055
Year: 2014
Generator EPA ID: CAL000320877
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 311
State Waste Code Desc.: Pharmaceutical waste
Method Code:
Method Description:
Tons: 0.0005
Year: 2014

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Generator EPA ID:	CAL000320877
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	311
State Waste Code Desc.:	Pharmaceutical waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.003
Year:	2014
Generator EPA ID:	CAL000320877
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.009
Year:	2014
Generator EPA ID:	CAL000320877
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	MID980991566
TSD County Code:	
TSD County:	
State Waste Code:	311
State Waste Code Desc.:	Pharmaceutical waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0025
Year:	2015
Generator EPA ID:	CAL000320877
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	OKD000402396
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	141
State Waste Code Desc.:	Off-specification, aged or surplus inorganics
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0005
Year:	2015
Generator EPA ID:	CAL000320877
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	OKD000402396
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0235
Year:	2015

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
8	1 of 2	NNE	0.02 / 87.09	131.16	THE HERTZ CORPORATION 540 N. SEPULVEDA BLVD EL SEGUNDO CA 90245	HHSS

County: Los Angeles
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028b96.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
8	2 of 2	NNE	0.02 / 87.09	131.16	540 N SEPULVEDA BLVD EL SEGUNDO CA 90245	LA HMS

Site No: 009304
Area: 2N

--Details--
File No: 009105
File Name: OVERTON MOORE & ASSOCIATES
Permit No:
Permit Code:
Permit Category Desc:
Permit Status Code:
Permit Status Desc:
Permit Type:
Permit Type Desc:
Status Code: CLOS
Status Desc: Permit Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
9	1 of 3	SSE	0.02 / 98.51	122.57	LAX BUSINESS CENTER 300, 360 & 390 N. SEPULVEDA BL GRAND AVENUE EL SEGUNDO CA 90245	HHSS

County: Los Angeles
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026699.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
9	2 of 3	SSE	0.02 / 98.51	122.57	US HEALTHWORKS - LAX 390 N SEPULVEDA BLVD STE 1000 EL SEGUNDO CA 90245	HAZNET

SIC Code: 8011
NAICS Code: 621493
EPA ID: CAL000373082
Create Date: 3/26/2012
Fac Act Ind: Yes
Inact Date:
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: 390 N SEPULVEDA BLVD STE 1000
Mailing Addr 2:
Owner Fax: 6616782700

Mailing City: *EL SEGUNDO*
Mailing State: *CA*
Mailing Zip: *902450000*
Region Code: *3*
Owner Name: *US HEALTHWORKS MEDICAL GROUP*
Owner Addr 1: *25124 SPRINGFIELD CT STE 220*
Owner Addr 2:
Owner City: *VALENCIA*
Owner State: *CA*
Owner Zip: *913550000*
Owner Phone: *6616782600*

Contact Information
-- --
Contact Name: JANET LANOYE
Street Address 1: 390 N. SEPULVEDA BLVD, SUITE 1000
Street Address 2:
City: EL SEGUNDO
State: CA
Zip: 90245
Phone: 3106409911

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
9	3 of 3	SSE	0.02 / 98.51	122.57	NANOWAVE INC 390 N. SEPULVEDA BLVD STE 2070 EL SEGUNDO CA 90245	HAZNET

SIC Code:	1731	**Mailing City:**	*EL SEGUNDO*
NAICS Code:	23531	**Mailing State:**	*CA*
EPA ID:	CAL000248360	**Mailing Zip:**	*90245*
Create Date:	3/20/2002 3:33:01 PM	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*Nanowave Inc*
Inact Date:	3/21/2003	**Owner Addr 1:**	*390 N. Sepulveda Blvd Ste 2070*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*EL SEGUNDO*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	390 N. Sepulveda Blvd Ste 2070	**Owner Zip:**	*90245*
Mailing Addr 2:		**Owner Phone:**	*3104143578*
Owner Fax:			

Contact Information

--	--
Contact Name:	Carol Gerard
Street Address 1:	390 N. Sepulveda Blvd Ste 2070
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	90245
Phone:	3104143575
--	--

Tanner Information

--	--
Generator EPA ID:	CAL000248360
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	551
State Waste Code Desc.:	Laboratory waste chemicals
Method Code:	H01
Method Description:	Transfer station
Tons:	0.075
Year:	2003
Generator EPA ID:	CAL000248360
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	551
State Waste Code Desc.:	Laboratory waste chemicals
Method Code:	R01
Method Description:	Recycler
Tons:	0.02
Year:	2003

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
10	1 of 11	SSE	0.02 / 114.83	123.00	El Segundo DFD 360 N Sepulveda El Segundo CA 90245	CHMIRS

ID:	07-4022	**Notified Date:**	*7/5/2007 14:58*
Control No:	'07-4022	**Notified Date Time:**	
Year:	2007	**County:**	*Los Angeles County*

California Hazardous Material Incident Report System

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Contained:	Yes
Water Involved:	No
Water Way:	
Drinking Water Impacted:	
Known Impact:	
Incident Date:	7/5/2007
Incident Time:	950
Spill Site:	Merchant/Business
Injuries?:	
Injuries Number:	0
Fatals?:	
Fatals Number:	0
Evacs?:	
Evacs Number:	0
Clean Up:	Reporting Party
Admin Agency:	El Segundo Fire Department
Site:	
Cause:	
DOG Number:	
1 Substance:	
1 Quantity:	40
1 Measure:	Gal(s)
1 Type:	PETROLEUM
1 Other:	
1 Pipeline:	
1 Vessel >= 300 Tons:	
2 Substance:	
2 Quantity:	
2 Measure:	
2 Type:	
2 Other:	
2 Pipeline:	
2 Vessel >= 300 Tons:	
3 Substance:	
3 Quantity:	
3 Measure:	
3 Type:	
3 Other:	
3 Pipeline:	
3 Vessel >= 300 Tons:	
Barrels:	
Cups:	
Cubic Ft:	
Gallons:	
Grams:	
Lbs:	
Liters:	
Ozs:	
Pts:	
Qts:	
Sheen:	
Tons:	
Unknown:	
Cause Other:	
Notification Area:	AA/CUPA,DFG-OSPR,DTSC,RWQCB,US EPA,USFWS
Description:	
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
10	2 of 11	SSE	0.02 / 114.83	123.00	HUGHES AIRCRAFT CO EDSG 360 N. SEPULVEDA BLVD EL SEGUNDO CA 90245	FINDS/FRS

Registry ID:	110002693559
FIPS Code:	06037
Program Acronyms:	RCRAINFO
HUC Code:	18070104
Site Type Name:	STATIONARY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

EPA Region Code:	09
Conveyor:	FRS-GEOCODE
Source:	
County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	01-MAR-2000 00:00:00
Census Block Code:	060379800131012
Update Date:	08-AUG-2010 18:19:50
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.920589
Longitude:	-118.396135
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	50
Datum:	NAD83
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Interest Types:	SQG
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002693559

10	***3 of 11***	***SSE***	***0.02 / 114.83***	***123.00***	***360 N SEPULVEDA BLVD EL SEGUNDO CA 902450000***	***HIST MANIFEST***

Gen EPA ID:	CAX000243584
Create Date:	07/09/1985 0:00
Inact Date:	4/30/1986 0:00:00
Facility Mail Street:	STEVEN M LICHTEN
Facility Mail City:	EL SEGUNDO
Facility Mail State:	CA
Facility Mail Zip:	902450000
Contact Phone(s):	2136165871
File Year(s):	1986
Contact Name(s):	STEVEN M LICHTEN
Tanner Information	
--	--
Generator EPA ID:	CAX000243584
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:	99
Method Description:	
Tons:	0.12
Year:	1986
--	--
Generator EPA ID:	CAX000243584
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	
TSD County Code:	0
TSD County:	
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:	99

Method Description:	
Tons:	0.06
Year:	1986
--	--
Generator EPA ID:	CAX000243584
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000230
TSD County Code:	0
TSD County:	
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:	99
Method Description:	
Tons:	0.04
Year:	1986
--	--
Generator EPA ID:	CAX000243584
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:	
Method Description:	
Tons:	0.02
Year:	1986
--	--
Generator EPA ID:	CAX000243584
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.35
Year:	1986
--	--
Generator EPA ID:	CAX000243584
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	212
State Waste Code Desc.:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.03
Year:	1986
--	--
Generator EPA ID:	CAX000243584
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.02
Year:	1986

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

--	--
Generator EPA ID:	CAX000243584
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1986
--	--
Generator EPA ID:	CAX000243584
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	
TSD County Code:	0
TSD County:	
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1986
--	--
Generator EPA ID:	CAX000243584
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000230
TSD County Code:	0
TSD County:	
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1986
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
10	4 of 11	SSE	0.02 / 114.83	123.00	360 N SEPULVEDA BLVD EL SEGUNDO CA 90245	LA HMS

Site No:	012063
Area:	2N

--Details--

File No:	012164
File Name:	LAX BUSINESS CENTER
Permit No:	00003788T
Permit Code:	T
Permit Category Desc:	Underground Storage Tank
Permit Status Code:	CLOS
Permit Status Desc:	Permit Closed
Permit Type:	0
Permit Type Desc:	Underground Storage Tank Operating Permit
Status Code:	CLOS
Status Desc:	Permit Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
10	5 of 11	SSE	0.02 / 114.83	123.00	DWF IV 300 N SEPULVEDA, LLC 360 N SEPULVEDA BLVD STE 1010 EL SEGUNDO CA 902454413	HAZNET

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

SIC Code:
NAICS Code:
EPA ID: CAC002804109
Create Date: 2/17/2015
Fac Act Ind: No
Inact Date: 5/19/2015
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: 360 N SEPULVEDA BLVD STE 1010
Mailing Addr 2:
Owner Fax:

Mailing City: EL SEGUNDO
Mailing State: CA
Mailing Zip: 902454413
Region Code: 3
Owner Name: DIVCOWEST
Owner Addr 1: 575 MARKET ST FL 35
Owner Addr 2:
Owner City: SAN FRANCISCO
Owner State: CA
Owner Zip: 941052893
Owner Phone: 4152845700

Contact Information
-- --
Contact Name: AMANDA MENCHACA
Street Address 1: 360 N SEPULVEDA BLVD STE 1010
Street Address 2:
City: EL SEGUNDO
State: CA
Zip: 902454413
Phone: 3106400236

10	6 of 11	SSE	0.02 / 114.83	123.00	**HUGHES AIRCRAFT CO-EDSG** **360 N. SEPULVEDA BLVD** **EL SEGUNDO CA 902450000**	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAD981397961
Create Date: 4/10/1987
Fac Act Ind: No
Inact Date: 6/30/1995
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: PO BOX 902, E-8, G-113
Mailing Addr 2:
Owner Fax:

Mailing City: EL SEGUNDO
Mailing State: CA
Mailing Zip: 902450000
Region Code: 3
Owner Name: --
Owner Addr 1: --
Owner Addr 2:
Owner City: --
Owner State: 99
Owner Zip: --
Owner Phone: 0000000000

Contact Information
-- --
Contact Name: INACTIVE PER 95 FEE FORM
Street Address 1: --
Street Address 2:
City: --
State: 99
Zip: --
Phone: --

10	7 of 11	SSE	0.02 / 114.83	123.00	**HUGHES AIRCRAFT CO** **360 N SEPULVEDA BLVD** **EL SEGUNDO CA 902450000**	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAX000243584
Create Date: 7/9/1985
Fac Act Ind: No
Inact Date: 4/30/1986
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: STEVEN M LICHTEN
Mailing Addr 2:

Mailing City: EL SEGUNDO
Mailing State: CA
Mailing Zip: 902450000
Region Code: 3
Owner Name: --
Owner Addr 1: --
Owner Addr 2:
Owner City: --
Owner State: 99
Owner Zip: --
Owner Phone: 0000000000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Owner Fax:

Contact Information

--	--
Contact Name:	STEVEN M LICHTEN
Street Address 1:	--
Street Address 2:	
City:	--
State:	99
Zip:	--
Phone:	2136165871

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
10	8 of 11	SSE	0.02 / 114.83	123.00	**BODY WIZARD MEDICINE** **360 N SEPULVEDA BLVD STE 1030** **EL SEGUNDO CA 902454460**	HAZNET

SIC Code:		**Mailing City:**	*EL SEGUNDO*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAL000143762	**Mailing Zip:**	*902454460*
Create Date:	4/16/1996	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*JOHN D. FRANKS, D.C.*
Inact Date:	6/30/2001	**Owner Addr 1:**	*360 N SEPULVEDA BLVD STE 1030*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*EL SEGUNDO*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	360 N SEPULVEDA BLVD STE 1005	**Owner Zip:**	*902454460*
Mailing Addr 2:		**Owner Phone:**	*0000000000*
Owner Fax:			

Contact Information

--	--
Contact Name:	JOHN D. FRANKS, D.C., OWNER
Street Address 1:	360 N SEPULVEDA BLVD STE 1030
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	902454460
Phone:	3106403771
--	--

Tanner Information

--	--
Generator EPA ID:	CAL000143762
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAL000121946
TSD County Code:	21
TSD County:	Marin
State Waste Code:	541
State Waste Code Desc.:	Photochemicals/photoprocessing waste
Method Code:	R01
Method Description:	Recycler
Tons:	0.025
Year:	1996

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
10	9 of 11	SSE	0.02 / 114.83	123.00	**ROYAL PAPER INC** **360 N SEPULVEDA BLVD** **EL SEGUNDO CA 902454460**	HAZNET

SIC Code:		**Mailing City:**	*SANTA FE SPRINGS*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAC002618609	**Mailing Zip:**	*90670*
Create Date:	7/5/2007	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*ROYAL PAPER INC*
Inact Date:	1/2/2008	**Owner Addr 1:**	*15050 SHOEMAKER AVE*
County Code:	19	**Owner Addr 2:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

County Name:	Los Angeles	**Owner City:**	*SANTA FE SPRINGS*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	15050 SHOEMAKER AVE	**Owner Zip:**	*90670*
Mailing Addr 2:		**Owner Phone:**	*5625774961*
Owner Fax:			

Contact Information	
--	--
Contact Name:	DANNY LECLERC
Street Address 1:	15050 SHOEMAKER AVE
Street Address 2:	
City:	SANTA FE SPRINGS
State:	CA
Zip:	90670
Phone:	5625774961
--	--
Tanner Information	
--	--
Generator EPA ID:	CAC002618609
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	H135
Method Description:	DISCHARGE TO SEWER/POTW OR NPDES(WITH PRIOR STORAGE--WITH OR WITHOUT TREATMENT)
Tons:	0.374
Year:	2007
Generator EPA ID:	CAC002618609
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.4
Year:	2007

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
10	10 of 11	SSE	0.02 / 114.83	123.00	**HUGHES AIRCRAFT CO EDSG** **360 N. SEPULVEDA BLVD** **EL SEGUNDO CA 90245**	RCRA SQG

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAD981397961
Current Site Name:	HUGHES AIRCRAFT CO EDSG
Generator Status Universe:	Small Quantity Generator
Land Type:	Other
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: 360 N SEPULVEDA BLVD, EL SEGUNDO, CA, 90245,
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 360 N. SEPULVEDA BLVD, EL SEGUNDO, CA, 90245, US
Contact Email:
Location Street 2:

-- --
Owner/Operator Information
-- --
Owner/Operator Indicator: CO
Owner/Operator Name: LAX BUSINESS CENTER
Owner/Operator Address: NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone: 4155551212
Owner/Operator Type: P
Date Became Current:
Date Ended Current:
-- --
Owner/Operator Indicator: CP
Owner/Operator Name: NOT REQUIRED
Owner/Operator Address: NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone: 4155551212
Owner/Operator Type: P
Date Became Current:
Date Ended Current:
-- --
Handler Information
-- --
Date Received: 19860422
Facility Name: HUGHES AIRCRAFT CO EDSG
Classification: Small Quantity Generator
-- --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
10	11 of 11	SSE	0.02 / 114.83	123.00	LAX Business Center 360 N. Sepulveda Blvd. El Segundo CA 90245	ELSEGUNDO UST

Permit:
Type: Closed Tanks
Inspected:
Petroleum: 1
Haz Substance:
State:
Extra Comments:

Removal Date:
Closure Date: 12/31/1986
A1998:
Inspection Due:
State ID:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
11	1 of 1	N	0.02 / 115.14	126.01	7-ELEVEN 39399 601 SEPULVEDA BLVD EL SEGUNDO CA 90245	FINDS/FRS

Registry ID: 110066248493
FIPS Code:
Program Acronyms: CA-ENVIROVIEW
HUC Code: 18070104
Site Type Name: STATIONARY
EPA Region Code: 09
Conveyor: FRS-GEOCODE
Source:
County Name: LOS ANGELES
SIC Codes:
SIC Code Descriptions:
NAICS Codes:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Federal Facility Code:
NAICS Code Descriptions:
Federal Agency Name:
US/Mexico Border Ind:
Congressional Dist No: 36
Create Date: 14-OCT-2015 10:37:48
Census Block Code: 060379800301000
Update Date:
Location Description:
Supplemental Location:
Tribal Land Code:
Tribal Land Name:
Latitude: 33.90626
Longitude: -118.39611
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 50
Datum: NAD83
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Interest Types: STATE MASTER
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066248493

12	1 of 3	SSE	0.03 / 179.34	116.42	**EVSP WALGREENS** **331 N Sepulveda Blvd** **El Segundo CA 90245**	ALT FUELS

Fuel Type Code: ELEC
Status Code: E
Owner Type Code:
Federal Agency ID:
Fed Agency Name:
Open Date:
Expected Date:
Groups w Acc Cd: Public
Geocode Status: GPS
Latitude: 33.920674
Longitude: -118.3967048
Dt Last Confirmed: 11/3/2016
ID: 43815
Updated At: 2016-11-03 08:26:36 UTC
Station Phone: 888-758-4389
Cards Accepted:
Hydrogen Status Link:
BD Blends:
NG Fill Type Code:
NG PSI:
NG Vehicle Class:
EV Lvl1 EVSE No:
EV Lvl2 EVSE No: *1*
EV DC Fast Count:
EV Other Info:
EV Network: *ChargePoint Network*
EV Network Web: *http://www.chargepoint.com/*
EV Connector Tp: *J1772*
LPG Primary:
E85 Blender Pump:
Plus4:
Intersection Directions: STORE 9882; The station is located right of the store's entrance
Access Days Time: 24 hours daily

12	2 of 3	SSE	0.03 / 179.34	116.42	**WALGREENS #9882** **331 N SEPULVEDA BLVD** **EL SEGUNDO CA 90245**	FINDS/FRS

Registry ID: 110055853358
FIPS Code: 19
Program Acronyms: CA-CERS, CA-ENVIROVIEW, RCRAINFO
HUC Code: 18070104
Site Type Name: STATIONARY
EPA Region Code: 09
Conveyor: FRS-GEOCODE
Source:
County Name: LOS ANGELES
SIC Codes: 5912
SIC Code Descriptions: DRUG STORES AND PROPRIETARY STORES
NAICS Codes: 446110
Federal Facility Code:
NAICS Code Descriptions: PHARMACIES AND DRUG STORES.
Federal Agency Name:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	15-SEP-2013 13:34:28
Census Block Code:	060376200022015
Update Date:	29-JUL-2016 12:37:34
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.92043
Longitude:	-118.39653
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Reference Point:	CENTER OF A FACILITY OR STATION
Interest Types:	CESQG, STATE MASTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110055853358

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12 | ***3 of 3*** | ***SSE*** | ***0.03 / 179.34*** | ***116.42*** | ***WALGREENS #9882***
331 N SEPULVEDA BLVD
EL SEGUNDO CA 90245 | ***HAZNET***

SIC Code:	5912	**Mailing City:**	*CARLSBAD*
NAICS Code:	44611	**Mailing State:**	*CA*
EPA ID:	CAL000327767	**Mailing Zip:**	*920100000*
Create Date:	12/12/2007	**Region Code:**	*3*
Fac Act Ind:	Yes	**Owner Name:**	*WALGREEN CO.*
Inact Date:		**Owner Addr 1:**	*200 WILMOT RD.*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*DEERFIELD*
Mail Name:	REGULATORY DEPARTMENT	**Owner State:**	*IL*
Mailing Addr 1:	3207 GREY HAWK CT., SUITE 200	**Owner Zip:**	*600150000*
Mailing Addr 2:		**Owner Phone:**	*8479142264*
Owner Fax:			

Contact Information

--	--
Contact Name:	REBECCA LEE-GALE
Street Address 1:	3207 GREY HAWK CT., SUITE 200
Street Address 2:	
City:	CARLSBAD
State:	CA
Zip:	92010
Phone:	7606028700
--	--

Tanner Information

--	--
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	OHD083377010
TSD County Code:	
TSD County:	
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	H061
Method Description:	FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons:	0.0105
Year:	2009
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	SCR000770073
TSD County Code:	
TSD County:	
State Waste Code:	135

State Waste Code Desc.: Unspecified aqueous solution
Method Code:
Method Description:
Tons: 0.0245
Year: 2009
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: SCR000770073
TSD County Code:
TSD County:
State Waste Code: 311
State Waste Code Desc.: Pharmaceutical waste
Method Code:
Method Description:
Tons: 0.009
Year: 2009
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: OHD083377010
TSD County Code:
TSD County:
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0.0115
Year: 2010
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: OHD083377010
TSD County Code:
TSD County:
State Waste Code: 311
State Waste Code Desc.: Pharmaceutical waste
Method Code:
Method Description:
Tons: 0.0085
Year: 2010
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: OHD083377010
TSD County Code:
TSD County:
State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture
Method Code: H061
Method Description: FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons: 0.023
Year: 2010
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: OHD083377010
TSD County Code:
TSD County:
State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture
Method Code: H050
Method Description: ENERGY RECOVERY AT THIS SITE--USE AS FUEL(INCLUDES ON-SITE FUEL BLENDING)
Tons: 0.005
Year: 2010
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles

TSD EPA ID: OHD083377010
TSD County Code:
TSD County:
State Waste Code: 135
State Waste Code Desc.: Unspecified aqueous solution
Method Code:
Method Description:
Tons: 0.023
Year: 2010
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: SCR000770073
TSD County Code:
TSD County:
State Waste Code: 135
State Waste Code Desc.: Unspecified aqueous solution
Method Code:
Method Description:
Tons: 0.013
Year: 2010
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: SCR000770073
TSD County Code:
TSD County:
State Waste Code: 311
State Waste Code Desc.: Pharmaceutical waste
Method Code:
Method Description:
Tons: 0.02
Year: 2010
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: INR000110197
TSD County Code:
TSD County:
State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.0085
Year: 2011
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: INR000110197
TSD County Code:
TSD County:
State Waste Code: 311
State Waste Code Desc.: Pharmaceutical waste
Method Code:
Method Description:
Tons: 0.0205
Year: 2011
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: INR000110197
TSD County Code:
TSD County:
State Waste Code: 311
State Waste Code Desc.: Pharmaceutical waste
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-

H135)
Tons: 0.0025
Year: 2011
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: INR000110197
TSD County Code:
TSD County:
State Waste Code: 135
State Waste Code Desc.: Unspecified aqueous solution
Method Code:
Method Description:
Tons: 0.037
Year: 2011
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: OHD083377010
TSD County Code:
TSD County:
State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture
Method Code: H061
Method Description: FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons: 0.0055
Year: 2011
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: OHD083377010
TSD County Code:
TSD County:
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0.001
Year: 2011
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: OHD083377010
TSD County Code:
TSD County:
State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture
Method Code: H050
Method Description: ENERGY RECOVERY AT THIS SITE--USE AS FUEL(INCLUDES ON-SITE FUEL BLENDING)
Tons: 0.012
Year: 2011
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: OHD083377010
TSD County Code:
TSD County:
State Waste Code: 122
State Waste Code Desc.: Alkaline solution without metals pH >= 12.5
Method Code: H121
Method Description: NEUTRALIZATION ONLY
Tons: 0.0045
Year: 2011
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: INR000110197
TSD County Code:

TSD County:	
State Waste Code:	311
State Waste Code Desc.:	Pharmaceutical waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.003
Year:	2012
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	INR000110197
TSD County Code:	
TSD County:	
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0165
Year:	2012
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	INR000110197
TSD County Code:	
TSD County:	
State Waste Code:	131
State Waste Code Desc.:	Aqueous solution (2 < pH < 12.5) containing reactive anions ...
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.004
Year:	2012
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	INR000110197
TSD County Code:	
TSD County:	
State Waste Code:	122
State Waste Code Desc.:	Alkaline solution without metals pH >= 12.5
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.001
Year:	2012
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	INR000110197
TSD County Code:	
TSD County:	
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.013
Year:	2013
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	INR000110197
TSD County Code:	
TSD County:	
State Waste Code:	122
State Waste Code Desc.:	Alkaline solution without metals pH >= 12.5

Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0005
Year:	2013
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	INR000110197
TSD County Code:	
TSD County:	
State Waste Code:	791
State Waste Code Desc.:	Liquids with pH <= 2
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0035
Year:	2013
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	INR000110197
TSD County Code:	
TSD County:	
State Waste Code:	131
State Waste Code Desc.:	Aqueous solution (2 < pH < 12.5) containing reactive anions ...
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0015
Year:	2013
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	INR000110197
TSD County Code:	
TSD County:	
State Waste Code:	311
State Waste Code Desc.:	Pharmaceutical waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.002
Year:	2013
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	INR000110197
TSD County Code:	
TSD County:	
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0005
Year:	2013
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	131
State Waste Code Desc.:	Aqueous solution (2 < pH < 12.5) containing reactive anions ...
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)

Tons:	0.0025
Year:	2014
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.032
Year:	2014
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	311
State Waste Code Desc.:	Pharmaceutical waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0025
Year:	2014
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	INR000110197
TSD County Code:	
TSD County:	
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0.0075
Year:	2014
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	INR000110197
TSD County Code:	
TSD County:	
State Waste Code:	122
State Waste Code Desc.:	Alkaline solution without metals pH >= 12.5
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.011
Year:	2014
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	INR000110197
TSD County Code:	
TSD County:	
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.006
Year:	2014
Generator EPA ID:	CAL000327767
Generator County Code:	19

Generator County:	Los Angeles
TSD EPA ID:	INR000110197
TSD County Code:	
TSD County:	
State Waste Code:	311
State Waste Code Desc.:	Pharmaceutical waste
Method Code:	
Method Description:	
Tons:	0.001
Year:	2014
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	INR000110197
TSD County Code:	
TSD County:	
State Waste Code:	311
State Waste Code Desc.:	Pharmaceutical waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.001
Year:	2014
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	INR000110197
TSD County Code:	
TSD County:	
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	
Method Description:	
Tons:	0.029
Year:	2014
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	NVD980895338
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0005
Year:	2014
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	122
State Waste Code Desc.:	Alkaline solution without metals pH >= 12.5
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0025
Year:	2015
Generator EPA ID:	CAL000327767
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	131

State Waste Code Desc.: Aqueous solution (2 < pH < 12.5) containing reactive anions ...
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.0075
Year: 2015
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.0425
Year: 2015
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 311
State Waste Code Desc.: Pharmaceutical waste
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.002
Year: 2015
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 791
State Waste Code Desc.: Liquids with pH <= 2
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.005
Year: 2015
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: INR000110197
TSD County Code:
TSD County:
State Waste Code:
State Waste Code Desc.:
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.0055
Year: 2015
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: INR000110197
TSD County Code:
TSD County:
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

H135)
Tons: 0.007
Year: 2015
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: INR000110197
TSD County Code:
TSD County:
State Waste Code: 311
State Waste Code Desc.: Pharmaceutical waste
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.001
Year: 2015
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: NVD980895338
TSD County Code: 99
TSD County: Unknown
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.0015
Year: 2015
Generator EPA ID: CAL000327767
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: NVD980895338
TSD County Code: 99
TSD County: Unknown
State Waste Code: 232
State Waste Code Desc.: Pesticides and other waste associated with pesticide production
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.001
Year: 2015

13	1 of 6	SSW	0.04 / 196.79	108.94	el segundo fire dept 1720 e. holly st elsegundo CA	CHMIRS

ID: 94-5798
Control No: 5798
Year: 1994
Notified Date: 12/21/1994
Notified Date Time: 07:06:28 PM
County: LOS ANGELES

California Hazardous Material Incident Report System
-- --
Contained: YES
Water Involved: YES
Water Way: stormdrain
Drinking Water Impacted:
Known Impact:
Incident Date: 12/21/94 1406
Incident Time:
Spill Site:
Injuries?:
Injuries Number: NO
Fatals?:
Fatals Number: NO
Evacs?:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Evacs Number:	NO
Clean Up:	fire dept
Admin Agency:	
Site:	OTHER
Cause:	
DOG Number:	
1 Substance:	
1 Quantity:	unknown
1 Measure:	
1 Type:	OTHER
1 Other:	
1 Pipeline:	
1 Vessel >= 300 Tons:	
2 Substance:	
2 Quantity:	
2 Measure:	
2 Type:	
2 Other:	
2 Pipeline:	
2 Vessel >= 300 Tons:	
3 Substance:	
3 Quantity:	
3 Measure:	
3 Type:	
3 Other:	
3 Pipeline:	
3 Vessel >= 300 Tons:	
Barrels:	
Cups:	
Cubic Ft:	
Gallons:	
Grams:	
Lbs:	
Liters:	
Ozs:	
Pts:	
Qts:	
Sheen:	
Tons:	
Unknown:	
Cause Other:	
Notification Area:	
Description:	
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
13	2 of 6	SSW	0.04 / 196.79	108.94	SPECTRUM METAL FINISHERS INC 1720 EAST HOLLY AVENUE EL SEGUNDO CA 90245-4404	FINDS/FRS

Registry ID:	110012435178
FIPS Code:	06037
Program Acronyms:	EIS, RCRAINFO
HUC Code:	18070104
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
Source:	
County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	339910
Federal Facility Code:	
NAICS Code Descriptions:	JEWELRY AND SILVERWARE MANUFACTURING
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Create Date:	01-MAR-2000 00:00:00
Census Block Code:	060376200022016
Update Date:	14-APR-2015 21:17:45
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.920832
Longitude:	-118.39815
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	50
Datum:	NAD83
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Interest Types:	HAZARDOUS AIR POLLUTANT MAJOR, SQG
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110012435178

13	3 of 6	SSW	0.04 / 196.79	108.94	1720 E HOLLY AVE EL SEGUNDO CA 902450000	HIST MANIFEST

Gen EPA ID:	CAD009661802
Create Date:	7/23/1982 0:00:00
Inact Date:	6/30/1996 0:00:00
Facility Mail Street:	1720 E HOLLY AVE
Facility Mail City:	EL SEGUNDO
Facility Mail State:	CA
Facility Mail Zip:	902454404
Contact Phone(s):	2136151030
File Year(s):	1983; 1984; 1985; 1986; 1987; 1988; 1989; 1990
Contact Name(s):	UNDELIVERABLE 1996 FEES FORM

Tanner Information

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Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:	1
Method Description:	
Tons:	0.32
Year:	1988
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Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:	T03
Method Description:	Treatment, incineration
Tons:	0.22
Year:	1987
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Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)

Method Code:	R01
Method Description:	Recycler
Tons:	0.22
Year:	1984
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Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:	R01
Method Description:	Recycler
Tons:	0.41
Year:	1986
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Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:	R01
Method Description:	Recycler
Tons:	0.22
Year:	1989
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Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:	R01
Method Description:	Recycler
Tons:	0.45
Year:	1990
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Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD009452657
TSD County Code:	41
TSD County:	San Mateo
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:	R01
Method Description:	Recycler
Tons:	0.22
Year:	1986
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Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD042245001
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:	D99
Method Description:	Disposal, other
Tons:	1.25

Year:	1985
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Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	212
State Waste Code Desc.:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Code:	1
Method Description:	
Tons:	1
Year:	1986
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Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD040370645
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	14
Method Description:	
Tons:	1.18
Year:	1985
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Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	1
Method Description:	
Tons:	0.45
Year:	1986
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Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	T03
Method Description:	Treatment, incineration
Tons:	0.83
Year:	1986
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Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	R01
Method Description:	Recycler
Tons:	2.25
Year:	1983
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Generator EPA ID:	CAD009661802

Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	R01
Method Description:	Recycler
Tons:	0.66
Year:	1987
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Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	R01
Method Description:	Recycler
Tons:	0.62
Year:	1988
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Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	R01
Method Description:	Recycler
Tons:	0.45
Year:	1989
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Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	R01
Method Description:	Recycler
Tons:	0.68
Year:	1990
--	--
Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	1.12
Year:	1983
--	--
Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432

TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	D79
Method Description:	Disposal, injection well
Tons:	0.67
Year:	1984
--	--
Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	451
State Waste Code Desc.:	Degreasing sludge
Method Code:	R01
Method Description:	Recycler
Tons:	0.45
Year:	1983
--	--
Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	451
State Waste Code Desc.:	Degreasing sludge
Method Code:	D79
Method Description:	Disposal, injection well
Tons:	0.22
Year:	1984
--	--
Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1983
--	--
Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1984
--	--
Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD040370645
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	

State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1985
--	--
Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD042245001
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1985
--	--
Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1986
--	--
Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1986
--	--
Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1987
--	--
Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Tons:	0
Year:	1988
--	--
Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1989
--	--
Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1990
--	--
Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD009452657
TSD County Code:	41
TSD County:	San Mateo
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1986
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
13	4 of 6	SSW	0.04 / 196.79	108.94	1720 E HOLLY AVE EL SEGUNDO CA 90245	LA HMS

Site No:	008220
Area:	2N

--Details--

File No:	I08752
File Name:	SPECTRUM METAL FINISHERS
Permit No:	000010378
Permit Code:	I
Permit Category Desc:	Industrial Waste Permit
Permit Status Code:	CLOS
Permit Status Desc:	Permit Closed
Permit Type:	01
Permit Type Desc:	Operating Industrial Waste Permit - Local Sewer
Status Code:	CLOS
Status Desc:	Permit Closed
File No:	022288
File Name:	COAST ENAMELING
Permit No:	
Permit Code:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Permit Category Desc:
Permit Status Code:
Permit Status Desc:
Permit Type:
Permit Type Desc:
Status Code: OPEN
Status Desc: File Opened, no permit exists

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
13	5 of 6	SSW	0.04 / 196.79	108.94	SPECTRUM METAL FINISHERS INC 1720 E HOLLY AVE EL SEGUNDO CA 902450000	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAD009661802
Create Date: 7/23/1982
Fac Act Ind: No
Inact Date: 6/30/1996
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: 1720 E HOLLY AVE
Mailing Addr 2:
Owner Fax:

Mailing City: *EL SEGUNDO*
Mailing State: *CA*
Mailing Zip: *902454404*
Region Code: *3*
Owner Name: *LAMES PRATT*
Owner Addr 1: --
Owner Addr 2:
Owner City: --
Owner State: *99*
Owner Zip: --
Owner Phone: *0000000000*

Contact Information
-- --
Contact Name: UNDELIVERABLE 1996 FEES FORM
Street Address 1: 1720 E. HOLLY AVENUE
Street Address 2:
City: EL SEGUNDO
State: CA
Zip: 902450000
Phone: 2136151030
-- --
Tanner Information
-- --
Generator EPA ID: CAD009661802
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 211
State Waste Code Desc.: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code: R01
Method Description: Recycler
Tons: 0.2293
Year: 1993
Generator EPA ID: CAD009661802
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture
Method Code: R01
Method Description: Recycler
Tons: 0.198
Year: 1993
Generator EPA ID: CAD009661802
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432

TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture
Method Code: R01
Method Description: Recycler
Tons: 0.7776
Year: 1994
Generator EPA ID: CAD009661802
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 211
State Waste Code Desc.: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:
Method Description:
Tons: 0
Year: 1994
Generator EPA ID: CAD009661802
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 135
State Waste Code Desc.: Unspecified aqueous solution
Method Code: T01
Method Description: Treatment, tank
Tons: 0.21
Year: 1994
Generator EPA ID: CAD009661802
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008364432
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 211
State Waste Code Desc.: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code: R01
Method Description: Recycler
Tons: 0.4503
Year: 1995
Generator EPA ID: CAD009661802
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080022148
TSD County Code: 36
TSD County: San Bernardino
State Waste Code: 461
State Waste Code Desc.: Paint sludge
Method Code: H01
Method Description: Transfer station
Tons: 0.7714
Year: 1995
Generator EPA ID: CAD009661802
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080022148
TSD County Code: 36
TSD County: San Bernardino
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code: H01
Method Description: Transfer station
Tons: 1
Year: 1995

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080022148
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	212
State Waste Code Desc.:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Code:	H01
Method Description:	Transfer station
Tons:	0.1485
Year:	1995
Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080022148
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H01
Method Description:	Transfer station
Tons:	0.3375
Year:	1995
Generator EPA ID:	CAD009661802
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080022148
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	791
State Waste Code Desc.:	Liquids with pH <= 2
Method Code:	H01
Method Description:	Transfer station
Tons:	0.1
Year:	1995

13	*6 of 6*	*SSW*	*0.04 / 196.79*	*108.94*	***SPECTRUM METAL FINISHERS INC*** ***1720 E HOLLY AVE*** ***EL SEGUNDO CA 90245***	***RCRA SQG***

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAD009661802
Current Site Name:	SPECTRUM METAL FINISHERS INC
Generator Status Universe:	Small Quantity Generator
Land Type:	
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	1720 E HOLLY AVE, EL SEGUNDO, CA, 90245,

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Contact Name:	
Contact Address:	
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	NOT REQUIRED
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	JAMES PRATT
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
NAICS Information	
--	--
Naics Code:	33991
Naics Description:	JEWELRY AND SILVERWARE MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Handler Information	
--	--
Date Received:	19960901
Facility Name:	SPECTRUM METAL FINISHERS INC
Classification:	Small Quantity Generator
--	--
Date Received:	19800818
Facility Name:	SPECTRUM METAL FINISHERS INC
Classification:	Large Quantity Generator
--	--
Violation/Evaluation Information	
--	--
Evaluation Start Date:	19900308
Evaluation Agency:	B
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	19900308
Actual Return to Compliance Date:	19950308
Violation Responsible Agency:	S
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
14	1 of 4	SSE	0.04 / 208.68	120.54	TRW INC 300 N SEPULVEDA BLVD EL SEGUNDO CA 90245	FINDS/FRS

Registry ID:	110002738306

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

FIPS Code:	06037
Program Acronyms:	RCRAINFO
HUC Code:	18070104
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
Source:	
County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	01-MAR-2000 00:00:00
Census Block Code:	060379800131012
Update Date:	05-AUG-2010 09:21:31
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.92019
Longitude:	-118.39607
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Reference Point:	CENTER OF A FACILITY OR STATION
Interest Types:	UNSPECIFIED UNIVERSE
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002738306

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
14	2 of 4	SSE	0.04 / 208.68	120.54	**TRW INC** **300 N SEPULVEDA BLVD** **EL SEGUNDO CA 902450000**	HAZNET

SIC Code:		**Mailing City:**	*REDONDO BEACH*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAD981652803	**Mailing Zip:**	*902780000*
Create Date:	4/10/1987	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	--
Inact Date:	12/31/1899	**Owner Addr 1:**	--
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	--
Mail Name:		**Owner State:**	*99*
Mailing Addr 1:	ONE SPACE PARK 140/2302	**Owner Zip:**	--
Mailing Addr 2:		**Owner Phone:**	*0000000000*
Owner Fax:			

Contact Information

--	--
Contact Name:	INCTV PER DEBORAH WETHINGTON
Street Address 1:	PER PHN CONVO ON 6-5-95 (NJ)
Street Address 2:	
City:	--
State:	99
Zip:	--
Phone:	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
14	3 of 4	SSE	0.04 / 208.68	120.54	**T R W DEFENSE & ELECTRONICS SECTOR** **300 NO SEPULVEDA BLVD** **EL SEGUNDO CA 902780000**	HAZNET

SIC Code:		**Mailing City:**	*REDONDO BEACH*

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAX000216721	**Mailing Zip:**	*902780000*
Create Date:	5/8/1985	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*--*
Inact Date:	6/30/1998	**Owner Addr 1:**	*--*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*--*
Mail Name:		**Owner State:**	*99*
Mailing Addr 1:	ONE SPACE PARK	**Owner Zip:**	*--*
Mailing Addr 2:		**Owner Phone:**	*0000000000*
Owner Fax:			

Contact Information

--	--
Contact Name:	EDWARD M TORRES
Street Address 1:	INACT PER 98VQ FINAL NOTICE
Street Address 2:	- BATCH 4/27
City:	--
State:	99
Zip:	--
Phone:	2135351467

14	*4 of 4*	*SSE*	*0.04 / 208.68*	*120.54*	***TRW INC*** ***300 N SEPULVEDA BLVD*** ***EL SEGUNDO CA 90245***	***RCRA*** ***NON GEN***

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAD981652803
Current Site Name:	TRW INC
Generator Status Universe:	
Land Type:	Other
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	ONE SPACE PARK FIRST HUNDRED F,, REDONDO BEACH, CA, 90278,
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	300 N SEPULVEDA BLVD, EL SEGUNDO, CA, 90245, US
Contact Email:	
Location Street 2:	
--	--

Owner/Operator Information

--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	NOT REQUIRED
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Owner/Operator Indicator:	CO
Owner/Operator Name:	TRW INC
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Handler Information	
--	--
Date Received:	19860911
Facility Name:	TRW INC
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
15	1 of 5	SSW	0.04 / 214.25	108.94	NATION'S PRINTING CORP 1730 E HOLLY AVE EL SEGUNDO CA 90245-4497	FINDS/FRS

Registry ID:	110038078781
FIPS Code:	06037
Program Acronyms:	EIS
HUC Code:	18070104
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
Source:	
County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	323111
Federal Facility Code:	
NAICS Code Descriptions:	COMMERCIAL GRAVURE PRINTING.
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	18-FEB-2009 06:22:27
Census Block Code:	060376200022016
Update Date:	14-APR-2015 17:44:58
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.92083
Longitude:	-118.39786
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Reference Point:	CENTER OF A FACILITY OR STATION
Interest Types:	AIR EMISSIONS CLASSIFICATION UNKNOWN
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110038078781

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
15	2 of 5	SSW	0.04 / 214.25	108.94	1730 E HOLLY AVE EL SEGUNDO CA 902740000	HIST MANIFEST

Gen EPA ID:	CAD982048985
Create Date:	6/17/1988 0:00:00
Inact Date:	6/30/2005 15:01:00
Facility Mail Street:	1730 E HOLLY AVE
Facility Mail City:	EL SEGUNDO
Facility Mail State:	CA
Facility Mail Zip:	902450308
Contact Phone(s):	3106150177
File Year(s):	1989; 1990
Contact Name(s):	JAMES W TEMPLE- VICE PRES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Tanner Information

--	--
Generator EPA ID:	CAD982048985
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	0.22
Year:	1989
--	--
Generator EPA ID:	CAD982048985
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	222
State Waste Code Desc.:	Oil/water separation sludge
Method Code:	R01
Method Description:	Recycler
Tons:	0.2
Year:	1989
--	--
Generator EPA ID:	CAD982048985
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	R01
Method Description:	Recycler
Tons:	0.6
Year:	1989
--	--
Generator EPA ID:	CAD982048985
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	R01
Method Description:	Recycler
Tons:	0.32
Year:	1990
--	--
Generator EPA ID:	CAD982048985
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.2
Year:	1990
--	--
Generator EPA ID:	CAD982048985

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 241
State Waste Code Desc.: Tank bottom waste
Method Code: R01
Method Description: Recycler
Tons: 0.22
Year: 1989
-- --
Generator EPA ID: CAD982048985
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1989
-- --
Generator EPA ID: CAD982048985
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1990
-- --

15	3 of 5	SSW	0.04 / 214.25	108.94	1730 E HOLLY AVE EL SEGUNDO CA 90245	LA HMS

Site No: 008218
Area: 2N

--Details--
File No: I08750
File Name: NATIONS PRINTING CORP
Permit No: 000010320
Permit Code: I
Permit Category Desc: Industrial Waste Permit
Permit Status Code: REM
Permit Status Desc: Equipment Removed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Status Code: REM
Status Desc: Equipment Removed

15	4 of 5	SSW	0.04 / 214.25	108.94	PEGASUS PRESS 1730 E HOLLY AVE EL SEGUNDO CA 90245	HAZNET

SIC Code: 7334
NAICS Code: 323114
Mailing City: VAN NUYS
Mailing State: CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

EPA ID:	CAL000288388	**Mailing Zip:**	*914063807*
Create Date:	11/18/2004 3:04:02 PM	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*MICHAEL JACOBS*
Inact Date:	6/30/2010	**Owner Addr 1:**	*1730 E HOLLY AVE*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*EL SEGUNDO*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	7111 HAYVENHURST AVE	**Owner Zip:**	*902450000*
Mailing Addr 2:		**Owner Phone:**	*3106150177*
Owner Fax:	0000000000		

Contact Information

--	--
Contact Name:	MICHAEL A JACOBS/CEO
Street Address 1:	1730 E HOLLY AVE
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	902450000
Phone:	3106150177
--	--

Tanner Information

--	--
Generator EPA ID:	CAL000288388
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD981402522
TSD County Code:	15
TSD County:	Kern
State Waste Code:	541
State Waste Code Desc.:	Photochemicals/photoprocessing waste
Method Code:	R01
Method Description:	Recycler
Tons:	0.68805
Year:	2005
Generator EPA ID:	CAL000288388
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD981402522
TSD County Code:	15
TSD County:	Kern
State Waste Code:	
State Waste Code Desc.:	
Method Code:	H010
Method Description:	METALS RECOVERY INCLUDING RETORING,SMELTING,CHEMICALS,ECT
Tons:	0.22935
Year:	2006
Generator EPA ID:	CAL000288388
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD981402522
TSD County Code:	15
TSD County:	Kern
State Waste Code:	541
State Waste Code Desc.:	Photochemicals/photoprocessing waste
Method Code:	R01
Method Description:	Recycler
Tons:	0.4587
Year:	2006
Generator EPA ID:	CAL000288388
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD981402522
TSD County Code:	15
TSD County:	Kern
State Waste Code:	
State Waste Code Desc.:	
Method Code:	H010

Method Description: METALS RECOVERY INCLUDING RETORING,SMELTING,CHEMICALS,ECT
Tons: 0.9174
Year: 2007
Generator EPA ID: CAL000288388
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: TXD077603371
TSD County Code: 99
TSD County: Unknown
State Waste Code: 343
State Waste Code Desc.: Unspecified organic liquid mixture
Method Code: H061
Method Description: FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons: 0.229
Year: 2007
Generator EPA ID: CAL000288388
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD981402522
TSD County Code: 15
TSD County: Kern
State Waste Code:
State Waste Code Desc.:
Method Code: H010
Method Description: METALS RECOVERY INCLUDING RETORING,SMELTING,CHEMICALS,ECT
Tons: 0.9174
Year: 2008
Generator EPA ID: CAL000288388
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD981402522
TSD County Code: 15
TSD County: Kern
State Waste Code:
State Waste Code Desc.:
Method Code: H010
Method Description: METALS RECOVERY INCLUDING RETORING,SMELTING,CHEMICALS,ECT
Tons: 0.22935
Year: 2009
Generator EPA ID: CAL000288388
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT000613893
TSD County Code: 19
TSD County: Los Angeles
State Waste Code:
State Waste Code Desc.:
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.6672
Year: 2009
Generator EPA ID: CAL000288388
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: TXD077603371
TSD County Code: 99
TSD County: Unknown
State Waste Code: 741
State Waste Code Desc.: Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Code: H061
Method Description: FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons: 0.525
Year: 2009
Generator EPA ID: CAL000288388
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: TXD077603371

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

TSD County Code:	99
TSD County:	Unknown
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	H061
Method Description:	FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons:	0.4165
Year:	2009
Generator EPA ID:	CAL000288388
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000613893
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.46275
Year:	2010
Generator EPA ID:	CAL000288388
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000613893
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0.2085
Year:	2010
Generator EPA ID:	CAL000288388
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	TXD077603371
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	741
State Waste Code Desc.:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Code:	
Method Description:	
Tons:	
Year:	2010
Generator EPA ID:	CAL000288388
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	TXD077603371
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	H061
Method Description:	FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons:	0.46
Year:	2010

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
15	5 of 5	SSW	0.04 / 214.25	108.94	**NATIONS PRINTING CORP** **1730 E HOLLY AVE** **EL SEGUNDO CA 902740000**	HAZNET

SIC Code:	7334	**Mailing City:**	*EL SEGUNDO*
NAICS Code:	323114	**Mailing State:**	*CA*
EPA ID:	CAD982048985	**Mailing Zip:**	*902450308*
Create Date:	6/17/1988	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	--

Inact Date:	6/30/2005	***Owner Addr 1:***	--
County Code:	19	***Owner Addr 2:***	
County Name:	Los Angeles	***Owner City:***	--
Mail Name:		***Owner State:***	*99*
Mailing Addr 1:	1730 E HOLLY AVE	***Owner Zip:***	*902750000*
Mailing Addr 2:		***Owner Phone:***	*0000000000*
Owner Fax:			

Contact Information

--	--
Contact Name:	JAMES W TEMPLE- VICE PRES
Street Address 1:	1750 E HOLLY AVENUE NOTICE BATCH 4/
Street Address 2:	- BATCH 4/27
City:	EL SEGUNDO
State:	CA
Zip:	902450000
Phone:	3106150177
--	--

Tanner Information

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Generator EPA ID:	CAD982048985
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD009452657
TSD County Code:	41
TSD County:	San Mateo
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	R01
Method Description:	Recycler
Tons:	0.2
Year:	1995
Generator EPA ID:	CAD982048985
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000613976
TSD County Code:	30
TSD County:	Orange
State Waste Code:	
State Waste Code Desc.:	
Method Code:	R01
Method Description:	Recycler
Tons:	0
Year:	1995
Generator EPA ID:	CAD982048985
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000613976
TSD County Code:	30
TSD County:	Orange
State Waste Code:	541
State Waste Code Desc.:	Photochemicals/photoprocessing waste
Method Code:	
Method Description:	
Tons:	0.0208
Year:	1995
Generator EPA ID:	CAD982048985
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD009452657
TSD County Code:	41
TSD County:	San Mateo
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	R01
Method Description:	Recycler
Tons:	0.187
Year:	1996

Generator EPA ID:	CAD982048985
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000613976
TSD County Code:	30
TSD County:	Orange
State Waste Code:	541
State Waste Code Desc.:	Photochemicals/photoprocessing waste
Method Code:	H01
Method Description:	Transfer station
Tons:	0.1075
Year:	1996
Generator EPA ID:	CAD982048985
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	KSD980633259
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	
Method Description:	
Tons:	0.374
Year:	1996
Generator EPA ID:	CAD982048985
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000613976
TSD County Code:	30
TSD County:	Orange
State Waste Code:	541
State Waste Code Desc.:	Photochemicals/photoprocessing waste
Method Code:	H01
Method Description:	Transfer station
Tons:	0.2517
Year:	1997
Generator EPA ID:	CAD982048985
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	KSD980633259
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	
Method Description:	
Tons:	0.374
Year:	1997
Generator EPA ID:	CAD982048985
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000613976
TSD County Code:	30
TSD County:	Orange
State Waste Code:	541
State Waste Code Desc.:	Photochemicals/photoprocessing waste
Method Code:	H01
Method Description:	Transfer station
Tons:	0.2517
Year:	1998
Generator EPA ID:	CAD982048985
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	KSD980633259
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture

Method Code:
Method Description:
Tons: 0.748
Year: 1998
Generator EPA ID: CAD982048985
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: KSD980633259
TSD County Code: 99
TSD County: Unknown
State Waste Code: 343
State Waste Code Desc.: Unspecified organic liquid mixture
Method Code:
Method Description:
Tons: 0.748
Year: 1999
Generator EPA ID: CAD982048985
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: KSD980633259
TSD County Code: 99
TSD County: Unknown
State Waste Code: 343
State Waste Code Desc.: Unspecified organic liquid mixture
Method Code:
Method Description:
Tons: 0.561
Year: 2000
Generator EPA ID: CAD982048985
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: KSD980633259
TSD County Code: 99
TSD County: Unknown
State Waste Code: 343
State Waste Code Desc.: Unspecified organic liquid mixture
Method Code:
Method Description:
Tons: 0.407
Year: 2001
Generator EPA ID: CAD982048985
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: KSD980633259
TSD County Code: 99
TSD County: Unknown
State Waste Code: 343
State Waste Code Desc.: Unspecified organic liquid mixture
Method Code:
Method Description:
Tons: 0.187
Year: 2002
Generator EPA ID: CAD982048985
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: KSD980633259
TSD County Code: 99
TSD County: Unknown
State Waste Code: 343
State Waste Code Desc.: Unspecified organic liquid mixture
Method Code: R01
Method Description: Recycler
Tons: 0.374
Year: 2003
Generator EPA ID: CAD982048985
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: KSD980633259

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

TSD County Code: 99
TSD County: Unknown
State Waste Code: 343
State Waste Code Desc.: Unspecified organic liquid mixture
Method Code:
Method Description:
Tons: 0.187
Year: 2004
Generator EPA ID: CAD982048985
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: KSD980633259
TSD County Code: 99
TSD County: Unknown
State Waste Code: 343
State Waste Code Desc.: Unspecified organic liquid mixture
Method Code: R01
Method Description: Recycler
Tons: 0.187
Year: 2004

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16 | **1 of 1** | **NNW** | **0.04 / 236.70** | **120.84** | **601 ILLINOIS EL SEGUNDO CA** | **HIST CHMIRS**

OES Control NO: 9100708
Release Factors: Collision/Overturn
Release Text:
Equipm Involved: No Equip Involved
Action Taken Text:
Chemicals: PAINT
Case Number:
HazMat Other:
HM Injury: 0
Decon: 0
Agency Name: EL SEGUNDO FD
HazMat Pers: Off-site Fire Services
Action Taken: ID/Analysis of Hazmat
More than three involved?: 2

Incident Date: 8/6/1991
Date Reported: 8/6/1991
Fatalities: 0
Other Injury: 0
Other Decon: 0
Other Fatal: 0
Vehicle:
State:
CA DOT PUC ICC:
Company Name:
County: LOS ANGELES

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17 | **1 of 4** | **NNE** | **0.05 / 244.23** | **127.46** | **600 NORTH SEPULVEDA EL SEGUNDO CA 902450000** | **HIST MANIFEST**

Gen EPA ID: CAC000222057
Create Date: 11/16/1989 0:00:00
Inact Date: 10/25/2000 0:00:00
Facility Mail Street: --
Facility Mail City: EL SEGUNDO
Facility Mail State: CA
Facility Mail Zip: 902450000
Contact Phone(s): 8189018822
File Year(s): 1989
Contact Name(s): NAGEL, DAVID

Tanner Information
-- --
Generator EPA ID: CAC000222057
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: HAHQ36017252
TSD County Code: 0
TSD County:
State Waste Code: 221
State Waste Code Desc.: Waste oil and mixed oil
Method Code: 1
Method Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Tons:	6.25
Year:	1989
--	--
Generator EPA ID:	CAC000222057
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	HAHQ36017252
TSD County Code:	0
TSD County:	
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1989
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
17	2 of 4	NNE	0.05 / 244.23	127.46	600 N SEPULVEDA BLVD EL SEGUNDO CA 90245	LA HMS

Site No:	014643
Area:	2N

--Details--

File No:	015285
File Name:	SEGUNDO ASSOCIATION
Permit No:	
Permit Code:	
Permit Category Desc:	
Permit Status Code:	
Permit Status Desc:	
Permit Type:	
Permit Type Desc:	
Status Code:	CLOS
Status Desc:	Permit Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
17	3 of 4	NNE	0.05 / 244.23	127.46	1X NAGEL, DAVID 600 NORTH SEPULVEDA EL SEGUNDO CA 902450000	HAZNET

SIC Code:		**Mailing City:**	*EL SEGUNDO*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAC000222057	**Mailing Zip:**	*902450000*
Create Date:	11/16/1989	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*NAGEL, DAVID*
Inact Date:	10/25/2000	**Owner Addr 1:**	*--*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*--*
Mail Name:		**Owner State:**	*99*
Mailing Addr 1:	--	**Owner Zip:**	*--*
Mailing Addr 2:		**Owner Phone:**	*0000000000*
Owner Fax:			

Contact Information

--	--
Contact Name:	NAGEL, DAVID
Street Address 1:	--
Street Address 2:	
City:	--
State:	99
Zip:	--
Phone:	8189018822

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
17	4 of 4	NNE	0.05 / 244.23	127.46	Segundo Associates 600 N. Sepulveda Blvd. El Segundo CA 90245	ELSEGUNDO UST

Permit:
Type: Closed Tanks
Inspected:
Petroleum: 1
Haz Substance:
State:
Extra Comments:

Removal Date:
Closure Date: 6/4/1990
A1998:
Inspection Due:
State ID:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
18	1 of 1	SW	0.05 / 253.08	110.99	THE PARTS DEPARTMENT 1700 E HOLLY AVE EL SEGUNDO CA 902450000	HAZNET

SIC Code: 5015
NAICS Code: 3362,42114
EPA ID: CAL000234493
Create Date: 1/22/2002
Fac Act Ind: Yes
Inact Date:
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: 1700 E HOLLY AVE
Mailing Addr 2:
Owner Fax: 0000000000

Mailing City: EL SEGUNDO
Mailing State: CA
Mailing Zip: 902450000
Region Code: 3
Owner Name: THE PARTS DEPARTMENT INC
Owner Addr 1: 1700 E HOLLY AVE
Owner Addr 2:
Owner City: EL SEGUNDO
Owner State: CA
Owner Zip: 902450000
Owner Phone: 3104161010

Contact Information
-- --
Contact Name: AUDREY EHRLICH-CORP SECRETARY
Street Address 1: 1700 E HOLLY AVE
Street Address 2:
City: EL SEGUNDO
State: CA
Zip: 90245
Phone: 3104161010
-- --

Tanner Information
-- --
Generator EPA ID: CAL000234493
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD099452708
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 221
State Waste Code Desc.: Waste oil and mixed oil
Method Code: R01
Method Description: Recycler
Tons: 0.323
Year: 2002

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
19	1 of 1	NNW	0.05 / 274.56	124.81	WAYNE DUNCAN 608 ILLINOIS CT UNITS 3 & 4 EL SEGUNDO CA 902453452	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAC002737814
Create Date: 7/23/2013
Fac Act Ind: No
Inact Date: 10/22/2013
County Code: 19

Mailing City: EL SEGUNDO
Mailing State: CA
Mailing Zip: 902453452
Region Code: 3
Owner Name: WAYNE DUNCAN
Owner Addr 1: 608 ILLINOIS CT
Owner Addr 2:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

County Name:	Los Angeles	**Owner City:**	*EL SEGUNDO*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	608 ILLINOIS CT	**Owner Zip:**	*902453452*
Mailing Addr 2:	UNITS 3 & 4	**Owner Phone:**	*3106007446*
Owner Fax:			

Contact Information

--	--
Contact Name:	WAYNE DUNCAN
Street Address 1:	608 ILLINOIS CT
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	902453452
Phone:	3106007446
--	--

Tanner Information

--	--
Generator EPA ID:	CAC002737814
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	AZC950823111
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	0.8
Year:	2013

20	*1 of 2*	***SSW***	***0.06 / 322.59***	***100.56***	***GREIDER CO*** ***333 INDIANA ST*** ***EL SEGUNDO CA 902450000***	***HAZNET***

SIC Code:		**Mailing City:**	*EL SEGUNDO*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAC000760800	**Mailing Zip:**	*902450000*
Create Date:	6/14/1996	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*GREIDER CO*
Inact Date:	10/25/2000	**Owner Addr 1:**	*JAMES MCCLEES/PRES*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*--*
Mail Name:		**Owner State:**	*99*
Mailing Addr 1:	333 INDIANA ST	**Owner Zip:**	*--*
Mailing Addr 2:		**Owner Phone:**	*0000000000*
Owner Fax:			

Contact Information

--	--
Contact Name:	JEREMY KNAPCYK/CONSULT
Street Address 1:	--
Street Address 2:	
City:	--
State:	99
Zip:	--
Phone:	3103224568

20	*2 of 2*	***SSW***	***0.06 / 322.59***	***100.56***	***GREIDER CO*** ***333 INDIANA ST # 339*** ***EL SEGUNDO CA 902454419***	***HAZNET***

SIC Code:	3991	**Mailing City:**	*EL SEGUNDO*
NAICS Code:	339994	**Mailing State:**	*CA*
EPA ID:	CAL000352522	**Mailing Zip:**	*902450602*

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Create Date:	5/20/2010 3:15:14 PM	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*JAMES MCLEES*
Inact Date:	6/30/2010	**Owner Addr 1:**	*PO BOX 602*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*EL SEGUNDO*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	PO BOX 602	**Owner Zip:**	*902450602*
Mailing Addr 2:		**Owner Phone:**	*3103229022*
Owner Fax:	3103224980		

Contact Information

--	--
Contact Name:	JAMES MCLEES
Street Address 1:	PO BOX 602
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	902450602
Phone:	3103229022

21	*1 of 8*	*NNE*	*0.06 / 331.15*	*123.86*	***TRI CLEANERS INC*** ***630 N SEPULVEDA*** ***EL SEGUNDO CA 902450000***	***DRYCLEANERS***

EPA ID:	CAD983634742	**Owner Zip:**	*902453435*
Create Date:	5/4/1992	**Owner Phone:**	*3103222064*
Facility Act Ind:	yes	**Owner Fax:**	*0000000000*
In Act Date:		**Contact Name:**	*HASSAN JAAFAR/OWNER*
County Name:	Los Angeles	**Contact Street 1:**	*630 N SEPULVEDA BLVD*
Region Code:	9	**Contact Street 2:**	
Owner Name:	HASSAN JAAFAR	**Contact City:**	*EL SEGUNDO*
Owner Street 1:	630 N SEPULVEDA BLVD	**Contact State:**	*CA*
Owner Street 2:		**Contact Zip:**	*90245*
Owner City:	EL SEGUNDO	**Contact Phone:**	*3103222064*
Owner State:	CA	**Mail Name:**	

--Details--

NAICS Code:	81232
Naics Desc:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Desc:	Power Laundries, Family and Commercial

21	*2 of 8*	*NNE*	*0.06 / 331.15*	*123.86*	***TRI CLEANERS*** ***630 N SEPULVEDA*** ***EL SEGUNDO CA 90245-3435***	***FINDS/FRS***

Registry ID:	110002875327
FIPS Code:	06037
Program Acronyms:	HWTS-DATAMART, RCRAINFO
HUC Code:	18070104
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
Source:	
County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	01-MAR-2000 00:00:00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Census Block Code: 060379800131011
Update Date: 26-JAN-2012 12:52:25
Location Description:
Supplemental Location:
Tribal Land Code:
Tribal Land Name:
Latitude: 33.924722
Longitude: -118.396205
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 50
Datum: NAD83
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Interest Types: SQG, STATE MASTER
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002875327

21	3 of 8	NNE	0.06 / 331.15	123.86	**LAX PHOTO LAB** **630 N SEPULVEDA UNIT 6 B** **EL SEGUNDO CA 90245-3435**	FINDS/FRS

Registry ID: 110002874890
FIPS Code: 06037
Program Acronyms: HWTS-DATAMART, RCRAINFO
HUC Code: 18070104
Site Type Name: STATIONARY
EPA Region Code: 09
Conveyor: FRS-GEOCODE
Source:
County Name: LOS ANGELES
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
Federal Facility Code:
NAICS Code Descriptions:
Federal Agency Name:
US/Mexico Border Ind:
Congressional Dist No: 36
Create Date: 01-MAR-2000 00:00:00
Census Block Code: 060379800131011
Update Date: 08-AUG-2010 16:55:49
Location Description:
Supplemental Location:
Tribal Land Code:
Tribal Land Name:
Latitude: 33.924722
Longitude: -118.396205
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 50
Datum: NAD83
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Interest Types: SQG, STATE MASTER
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002874890

21	4 of 8	NNE	0.06 / 331.15	123.86	**TRI-CLEANERS AND LAUNDRY** **630 N SEPULVEDA BLVD STE 11B** **EL SEGUNDO CA 90245**	FINDS/FRS

Registry ID: 110066442558
FIPS Code:
Program Acronyms: CA-ENVIROVIEW
HUC Code: 18070104
Site Type Name: STATIONARY
EPA Region Code: 09
Conveyor: FRS-GEOCODE
Source:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	14-OCT-2015 11:31:50
Census Block Code:	060379800131011
Update Date:	
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.924722
Longitude:	-118.396205
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	50
Datum:	NAD83
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Interest Types:	STATE MASTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066442558

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21 | ***5 of 8*** | ***NNE*** | ***0.06 / 331.15*** | ***123.86*** | ***LAX PHOTO LAB***
630 N SEPULVEDA UNIT 6 B
EL SEGUNDO CA 902450000 | ***HAZNET***

SIC Code:	7221	**Mailing City:**	*EL SEGUNDO*
NAICS Code:	541921	**Mailing State:**	*CA*
EPA ID:	CAD983634171	**Mailing Zip:**	*902453435*
Create Date:	4/24/1992	**Region Code:**	*2*
Fac Act Ind:	Yes	**Owner Name:**	*JEONG HEE SOHN*
Inact Date:		**Owner Addr 1:**	*630 N SEPULVEDA BLVD*
County Code:	19	**Owner Addr 2:**	*UNIT 6B*
County Name:	Los Angeles	**Owner City:**	*EL SEGUNDO*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	630 N SEPULVEDA BLVD	**Owner Zip:**	*902453435*
Mailing Addr 2:	UNIT 6	**Owner Phone:**	*3103227776*
Owner Fax:	0000000000		

Contact Information

--	--
Contact Name:	ANTHONY SOHN
Street Address 1:	630 N SEPULVEDA BLVD UNIT 6B
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	90245
Phone:	3103227776

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21 | ***6 of 8*** | ***NNE*** | ***0.06 / 331.15*** | ***123.86*** | ***TRI CLEANERS INC***
630 N SEPULVEDA
EL SEGUNDO CA 902450000 | ***HAZNET***

SIC Code:	7211,7212,7216,7219,7389	**Mailing City:**	*EL SEGUNDO*
NAICS Code:	81232	**Mailing State:**	*CA*
EPA ID:	CAD983634742	**Mailing Zip:**	*902453435*
Create Date:	5/4/1992	**Region Code:**	*9*
Fac Act Ind:	Yes	**Owner Name:**	*HASSAN JAAFAR*
Inact Date:		**Owner Addr 1:**	*630 N SEPULVEDA BLVD*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*EL SEGUNDO*
Mail Name:		**Owner State:**	*CA*

Mailing Addr 1:	630 N SEPULVEDA BLVD	**Owner Zip:**	*902453435*
Mailing Addr 2:		**Owner Phone:**	*3103222064*
Owner Fax:	0000000000		

Contact Information

--	--
Contact Name:	HASSAN JAAFAR/OWNER
Street Address 1:	630 N SEPULVEDA BLVD
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	90245
Phone:	3103222064
--	--

Tanner Information

--	--
Generator EPA ID:	CAD983634742
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD981397417
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:	R01
Method Description:	Recycler
Tons:	0.4586
Year:	1995
Generator EPA ID:	CAD983634742
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD981397417
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:	R01
Method Description:	Recycler
Tons:	0.4586
Year:	1996
Generator EPA ID:	CAD983634742
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD981397417
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:	R01
Method Description:	Recycler
Tons:	0.3877
Year:	1997
Generator EPA ID:	CAD983634742
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD981397417
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	R01
Method Description:	Recycler
Tons:	0
Year:	1997
Generator EPA ID:	CAD983634742
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD981397417

TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 211
State Waste Code Desc.: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code: R01
Method Description: Recycler
Tons: 0.2293
Year: 1998
Generator EPA ID: CAD983634742
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD981397417
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 211
State Waste Code Desc.: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code: R01
Method Description: Recycler
Tons: 0.4586
Year: 1999
Generator EPA ID: CAD983634742
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: AZD009015389
TSD County Code: 99
TSD County: Unknown
State Waste Code: 211
State Waste Code Desc.: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code: R01
Method Description: Recycler
Tons: 0.2293
Year: 2000
Generator EPA ID: CAD983634742
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: AZD009015389
TSD County Code: 99
TSD County: Unknown
State Waste Code:
State Waste Code Desc.:
Method Code: R01
Method Description: Recycler
Tons: 0
Year: 2000
Generator EPA ID: CAD983634742
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008302903
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 211
State Waste Code Desc.: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code: R01
Method Description: Recycler
Tons: 0.0834
Year: 2001
Generator EPA ID: CAD983634742
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008302903
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 211
State Waste Code Desc.: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:
Method Description:
Tons: 0
Year: 2001

Generator EPA ID:	CAD983634742
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000613893
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	741
State Waste Code Desc.:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Code:	
Method Description:	
Tons:	0.05
Year:	2001
Generator EPA ID:	CAD983634742
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000613893
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	741
State Waste Code Desc.:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Code:	H01
Method Description:	Transfer station
Tons:	0.1925
Year:	2001
Generator EPA ID:	CAD983634742
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	OHD980587364
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	741
State Waste Code Desc.:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Code:	H01
Method Description:	Transfer station
Tons:	0.5
Year:	2001
Generator EPA ID:	CAD983634742
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:	R01
Method Description:	Recycler
Tons:	0.62965
Year:	2002
Generator EPA ID:	CAD983634742
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:	
Method Description:	
Tons:	0
Year:	2002
Generator EPA ID:	CAD983634742
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture

Method Code:
Method Description:
Tons: 0
Year: 2002
Generator EPA ID: CAD983634742
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT000613893
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 741
State Waste Code Desc.: Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Code: H01
Method Description: Transfer station
Tons: 0.05
Year: 2002
Generator EPA ID: CAD983634742
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008302903
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 211
State Waste Code Desc.: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code: R01
Method Description: Recycler
Tons: 0.3753
Year: 2003
Generator EPA ID: CAD983634742
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008302903
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 211
State Waste Code Desc.: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:
Method Description:
Tons:
Year: 2003
Generator EPA ID: CAD983634742
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: NVR000076158
TSD County Code: 99
TSD County: Unknown
State Waste Code: 213
State Waste Code Desc.: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Code:
Method Description:
Tons:
Year: 2004
Generator EPA ID: CAD983634742
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: NVR000076158
TSD County Code: 99
TSD County: Unknown
State Waste Code: 134
State Waste Code Desc.: Aqueous solution with total organic residues less than 10 percent
Method Code:
Method Description:
Tons:
Year: 2004
Generator EPA ID: CAD983634742
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: NVR000076158

TSD County Code: 99
TSD County: Unknown
State Waste Code: 211
State Waste Code Desc.: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:
Method Description:
Tons: 0.1251
Year: 2004
Generator EPA ID: CAD983634742
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT000613893
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 741
State Waste Code Desc.: Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Code: H01
Method Description: Transfer station
Tons: 0.195
Year: 2005
Generator EPA ID: CAD983634742
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT000613893
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 741
State Waste Code Desc.: Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.195
Year: 2006
Generator EPA ID: CAD983634742
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT000613893
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 741
State Waste Code Desc.: Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.16
Year: 2007
Generator EPA ID: CAD983634742
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT000613893
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 741
State Waste Code Desc.: Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.125
Year: 2008
Generator EPA ID: CAD983634742
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT000613893
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 741
State Waste Code Desc.: Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Code: H141

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.125
Year:	2009
Generator EPA ID:	CAD983634742
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000613893
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	741
State Waste Code Desc.:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0375
Year:	2010
Generator EPA ID:	CAD983634742
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000613893
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	741
State Waste Code Desc.:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0925
Year:	2011
Generator EPA ID:	CAD983634742
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000613893
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	741
State Waste Code Desc.:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.1225
Year:	2012
Generator EPA ID:	CAD983634742
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000613893
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	741
State Waste Code Desc.:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.075
Year:	2013

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
21	7 of 8	NNE	0.06 / 331.15	123.86	LAX PHOTO LAB 630 N SEPULVEDA UNIT 6 B EL SEGUNDO CA 90245	RCRA SQG

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAD983634171
Current Site Name:	LAX PHOTO LAB
Generator Status Universe:	Small Quantity Generator
Land Type:	Private

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	630 N SEPULVEDA UNIT 6 B, EL SEGUNDO, CA, 90245,
Contact Name:	ANTHONY SOHN
Contact Address:	630 N SEPULVEDA UNIT 6 B, EL SEGUNDO, CA, 90245, US
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	ANTHONY SOHN
Owner/Operator Address:	630 SEPULVEDA UNIT 6 B EL SEGUNDO CA 90245
Owner/Operator Phone:	3103227776
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
NAICS Information	
--	--
Naics Code:	81292
Naics Description:	PHOTOFINISHING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Handler Information	
--	--
Date Received:	19920424
Facility Name:	LAX PHOTO LAB
Classification:	Small Quantity Generator
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
21	8 of 8	NNE	0.06 / 331.15	123.86	TRI CLEANERS 630 N SEPULVEDA EL SEGUNDO CA 90245	RCRA SQG

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAD983634742
Current Site Name:	TRI CLEANERS
Generator Status Universe:	Small Quantity Generator
Land Type:	Private
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	630 N SEPULVEDA, EL SEGUNDO, CA, 90245,
Contact Name:	MASHAN MICHAEL
Contact Address:	630 N SEPULVEDA, EL SEGUNDO, CA, 90245, US
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	MICHAEL WASHAN
Owner/Operator Address:	630 N SEPULVEDA EL SEGUNDO CA 90245
Owner/Operator Phone:	3103222064
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
NAICS Information	
--	--
Naics Code:	81232
Naics Description:	DRYCLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Handler Information	
--	--
Date Received:	19920504
Facility Name:	TRI CLEANERS
Classification:	Small Quantity Generator
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
22	1 of 4	S	0.06 / 336.17	100.56	GREIDER CO 339 INDIANA ST EL SEGUNDO CA 90245	FINDS/FRS

Registry ID:	110013830444
FIPS Code:	06037
Program Acronyms:	EIS
HUC Code:	18070104
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
Source:	
County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	339999
Federal Facility Code:	
NAICS Code Descriptions:	ALL OTHER MISCELLANEOUS MANUFACTURING.
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	02-APR-2003 17:23:37
Census Block Code:	060376200022016
Update Date:	14-APR-2015 21:24:22
Location Description:	
Supplemental Location:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Tribal Land Code:
Tribal Land Name:
Latitude: 33.920109
Longitude: -118.397267
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 50
Datum: NAD83
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Interest Types: AIR EMISSIONS CLASSIFICATION UNKNOWN
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110013830444

22	2 of 4	S	0.06 / 336.17	100.56	339 N INDIANA ST EL SEGUNDO CA 90245	LA HMS

Site No: 015729
Area: 2N

--Details--
File No: I08724
File Name: GREIDER CO
Permit No:
Permit Code:
Permit Category Desc:
Permit Status Code:
Permit Status Desc:
Permit Type:
Permit Type Desc:
Status Code: OPEN
Status Desc: File Opened, no permit exists

22	3 of 4	S	0.06 / 336.17	100.56	GREIDGER CO. 339 INDIANA ST EL SEGUNDO CA 90245	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAC002805749
Create Date:
Fac Act Ind:
Inact Date:
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: 315 INDIANA ST.
Mailing Addr 2:
Owner Fax:

Mailing City: EL SEGUNDO
Mailing State: CA
Mailing Zip: 90245
Region Code:
Owner Name:
Owner Addr 1:
Owner Addr 2:
Owner City:
Owner State:
Owner Zip:
Owner Phone:

-- --
Additional Contact Information
-- --
Contact Name: JEREMY KNAPCZYK
Phone: 3107954859
-- --
Tanner Information
-- --
Generator EPA ID: CAC002805749
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD028409019
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.936
Year:	2015
Generator EPA ID:	CAC002805749
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.2805
Year:	2015
Generator EPA ID:	CAC002805749
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.1625
Year:	2015

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
22	4 of 4	S	0.06 / 336.17	100.56	**GREIDER COMPANY** **339 INDIANA ST** **EL SEGUNDO CA 902450000**	HAZNET

SIC Code:		**Mailing City:**	*EL SEGUNDO*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAC002653679	**Mailing Zip:**	*902450000*
Create Date:	5/17/2010	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*JAMES MCLEES*
Inact Date:	11/14/2010	**Owner Addr 1:**	*339 INDIANA ST*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*EL SEGUNDO*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	339 INDIANA ST	**Owner Zip:**	*902450000*
Mailing Addr 2:		**Owner Phone:**	*3103456314*
Owner Fax:			

Contact Information

--	--
Contact Name:	JEREMY KNAPCZYK
Street Address 1:	339 INDIANA ST
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	902450000
Phone:	3107954859
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Tanner Information

--	--
Generator EPA ID:	CAC002653679
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.72
Year: 2010

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23 | **1 of 1** | **S** | **0.06 / 341.26** | **109.61** | **HABIT BURGER GRILL**
311 N SEPULVEDA BLVD
EL SEGUNDO CA 90245 | **FINDS/FRS**

Registry ID: 110064964604
FIPS Code:
Program Acronyms: CA-ENVIROVIEW
HUC Code: 18070104
Site Type Name: STATIONARY
EPA Region Code: 09
Conveyor: FRS-GEOCODE
Source:
County Name: LOS ANGELES
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
Federal Facility Code:
NAICS Code Descriptions:
Federal Agency Name:
US/Mexico Border Ind:
Congressional Dist No: 36
Create Date: 10-OCT-2015 07:57:29
Census Block Code: 060376200022015
Update Date:
Location Description:
Supplemental Location:
Tribal Land Code:
Tribal Land Name:
Latitude: 33.91999
Longitude: -118.39651
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Reference Point: CENTER OF A FACILITY OR STATION
Interest Types: STATE MASTER
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110064964604

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24 | **1 of 1** | **S** | **0.07 / 363.81** | **100.49** | **GREIDER COMPANY**
333-339 INDIANA ST
EL SEGUNDO CA 902450000 | **HAZNET**

SIC Code:
NAICS Code:
EPA ID: CAC002243009
Create Date: 10/18/1999
Fac Act Ind: No
Inact Date: 10/25/2000
County Code: 19
County Name: Los Angeles
Mail Name: ROBERT RUBIN
Mailing Addr 1: 2450 BROADWAY STE 550
Mailing Addr 2:
Owner Fax:

Mailing City: *SANTA MONICA*
Mailing State: *CA*
Mailing Zip: *904040000*
Region Code: *3*
Owner Name: *JAMES MCLEES DBA GREIDER CO*
Owner Addr 1: *333-339 INDIANA ST*
Owner Addr 2:
Owner City: *EL SEGUNDO*
Owner State: *CA*
Owner Zip: *902450000*
Owner Phone: *3103229022*

Contact Information
-- --
Contact Name: ROBERT RUBIN-PROPERTY OWNER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Street Address 1:	2450 BROADWAY STE 550
Street Address 2:	
City:	SANTA MONICA
State:	CA
Zip:	904040000
Phone:	3108287400
--	--
Tanner Information	
--	--
Generator EPA ID:	CAC002243009
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD981696420
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	H01
Method Description:	Transfer station
Tons:	0.95
Year:	2000

25	*1 of 7*	*S*	*0.08 / 432.06*	*106.98*	***JIM & JACK AUTO BODY*** ***307 SEPULVEDA BLVD N*** ***EL SEGUNDO CA 90245***	***FINDS/FRS***

Registry ID:	110066265160
FIPS Code:	
Program Acronyms:	CA-ENVIROVIEW
HUC Code:	18070104
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
Source:	
County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	14-OCT-2015 10:42:50
Census Block Code:	060379800301000
Update Date:	
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.91172
Longitude:	-118.396054
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	50
Datum:	NAD83
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Interest Types:	STATE MASTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066265160

25	*2 of 7*	*S*	*0.08 / 432.06*	*106.98*	***CHIPOTLE MEXICAN GRILL #887*** ***307 N SEPULVEDA BLVD STE B*** ***EL SEGUNDO CA 90245***	***FINDS/FRS***

Registry ID:	110066168355
FIPS Code:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Program Acronyms:	CA-ENVIROVIEW
HUC Code:	18070104
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
Source:	
County Name:	LOS ANGELES
SIC Codes:	5812
SIC Code Descriptions:	EATING PLACES
NAICS Codes:	722513
Federal Facility Code:	
NAICS Code Descriptions:	LIMITED-SERVICE RESTAURANTS
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	14-OCT-2015 10:14:21
Census Block Code:	060376200022015
Update Date:	
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.91972
Longitude:	-118.39649
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Reference Point:	CENTER OF A FACILITY OR STATION
Interest Types:	STATE MASTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066168355

25	*3 of 7*	*S*	*0.08 / 432.06*	*106.98*	***HAGOP KIZIRIAN*** ***307 N. SEPULVEDA BLVD.*** ***EL SEGUNDO CA 90245***	***HHSS***

County:	Los Angeles
Pdf File Url:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027e04.pdf

25	*4 of 7*	*S*	*0.08 / 432.06*	*106.98*	***307 N SEPULVEDA BLVD*** ***EL SEGUNDO CA 90245***	***LA HMS***

Site No:	008473
Area:	2N

--Details--

File No:	013092
File Name:	KEVORK TEXACO
Permit No:	00004818T
Permit Code:	T
Permit Category Desc:	Underground Storage Tank
Permit Status Code:	CLOS
Permit Status Desc:	Permit Closed
Permit Type:	0
Permit Type Desc:	Underground Storage Tank Operating Permit
Status Code:	CLOS
Status Desc:	Permit Closed
File No:	I13092
File Name:	KEVORKS TEXACO SERVICE
Permit No:	000010284
Permit Code:	I
Permit Category Desc:	Industrial Waste Permit
Permit Status Code:	CLOS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Permit Status Desc: Permit Closed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Status Code: CLOS
Status Desc: Permit Closed

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25 | **5 of 7** | **S** | **0.08 / 432.06** | **106.98** | **KEVORK TEXACO**
307 N SEPULVEDA
EL SEGUNDO CA 902450000 | **HAZNET**

SIC Code:
NAICS Code:
EPA ID: CAL912965638
Create Date: 10/23/1991
Fac Act Ind: No
Inact Date: 6/30/2000
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: 307 N SEPULVEDA
Mailing Addr 2:
Owner Fax:

Mailing City: EL SEGUNDO
Mailing State: CA
Mailing Zip: 902450000
Region Code: 3
Owner Name: KEVORK KIZIRIAN
Owner Addr 1: 307 N SEPULVEDA
Owner Addr 2:
Owner City: EL SEGUNDO
Owner State: CA
Owner Zip: 902450000
Owner Phone: 2138515823

Contact Information
-- --
Contact Name: JACK AVEDIKIAN/MANAGER
Street Address 1: INACTIVE PER VQ00 - BMI
Street Address 2:
City: EL SEGUNDO
State: CA
Zip: 902450000
Phone: 3103225733
-- --
Tanner Information
-- --
Generator EPA ID: CAL912965638
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT000613893
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 134
State Waste Code Desc.: Aqueous solution with total organic residues less than 10 percent
Method Code: H01
Method Description: Transfer station
Tons: 0.063
Year: 1998

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25 | **6 of 7** | **S** | **0.08 / 432.06** | **106.98** | **KEVORK'S AUTO REPAIR**
307 N SEPULVEDA
EL SEGUNDO CA 902440000 | **HAZNET**

SIC Code: 7538
NAICS Code: 811111
EPA ID: CAL000032990
Create Date: 5/10/1990
Fac Act Ind: No
Inact Date: 6/30/2006
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: 307 N SEPULVEDA BLVD
Mailing Addr 2:
Owner Fax:

Mailing City: EL SEGUNDO
Mailing State: CA
Mailing Zip: 902450000
Region Code: 3
Owner Name: KEVORK KIZIRIAN
Owner Addr 1: 307 N. SEPULVEDA
Owner Addr 2:
Owner City: EL SEGUNDO
Owner State: CA
Owner Zip: 902450000
Owner Phone: 3106159813

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Contact Information
-- --
Contact Name: ARIG KIZIRIAN
Street Address 1: 307 N SEPULVEDA
Street Address 2:
City: EL SEGUNDO
State: CA
Zip: 902450000
Phone: 3103225733

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
25	7 of 7	S	0.08 / 432.06	106.98	Kevork's Texaco 307 N. Sepulveda Blvd. El Segundo CA 90245	ELSEGUNDO UST

Permit:
Type: Closed Tanks
Inspected:
Petroleum: 2
Haz Substance:
State:
Extra Comments:
Removal Date:
Closure Date: 10/8/1992
A1998:
Inspection Due:
State ID:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
26	1 of 3	NNE	0.08 / 446.07	122.25	THE BOEING COMPANY 650-700 N SEPULVEDA BLVD EL SEGUNDO CA 90245	FINDS/FRS

Registry ID: 110054820841
FIPS Code: 06037
Program Acronyms: CA-ENVIROVIEW, CEDRI, HWTS-DATAMART, RCRAINFO
HUC Code: 18070104
Site Type Name: STATIONARY
EPA Region Code: 09
Conveyor: FRS-GEOCODE
Source:
County Name: LOS ANGELES
SIC Codes: 3669
SIC Code Descriptions: COMMUNICATIONS EQUIPMENT, NOT ELSEWHERE CLASSIFIED
NAICS Codes: 336414
Federal Facility Code:
NAICS Code Descriptions: GUIDED MISSILE AND SPACE VEHICLE MANUFACTURING.
Federal Agency Name:
US/Mexico Border Ind:
Congressional Dist No: 36
Create Date: 30-JAN-2013 13:20:29
Census Block Code: 060379800131011
Update Date: 15-OCT-2015 07:51:04
Location Description:
Supplemental Location:
Tribal Land Code:
Tribal Land Name:
Latitude: 33.92504
Longitude: -118.39536
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Reference Point: CENTER OF A FACILITY OR STATION
Interest Types: COMPLIANCE AND EMISSIONS REPORTING, LQG, STATE MASTER
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110054820841

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
26	2 of 3	NNE	0.08 / 446.07	122.25	THE BOEING CO 650-700 N SEPULVEDA BLVD EL SEGUNDO CA 902450000	HAZNET

SIC Code:	3669	**Mailing City:**	*LOS ANGELES*
NAICS Code:	33429	**Mailing State:**	*CA*
EPA ID:	CAR000071167	**Mailing Zip:**	*900090000*
Create Date:	1/3/2001	**Region Code:**	*3*
Fac Act Ind:	Yes	**Owner Name:**	*THE BOEING COMPANY*
Inact Date:		**Owner Addr 1:**	*PO BOX 92919 W/S25/D581*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*LOS ANGELES*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	PO BOX 92919 W/S25/D581	**Owner Zip:**	*900090000*
Mailing Addr 2:		**Owner Phone:**	*3103458778*
Owner Fax:	3106628683		

Contact Information

--	--
Contact Name:	JERROD NEWLANDER
Street Address 1:	PO BOX 92919 W/S25/D581
Street Address 2:	
City:	LOS ANGELES
State:	CA
Zip:	90009
Phone:	3103458778
--	--

Tanner Information

--	--
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	541
State Waste Code Desc.:	Photochemicals/photoprocessing waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.4205
Year:	2000
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	322
State Waste Code Desc.:	Biological waste other than sewage sludge
Method Code:	
Method Description:	
Tons:	0.015
Year:	2000
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	792
State Waste Code Desc.:	Liquids with pH <= 2 with metals
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.5
Year:	2000
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	213

State Waste Code Desc.:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.2435
Year:	2000
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	23.5984
Year:	2000
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	
Method Description:	
Tons:	0.025
Year:	2001
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.136
Year:	2001
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	541
State Waste Code Desc.:	Photochemicals/photoprocessing waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.404
Year:	2001
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	37.926
Year:	2001
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles

TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.252
Year:	2002
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.497
Year:	2002
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	541
State Waste Code Desc.:	Photochemicals/photoprocessing waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.4005
Year:	2002
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.0375
Year:	2003
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.125
Year:	2003
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	141
State Waste Code Desc.:	Off-specification, aged or surplus inorganics
Method Code:	H01
Method Description:	Transfer station
Tons:	0.0075

Year:	2004
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	
Method Description:	
Tons:	0.18
Year:	2004
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.136
Year:	2004
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	12.642
Year:	2004
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.143
Year:	2005
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.0375
Year:	2006
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352

State Waste Code Desc.: Other organic solids
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.0375
Year: 2007
Generator EPA ID: CAR000071167
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD060897063
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.0775
Year: 2007
Generator EPA ID: CAR000071167
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD060897063
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 151
State Waste Code Desc.: Asbestos containing waste
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.476
Year: 2007
Generator EPA ID: CAR000071167
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD060897063
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code:
Method Description:
Tons: 0.0875
Year: 2008
Generator EPA ID: CAR000071167
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD060897063
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 151
State Waste Code Desc.: Asbestos containing waste
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.068
Year: 2008
Generator EPA ID: CAR000071167
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD060897063
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code:
Method Description:
Tons: 0.0025

Year:	2008
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	
Method Description:	
Tons:	0.1
Year:	2008
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	211
State Waste Code Desc.:	Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.15
Year:	2008
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	6.4
Year:	2008
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.336
Year:	2009
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	22.4
Year:	2009
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles

TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0025
Year:	2010
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.025
Year:	2010
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.272
Year:	2010
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0025
Year:	2010
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	6
Year:	2010
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles

State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.125
Year:	2011
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	792
State Waste Code Desc.:	Liquids with pH <= 2 with metals
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.25
Year:	2011
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.375
Year:	2011
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.095
Year:	2011
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.125
Year:	2011
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H132

Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	6
Year:	2011
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.075
Year:	2012
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.075
Year:	2012
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.15
Year:	2013
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.125
Year:	2013
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.25

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Year:	2013
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.1
Year:	2014
Generator EPA ID:	CAR000071167
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD060897063
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.025
Year:	2014

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
26	3 of 3	NNE	0.08 / 446.07	122.25	THE BOEING COMPANY 650-700 N SEPULVEDA BLVD EL SEGUNDO CA 90245	RCRA LQG

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAR000071167
Current Site Name:	THE BOEING COMPANY
Generator Status Universe:	Large Quantity Generator
Land Type:	Private
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	PO BOX 92919, W S01 D381, LOS ANGELES, CA, 90009, US
Contact Name:	JERROD J NEWLANDER
Contact Address:	PO BOX 92919, W S01 D381, LOS ANGELES, CA, 90009, US
Contact Email:	JERROD.J.NEWLANDER@BOEING.COM
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	BOEING SATELLITE SYSTEMS INC

Owner/Operator Address:	P O BOX 92919 LOS ANGELES CA 90009
Owner/Operator Phone:	3104162241
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	THE BOEING COMPANY
Owner/Operator Address:	PO BOX 92919 W S01 D381 LOS ANGELES CA US 90009
Owner/Operator Phone:	310-416-5680
Owner/Operator Type:	P
Date Became Current:	20001006
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	THE BOEING COMPANY
Owner/Operator Address:	US
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	20001006
Date Ended Current:	
--	--
NAICS Information	
--	--
Naics Code:	33429
Naics Description:	OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Handler Information	
--	--
Date Received:	20121219
Facility Name:	THE BOEING COMPANY
Classification:	Large Quantity Generator
--	--
Date Received:	20001016
Facility Name:	BOEING SATELLITE SYSTEMS INC
Classification:	Small Quantity Generator
--	--
Hazardous Waste Information	
--	--
Waste Code:	134
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	151
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	331
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	352
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	792
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D000
Waste:	DESCRIPTION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Waste Code Active Status:	No
BR Waste Code Active Status:	No
--	--
Waste Code:	D001
Waste:	IGNITABLE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D002
Waste:	CORROSIVE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D008
Waste:	LEAD
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D011
Waste:	SILVER
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F005
Waste:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
27	1 of 1	S	0.09 / 453.61	102.16	305 N INDIANA ST EL SEGUNDO CA 90245	LA HMS

Site No:	008277
Area:	2N

--Details--

File No:	I08828
File Name:	CA CLASSIC AUTO DE
Permit No:	
Permit Code:	
Permit Category Desc:	
Permit Status Code:	
Permit Status Desc:	
Permit Type:	
Permit Type Desc:	
Status Code:	OPEN
Status Desc:	File Opened, no permit exists

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
28	1 of 3	N	0.09 / 466.12	126.50	Carl's Jr. - 639 N. Sepulveda Blvd., El Segundo 639 N. Sepulveda Blvd. El Segundo CA 90245	ALT FUELS

Fuel Type Code:	ELEC	**BD Blends:**	
Status Code:	E	**NG Fill Type Code:**	
Owner Type Code:		**NG PSI:**	
Federal Agency ID:		**NG Vehicle Class:**	
Fed Agency Name:		**EV Lvl1 EVSE No:**	
Open Date:		**EV Lvl2 EVSE No:**	3
Expected Date:		**EV DC Fast Count:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Groups w Acc Cd:	Public	**EV Other Info:**	
Geocode Status:	GPS	**EV Network:**	*Blink Network*
Latitude:	33.924881	**EV Network Web:**	*http://www.blinknetwork.com/*
Longitude:	-118.396618	**EV Connector Tp:**	*J1772*
Dt Last Confirmed:	11/3/2016	**LPG Primary:**	
ID:	51506	**E85 Blender Pump:**	
Updated At:	2016-11-03 07:12:18 UTC	**Plus4:**	
Station Phone:	888-998-2546		
Cards Accepted:			
Hydrogen Status Link:			
Intersection Directions:			
Access Days Time:	MON: 24 hours | TUE: 24 hours | WED: 24 hours | THU: 24 hours | FRI: 24 hours | SAT: 24 hours | SUN: 24 hours		

28	*2 of 3*	*N*	*0.09 / 466.12*	*126.50*	***CARL'S JR. #272*** ***639 N. SEPULVEDA BLVD.*** ***EL SEGUNDO CA 90245***	***FINDS/FRS***

Registry ID:	110066103077
FIPS Code:	
Program Acronyms:	CA-ENVIROVIEW
HUC Code:	18070104
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
Source:	
County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	14-OCT-2015 09:53:58
Census Block Code:	060376200012011
Update Date:	
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.924857
Longitude:	-118.39641
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	50
Datum:	NAD83
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Interest Types:	STATE MASTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066103077

28	*3 of 3*	*N*	*0.09 / 466.12*	*126.50*	***639 N SEPULVEDA BLVD*** ***EL SEGUNDO CA 902453423***	***LA HMS***

Site No:	018222
Area:	2N

--Details--

File No:	025314
File Name:	CARL'S JR RESTAURANT
Permit No:	000207513
Permit Code:	I
Permit Category Desc:	Industrial Waste Permit
Permit Status Code:	REM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Permit Status Desc: Equipment Removed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Status Code: REM
Status Desc: Equipment Removed

29	1 of 1	NNE	0.10 / 520.04	122.33	690 N SEPULVEDA BLVD EL SEGUNDO CA 90245	LA HMS

Site No: 010427
Area: 2N

--Details--
File No: 010342
File Name: HUGHES AIRCRAFT CO SCG
Permit No:
Permit Code:
Permit Category Desc:
Permit Status Code:
Permit Status Desc:
Permit Type:
Permit Type Desc:
Status Code: OPEN
Status Desc: File Opened, no permit exists

30	1 of 5	NNE	0.10 / 528.89	122.31	EL SEGUNDO 650 SEPULVEDA BOULEVARD EL SEGUNDO CA 90245	FINDS/FRS

Registry ID: 110028067080
FIPS Code:
Program Acronyms: ICIS
HUC Code: 18070104
Site Type Name: STATIONARY
EPA Region Code: 09
Conveyor: FRS-GEOCODE
Source:
County Name: LOS ANGELES
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
Federal Facility Code:
NAICS Code Descriptions:
Federal Agency Name:
US/Mexico Border Ind:
Congressional Dist No: 36
Create Date: 16-FEB-2007 12:46:39
Census Block Code: 060379800131017
Update Date: 03-MAY-2015 08:55:33
Location Description:
Supplemental Location:
Tribal Land Code:
Tribal Land Name:
Latitude: 33.906794
Longitude: -118.395844
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 50
Datum: NAD83
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Interest Types: FORMAL ENFORCEMENT ACTION
Facility Detail Rprt URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110028067080

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
30	2 of 5	NNE	0.10 / 528.89	122.31	650 N SEPULVEDA AVE EL SEGUNDO CA 902450000	HIST MANIFEST

Gen EPA ID:	CAX000210559
Create Date:	04/05/1985 0:00
Inact Date:	01/01/1900 0:00
Facility Mail Street:	--
Facility Mail City:	LOS ANGELES
Facility Mail State:	CA
Facility Mail Zip:	900090000
Contact Phone(s):	2136478380
File Year(s):	1985
Contact Name(s):	TONY LUCA
Tanner Information	
--	--
Generator EPA ID:	CAX000210559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD099990947
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	3
Method Description:	
Tons:	29.49
Year:	1985
--	--
Generator EPA ID:	CAX000210559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	
TSD County Code:	0
TSD County:	
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	14
Method Description:	
Tons:	0.25
Year:	1985
--	--
Generator EPA ID:	CAX000210559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD099990947
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	
Method Description:	
Tons:	88.49
Year:	1985
--	--
Generator EPA ID:	CAX000210559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD099990947
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	29.49
Year:	1985

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

--	--
Generator EPA ID:	CAX000210559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD099990947
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	3
Method Description:	
Tons:	5
Year:	1985
--	--
Generator EPA ID:	CAX000210559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD099990947
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1985
--	--
Generator EPA ID:	CAX000210559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	
TSD County Code:	0
TSD County:	
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1985
--	--

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30 | ***3 of 5*** | ***NNE*** | ***0.10 / 528.89*** | ***122.31*** | ***EL SEGUNDO***
650 SEPULVEDA BOULEVARD
EL SEGUNDO CA 90245 | ***ICIS***

EPA Region:	09	***Federal Facility ID:***	
FRS Facility UIN:	110028067080	***Tribal Land Code:***	
Program Syst ID:	7377620	***County:***	*Los Angeles*
Prog Sys Acrnym:	ICIS	***Latitude:***	*33.925052*
Permit Type:		***Longitude:***	*-118.39621*

--Details--

EA Identifier:	HQ-2005-8000	***Enf Act Forum Dsc:***	*Administrative - Formal*
EA Type Code:	325	***Fac NAICS Code:***	
EA Type Desc:	EPCRA 325 Action For Penalty	***Facility SIC Code:***	
EA Name:	Cellco Partnership dba Verizon Wirelss		

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30 | ***4 of 5*** | ***NNE*** | ***0.10 / 528.89*** | ***122.31*** | ***SOUTHERN CALIFORNIA EDISON - CUSTOMER LOCATION***
650 N SEPULVEDA BLVD
EL SEGUNDO CA 902453422 | ***HAZNET***

SIC Code:		***Mailing City:***	*ROSEMEAD*
NAICS Code:		***Mailing State:***	*CA*

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

EPA ID:	CAC002647412	**Mailing Zip:**	*917703714*
Create Date:	10/15/2009	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*SOUTHERN CALIFORNIA EDISON*
Inact Date:	4/14/2010	**Owner Addr 1:**	*2244 WALNUT GROVE AVE*
County Code:	19	**Owner Addr 2:**	*GO1 QUAD 3A*
County Name:	Los Angeles	**Owner City:**	*ROSEMEAD*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	2244 WALNUT GROVE AVE	**Owner Zip:**	*917703714*
Mailing Addr 2:	GO1 QUAD 3A	**Owner Phone:**	*6263029711*
Owner Fax:			

Contact Information

--	--
Contact Name:	STAN MARSH
Street Address 1:	2244 WALNUT GROVE AVE
Street Address 2:	
City:	ROSEMEAD
State:	CA
Zip:	917703714
Phone:	6263029711
--	--

Tanner Information

--	--
Generator EPA ID:	CAC002647412
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD050806850
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	6.7222
Year:	2009

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
30	*5 of 5*	*NNE*	*0.10 / 528.89*	*122.31*	***AERO SPACE CTR*** ***650 N SEPULVEDA AVE*** ***EL SEGUNDO CA 902450000***	***HAZNET***

SIC Code:		**Mailing City:**	*LOS ANGELES*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAX000210559	**Mailing Zip:**	*900090000*
Create Date:	4/5/1985	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*--*
Inact Date:	12/31/1899	**Owner Addr 1:**	*--*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*--*
Mail Name:		**Owner State:**	*99*
Mailing Addr 1:	--	**Owner Zip:**	*--*
Mailing Addr 2:		**Owner Phone:**	*0000000000*
Owner Fax:			

Contact Information

--	--
Contact Name:	TONY LUCA
Street Address 1:	--
Street Address 2:	
City:	--
State:	99
Zip:	--
Phone:	2136478380

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
31	*1 of 3*	*SSW*	*0.10 / 531.04*	*111.39*	***Southern California Edison*** ***202 Illinois St.***	***CHMIRS***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
					El Segundo CA	

ID:	02-3793	***Notified Date:***	*7/12/200211:42:30 AM*
Control No:	02-3793	***Notified Date Time:***	
Year:	2002	***County:***	*Los Angeles County*

California Hazardous Material Incident Report System

--	--
Contained:	Yes
Water Involved:	No
Water Way:	
Drinking Water Impacted:	
Known Impact:	
Incident Date:	7/12/200212:00:00 AM
Incident Time:	
Spill Site:	
Injuries?:	
Injuries Number:	0
Fatals?:	
Fatals Number:	0
Evacs?:	
Evacs Number:	0
Clean Up:	Contractor
Admin Agency:	El Segundo Fire Department
Site:	Road
Cause:	
DOG Number:	
1 Substance:	
1 Quantity:	
1 Measure:	
1 Type:	
1 Other:	
1 Pipeline:	
1 Vessel >= 300 Tons:	
2 Substance:	
2 Quantity:	
2 Measure:	
2 Type:	
2 Other:	
2 Pipeline:	
2 Vessel >= 300 Tons:	
3 Substance:	
3 Quantity:	
3 Measure:	
3 Type:	
3 Other:	
3 Pipeline:	
3 Vessel >= 300 Tons:	
Barrels:	0
Cups:	0
Cubic Ft:	0
Gallons:	30
Grams:	0
Lbs:	0
Liters:	0
Ozs:	0
Pts:	0
Qts:	0
Sheen:	0
Tons:	0
Unknown:	0
Cause Other:	
Notification Area:	
Description:	
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
31	2 of 3	SSW	0.10 / 531.04	111.39	202 ILLINOIS ST EL SEGUNDO CA	ERNS

NRC Report Number:	616448
Type Of Incident:	FIXED
Desc Remedial Action:	FIRE DEPT RESPONDED. SPILL WAS CONTAINED WITH RAGS BY PEOPLE IN AREA. COMPANY IS RESTORING POWER. SPILL CONTRACTOR (ACTI) IS ON SCENE.
Description Of Incident:	THE CALLER REPORTS THAT A CAR HIT A POLE CAUSING POLE MOUNTED TRANSFORMER TO FALL AND RELEASE MATERIAL, AUTO FLED SCENE.
Release Secured:	Y
Release Rate:	
Date Received:	7/12/2002 2:32:40 PM
Incident Cause:	UNKNOWN
Incident Date:	7/12/2002 10:30:00 AM
Incident Location:	POLE IS IN PARKING LOT OF INDUSTRIAL FACILITY
State Agency Notified:	
Federal Agency Notified:	
State Agency On Scene:	FIRE DEPT
State Agency Report Num:	NO REPORT #
Responsible Company:	SOUTHERN CALIFORNIA EDISON
Estima Duration of Release:	
Responsible Org Type:	PUBLIC UTILITY
Responsible City:	ROSEMEAD
Responsible State:	CA
Responsible Zip:	91770
Fire Involved:	N
Fire Extinguished:	U
Any Evacuations:	N
Who Evacuated:	
Radius Of Evacuation:	
Any Injuries:	N
Number Injured:	
Any Fatalities:	N
Number Fatalities:	
Any Damages:	Y
Damage Amount:	
Employee Fatality:	
Passenger Fatality:	
Occupant Fatality:	
Air Corridor Closed:	N
Air Corridor Desc:	
Air Closure Time:	
Waterway Corridor Closed:	N
Waterway Corridor Desc:	
Waterway Closure Time:	
Road Closed:	N
Road Desc:	
Road Closure Time:	
Major Artery:	N
Track Closed:	N
Track Desc:	
Track Closure Time:	
Media Interest:	NONE
Medium Desc:	LAND
Additional Medium Info:	ASPHALT
Body Of Water:	
Tributary Of:	
Weather Conditions:	CLEAR
Air Temperature:	90
Wind Speed:	
Wind Direction:	
Water Supply Contamin:	U
Nearest River Mile Marker:	
Passengers Transferred:	UNK
Community Impact:	N
Additional Info:	CALLER REPORTS THAT TRANSFORMER WAS A NEW ONE, NO PCBS, BUT FIELD TESTS DONE AND WERE NEGATIVE. THE CALLER WILL CONTACT CA OES.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Material Spill Information

--	--
CHRIS Code:	OTF
CAS Number:	000000-00-0
UN Number:	
Amount Of Material:	30
Unit Of Material:	GALLON(S)
Name Of Material:	OIL, MISC: TRANSFORMER
If Reached Water:	NO
Amount In Water:	
Unit Of Measure Reach Water:	
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
31	*3 of 3*	*SSW*	*0.10 / 531.04*	*111.39*	***202 ILLINOIS ST EL SEGUNDO CA 90245***	***LA HMS***

Site No:	034738
Area:	2N

--Details--

File No:	061777
File Name:	GRATEFUL DOGS CLUBHOUSE
Permit No:	
Permit Code:	
Permit Category Desc:	
Permit Status Code:	
Permit Status Desc:	
Permit Type:	
Permit Type Desc:	
Status Code:	OPEN
Status Desc:	File Opened, no permit exists

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
32	*1 of 1*	*S*	*0.10 / 543.42*	*104.77*	***So. CA Edison East Grand Ave. @ N. Sepulveda El Segundo CA***	***CHMIRS***

ID:	06-4558	***Notified Date:***	*8/1/2006 11:57*
Control No:	'06-4558	***Notified Date Time:***	
Year:	2006	***County:***	*Los Angeles County*

California Hazardous Material Incident Report System

--	--
Contained:	Yes
Water Involved:	Yes
Water Way:	Storm sewer
Drinking Water Impacted:	
Known Impact:	
Incident Date:	8/1/2006
Incident Time:	950
Spill Site:	Road
Injuries?:	
Injuries Number:	0
Fatals?:	
Fatals Number:	0
Evacs?:	
Evacs Number:	0
Clean Up:	Reporting Party
Admin Agency:	El Segundo Fire Department
Site:	Storm sewer
Cause:	
DOG Number:	
1 Substance:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

1 Quantity:	4
1 Measure:	Gal(s)
1 Type:	PETROLEUM
1 Other:	
1 Pipeline:	
1 Vessel >= 300 Tons:	
2 Substance:	
2 Quantity:	
2 Measure:	
2 Type:	
2 Other:	
2 Pipeline:	
2 Vessel >= 300 Tons:	
3 Substance:	
3 Quantity:	
3 Measure:	
3 Type:	
3 Other:	
3 Pipeline:	
3 Vessel >= 300 Tons:	
Barrels:	
Cups:	
Cubic Ft:	
Gallons:	
Grams:	
Lbs:	
Liters:	
Ozs:	
Pts:	
Qts:	
Sheen:	
Tons:	
Unknown:	
Cause Other:	
Notification Area:	AA/CUPA,DFG-OSPR,DTSC,RWQCB,US EPA,USFWS
Description:	
--	--

33	1 of 4	S	0.10 / 549.67	102.58	**SOUTHERN CALIFORNIA EDISON** **SEPULVEDA SUBSTATION** **1820 E GRAND AVE** **EL SEGUNDO CA 90245**	FINDS/FRS

Registry ID:	110055887107
FIPS Code:	19
Program Acronyms:	CA-CERS, CA-ENVIROVIEW
HUC Code:	18070104
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
Source:	
County Name:	LOS ANGELES
SIC Codes:	4911
SIC Code Descriptions:	ELECTRIC SERVICES
NAICS Codes:	221122
Federal Facility Code:	
NAICS Code Descriptions:	ELECTRIC POWER DISTRIBUTION.
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	15-SEP-2013 14:03:20
Census Block Code:	060376200022014
Update Date:	14-OCT-2015 11:58:02
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Latitude:	33.919448
Longitude:	-118.396795
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	50
Datum:	NAD83
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Interest Types:	STATE MASTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110055887107

33	*2 of 4*	*S*	*0.10 / 549.67*	*102.58*	***SOUTHERN CALIFORNIA EDISON*** ***SEPULVEDA SUB STATION*** ***1820 E GRAND AVE*** ***EL SEGUNDO CA 90245***	***HAZNET***

SIC Code:		**Mailing City:**	*ROSEMEAD*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAC002661041	**Mailing Zip:**	*917700000*
Create Date:	12/20/2010	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*SOUTHERN CALIFORNIA EDISON*
Inact Date:	6/19/2011	**Owner Addr 1:**	*PO BOX 800*
County Code:	19	**Owner Addr 2:**	*G01 QUAD 3A*
County Name:	Los Angeles	**Owner City:**	*ROSEMEAD*
Mail Name:	ENV HEALTH & SAFETY	**Owner State:**	*CA*
Mailing Addr 1:	PO BOX 800	**Owner Zip:**	*917700000*
Mailing Addr 2:		**Owner Phone:**	*6268628458*
Owner Fax:	6263022031		

Contact Information

--	--
Contact Name:	SARA M. DUVALL
Street Address 1:	PO BOX 800
Street Address 2:	
City:	ROSEMEAD
State:	CA
Zip:	917700000
Phone:	6268628458
--	--

Tanner Information

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Generator EPA ID:	CAC002661041
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD050806850
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	261
State Waste Code Desc.:	Polychlorinated biphenyls and material containing PCBs
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	4.80384
Year:	2011

33	*3 of 4*	*S*	*0.10 / 549.67*	*102.58*	***SOUTHERN CALIF EDISON*** ***1820 E GRAND AVE*** ***EL SEGUNDO CA 902450000***	***HAZNET***

SIC Code:		**Mailing City:**	*ROSEMEAD*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAC002273417	**Mailing Zip:**	*917700000*
Create Date:	7/11/2000	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*SO CAL EDISON*
Inact Date:	6/11/2001	**Owner Addr 1:**	*PO BOX 800 RM 405*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*ROSEMEAD*

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	PO BOX 800 RM 405	**Owner Zip:**	*917700000*
Mailing Addr 2:		**Owner Phone:**	*0000000000*
Owner Fax:			

Contact Information

--	--
Contact Name:	STEVE BLACLOCK/S & E SPEC
Street Address 1:	PO BOX 800 RM 405
Street Address 2:	
City:	ROSEMEAD
State:	CA
Zip:	917700000
Phone:	6612941525
--	--

Tanner Information

--	--
Generator EPA ID:	CAC002273417
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	1.2
Year:	2000
Generator EPA ID:	CAC002273417
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.05
Year:	2000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
33	*4 of 4*	*S*	*0.10 / 549.67*	*102.58*	***SOUTHERN CALIF EDISON/SEPULVEDA SUBSTAT*** ***1820 E GRAND AVE*** ***EL SEGUNDO CA 902450000***	***HAZNET***

SIC Code:		**Mailing City:**	*ALHAMBRA*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAC001470072	**Mailing Zip:**	*918020000*
Create Date:	3/18/1999	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*SOUTHERN CALIF EDISON*
Inact Date:	10/25/2000	**Owner Addr 1:**	*520 S MARENGO AVE*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*ALHAMBRA*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	520 S MARENGO AVE	**Owner Zip:**	*918020000*
Mailing Addr 2:		**Owner Phone:**	*0000000000*
Owner Fax:			

Contact Information

--	--
Contact Name:	TONY INFANTE/SAFETY SPEC
Street Address 1:	520 S MARENGO AVE
Street Address 2:	
City:	ALHAMBRA
State:	CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Zip:	918020000
Phone:	6263086707
--	--
Tanner Information	
--	--
Generator EPA ID:	CAC001470072
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	UTD981552177
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	261
State Waste Code Desc.:	Polychlorinated biphenyls and material containing PCBs
Method Code:	T03
Method Description:	Treatment, incineration
Tons:	4.587
Year:	1999
Generator EPA ID:	CAC001470072
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	UTD981552177
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	3.8
Year:	1999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
34	1 of 2	S	0.11 / 562.36	103.48	WEST COAST BARRIER PROJECT (9) EL SEGUNDO BLVD EL SEGUNDO CA 00000	FINDS/FRS

Registry ID:	110037253076
FIPS Code:	CA037
Program Acronyms:	NPDES
HUC Code:	18070104
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	ICIS
Source:	
County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	23-NOV-2008 16:53:33
Census Block Code:	060376200022014
Update Date:	11-JAN-2016 14:47:09
Location Description:	WEST COAST BARRIER PROJECT (9) EL SEGUNDO
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.919389
Longitude:	-118.396389
Coord Collection Method:	UNKNOWN
Accuracy Value:	30
Datum:	NAD83
Reference Point:	CENTER OF A FACILITY OR STATION
Interest Types:	ICIS-NPDES NON-MAJOR
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110037253076

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
34	2 of 2	S	0.11 / 562.36	103.48	WEST COAST BARRIER PROJECT (9) EL SEGUNDO BLVD EL SEGUNDO CA 00000	ICIS

EPA Region: 09
FRS Facility UIN: 110037253076
Program Syst ID: CA0060020
Prog Sys Acrnym: NPDES
Permit Type: NPDES Individual Permit

Federal Facility ID:
Tribal Land Code:
County: Los Angeles
Latitude: 33.919389
Longitude: -118.396389

--Details--
EA Identifier:
EA Type Code:
EA Type Desc:
EA Name:

Enf Act Forum Dsc:
Fac NAICS Code:
Facility SIC Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
35	1 of 1	SW	0.11 / 571.48	117.92	ELIN POINT ASSOC 1600 HOLLY AVE EL SEGUNDO CA 90245	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAC002553583
Create Date: 6/28/2002
Fac Act Ind: No
Inact Date: 3/18/2003
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: 3480 TORRANCE BLVD STE 300
Mailing Addr 2:
Owner Fax:

Mailing City: TORRANCE
Mailing State: CA
Mailing Zip: 90503
Region Code: 3
Owner Name: ELIN POINT ASSOC
Owner Addr 1: 3480 TORRANCE BLVD STE 300
Owner Addr 2:
Owner City: TORRANCE
Owner State: CA
Owner Zip: 90503
Owner Phone: 3105403990

Contact Information
-- --
Contact Name: DOUG AUSTIN
Street Address 1: 3480 TORRANCE BLVD STE 300
Street Address 2:
City: TORRANCE
State: CA
Zip: 90503
Phone: 3105403990
-- --
Tanner Information
-- --
Generator EPA ID: CAC002553583
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 222
State Waste Code Desc.: Oil/water separation sludge
Method Code: R01
Method Description: Recycler
Tons: 0.27105
Year: 2002

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
36	1 of 1	S	0.11 / 571.80	104.01	JIM & JACK AUTO BODY 307 SEPULVEDA BLVD N	LUST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

EL SEGUNDO CA 90245

Global ID:	T0603704033	**CUF Case:**	*NO*
Case Type:	LUST Cleanup Site	**Begin Date:**	*1989-10-02 00:00:00*
Status:	Completed - Case Closed	**How Discovered:**	*Tank Closure*
Status Date:	1992-10-08 00:00:00	**Stop Method:**	
RB Case No:	I-13092	**County:**	*Los Angeles*
LOC Case No:		**Latitude:**	*33.9193645*
Lead Agency:	EL SEGUNDO, CITY OF	**Longitude:**	*-118.3963002*
Case Worker:	SHT	**File Location:**	
Local Agency:	EL SEGUNDO, CITY OF		
Potential Cntm of Concrn:	Waste Oil / Motor / Hydraulic / Lubricating		
Potential Media Affected:	Soil		
How Discovered Description:			
Stop Description:			
Site History:			

Status History

--	--
Status:	Open - Case Begin Date
Status Date:	1989-10-02 00:00:00
--	--
Status:	Open - Site Assessment
Status Date:	1989-10-02 00:00:00
--	--
Status:	Completed - Case Closed
Status Date:	1992-10-08 00:00:00
--	--

Activities

--	--
Action Type:	Other
Date:	1989-10-02 00:00:00
Action:	Leak Discovery
--	--
Action Type:	Other
Date:	1989-10-02 00:00:00
Action:	Leak Stopped
--	--
Action Type:	Other
Date:	1990-09-26 00:00:00
Action:	Leak Reported
--	--

Contact Information

--	--
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:	
--	--
Contact Type:	Local Agency Caseworker
Contact Name:	STEVE TSUMURA
Organization Name:	EL SEGUNDO, CITY OF
Address:	314 MAIN STREET
City:	EL SEGUNDO
Email:	stsumura@elsegundo.org
Phone Number:	
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
37	*1 of 1*	*NW*	*0.11 / 576.15*	*123.08*	***VEN JOSHI*** ***605 WASHINGTON ST.*** ***EL SEGUNDO CA 90245***	***HAZNET***

SIC Code:		***Mailing City:***	*EL SEGUNDO*

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAC002739709	**Mailing Zip:**	*90245*
Create Date:	8/8/2013	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*VEN JOSHI*
Inact Date:	11/7/2013	**Owner Addr 1:**	*605 WASHINGTON ST.*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*EL SEGUNDO*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	605 WASHINGTON ST.	**Owner Zip:**	*90245*
Mailing Addr 2:		**Owner Phone:**	*3106484394*
Owner Fax:			

Contact Information

--	--
Contact Name:	VEN JOSHI
Street Address 1:	605 WASHINGTON ST.
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	90245
Phone:	3106484394
--	--

Tanner Information

--	--
Generator EPA ID:	CAC002739709
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD009007626
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	0.4
Year:	2013

38	*1 of 13*	*SSW*	*0.11 / 604.51*	*113.80*	***EL SEGUNDO CITY*** ***150 ILLINOIS ST*** ***EL SEGUNDO CA 90245-4352***	***FINDS/FRS***

Registry ID:	110013858511
FIPS Code:	06037
Program Acronyms:	EIS
HUC Code:	18070104
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
Source:	
County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	921190
Federal Facility Code:	
NAICS Code Descriptions:	OTHER GENERAL GOVERNMENT SUPPORT.
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	03-APR-2003 12:43:52
Census Block Code:	060376200022024
Update Date:	14-APR-2015 21:18:30
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.91677

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Longitude:	-118.398345
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	50
Datum:	NAD83
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Interest Types:	AIR EMISSIONS CLASSIFICATION UNKNOWN
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110013858511

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
38	2 of 13	SSW	0.11 / 604.51	113.80	CITY OF EL SEGUNDO - MAINTENANCE FACILITY 150 ILLINOIS ST EL SEGUNDO CA 90245	FINDS/FRS

Registry ID:	110065067796
FIPS Code:	
Program Acronyms:	CA-ENVIROVIEW
HUC Code:	18070104
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
Source:	
County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	10-OCT-2015 08:52:03
Census Block Code:	060376200022024
Update Date:	15-OCT-2015 07:33:43
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.91677
Longitude:	-118.398345
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	50
Datum:	NAD83
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Interest Types:	STATE MASTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110065067796

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
38	3 of 13	SSW	0.11 / 604.51	113.80	150 ILLINOIS EL SEGUNDO CA	HIST CHMIRS

OES Control NO:	9991567	**Incident Date:**	9/30/1988
Release Factors:	Design/Const/install/deficient	**Date Reported:**	9/30/1988
Release Text:		**Fatalities:**	
Equipm Involved:	HazMat Transfer Equip	**Other Injury:**	
Action Taken Text:		**Other Decon:**	
Chemicals:	PAINT THINNER	**Other Fatal:**	
Case Number:		**Vehicle:**	
HazMat Other:		**State:**	
HM Injury:		**CA DOT PUC ICC:**	
Decon:	10	**Company Name:**	
Agency Name:	EL SEGUNDO FD	**County:**	LOS ANGELES
HazMat Pers:	On-site Non-fire Serv.,MSDS,On-site Fire Services		
Action Taken:	Decon-Person/Equip,ID/Analysis of Hazmat,Remove Hazard (Neutralize),Secure Property,Traffic Control		
More than three involved?:	2		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
38	4 of 13	SSW	0.11 / 604.51	113.80	EL SEGUNDO MAINTENANCE FACILIT 150 ILLINOIS STREET EL SEGUNDO CA 90245	HHSS

County: Los Angeles
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026feb.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
38	5 of 13	SSW	0.11 / 604.51	113.80	150 ILLINOIS STREET EL SEGUNDO CA 902450000	HIST MANIFEST

Gen EPA ID: CAC000270377
Create Date: 04/12/1990 0:00
Inact Date: 10/25/2000 0:00:00
Facility Mail Street: --
Facility Mail City: COMPTON
Facility Mail State: CA
Facility Mail Zip: 902220000
Contact Phone(s): 2132327216
File Year(s): 1990
Contact Name(s): ANDRE FREDIEU, OFFICE ADM.

Tanner Information
-- --
Generator EPA ID: CAC000270377
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT000646117
TSD County Code: 16
TSD County: Kings
State Waste Code: 611
State Waste Code Desc.: Contaminated soil from site clean-up
Method Code:
Method Description:
Tons: 2.25
Year: 1990
-- --
Generator EPA ID: CAC000270377
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT000646117
TSD County Code: 16
TSD County: Kings
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1990
-- --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
38	6 of 13	SSW	0.11 / 604.51	113.80	150 ILLINOIS ST EL SEGUNDO CA 902450000	HIST MANIFEST

Gen EPA ID: CAX000214353
Create Date: 4/29/1985 0:00:00
Inact Date: 4/30/1986 0:00:00
Facility Mail Street: --
Facility Mail City: EL SEGUNDO
Facility Mail State: CA
Facility Mail Zip: 902450000
Contact Phone(s): 2133224311
File Year(s): 1985; 1986

Contact Name(s):	INACTIVE PER SURVEY 3-15-95LH
Tanner Information	
--	--
Generator EPA ID:	CAX000214353
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	141
State Waste Code Desc.:	Off-specification, aged or surplus inorganics
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.1
Year:	1985
--	--
Generator EPA ID:	CAX000214353
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	3
Method Description:	
Tons:	0
Year:	1986
--	--
Generator EPA ID:	CAX000214353
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	232
State Waste Code Desc.:	Pesticides and other waste associated with pesticide production
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.1
Year:	1985
--	--
Generator EPA ID:	CAX000214353
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	232
State Waste Code Desc.:	Pesticides and other waste associated with pesticide production
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.2
Year:	1986
--	--
Generator EPA ID:	CAX000214353
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	1.25
Year:	1985

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

--	--
Generator EPA ID:	CAX000214353
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.05
Year:	1986
--	--
Generator EPA ID:	CAX000214353
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	461
State Waste Code Desc.:	Paint sludge
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	2.2
Year:	1986
--	--
Generator EPA ID:	CAX000214353
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	513
State Waste Code Desc.:	Empty containers less than 30 gallons
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.05
Year:	1985
--	--
Generator EPA ID:	CAX000214353
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1986
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
38	7 of 13	SSW	0.11 / 604.51	113.80	150 ILLINOIS ST EL SEGUNDO CA 902450000	HIST MANIFEST

Gen EPA ID:	CAD981373566
Create Date:	04/10/1987 0:00
Inact Date:	
Facility Mail Street:	150 ILLINOIS STREET
Facility Mail City:	EL SEGUNDO
Facility Mail State:	CA
Facility Mail Zip:	902453813
Contact Phone(s):	3105242709
File Year(s):	1986; 1987; 1988; 1992
Contact Name(s):	RON FAJARDO, GENERAL SVCS MGR

Tanner Information

--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	141
State Waste Code Desc.:	Off-specification, aged or surplus inorganics
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.02
Year:	1987
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	UNK
Method Description:	Not specified
Tons:	0.02
Year:	1987
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.04
Year:	1987
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD080010101
TSD County Code:	0
TSD County:	
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	
Method Description:	
Tons:	0.13
Year:	1987
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD050099696
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	1
Method Description:	
Tons:	3.87
Year:	1987
--	--

Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080025711
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	4.92
Year:	1986
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	232
State Waste Code Desc.:	Pesticides and other waste associated with pesticide production
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.13
Year:	1987
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD099452708
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	H01
Method Description:	Transfer station
Tons:	2.85
Year:	1992
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080010101
TSD County Code:	37
TSD County:	San Diego
State Waste Code:	351
State Waste Code Desc.:	Organic solids with halogens
Method Code:	H01
Method Description:	Transfer station
Tons:	5.00E-03
Year:	1988
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	461
State Waste Code Desc.:	Paint sludge
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	2.07
Year:	1987
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles

TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	461
State Waste Code Desc.:	Paint sludge
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	3.8
Year:	1988
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	513
State Waste Code Desc.:	Empty containers less than 30 gallons
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.4
Year:	1988
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	612
State Waste Code Desc.:	Household waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.4
Year:	1988
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD050099696
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1987
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD099452708
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1992
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080025711
TSD County Code:	36
TSD County:	San Bernardino

State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1986
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080010101
TSD County Code:	37
TSD County:	San Diego
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1988
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1987
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1988
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD080010101
TSD County Code:	0
TSD County:	
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1987
--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	112
State Waste Code Desc.:	
Method Code:	D80

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Method Description: Disposal, landfill
Tons: 0.02
Year: 1987
-- --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
38	8 of 13	SSW	0.11 / 604.51	113.80	150 ILLINOIS ST EL SEGUNDO CA 90245	LA HMS

Site No: 010174
Area: 2N

--Details--
File No: 010045
File Name: CITY OF EL SEGUNDO EQUIP MAINT
Permit No: 00001491T
Permit Code: T
Permit Category Desc: Underground Storage Tank
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 0
Permit Type Desc: Underground Storage Tank Operating Permit
Status Code: CLOS
Status Desc: Permit Closed

File No: 020565
File Name: CITY OF EL SEGUNDO EQUIP MAINT
Permit No:
Permit Code:
Permit Category Desc:
Permit Status Code:
Permit Status Desc:
Permit Type:
Permit Type Desc:
Status Code: OPEN
Status Desc: File Opened, no permit exists

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
38	9 of 13	SSW	0.11 / 604.51	113.80	EL SEGUNDO CITY OF 150 ILLINOIS ST EL SEGUNDO CA 902450000	HAZNET

SIC Code: 9199
NAICS Code: 92119
EPA ID: CAD981373566
Create Date: 4/10/1987
Fac Act Ind: No
Inact Date: 6/30/2015
County Code: 19
County Name: Los Angeles
Mail Name: CITY OF EL SEGUNDO
Mailing Addr 1: 150 ILLINOIS STREET
Mailing Addr 2:
Owner Fax: 0000000000

Mailing City: *EL SEGUNDO*
Mailing State: *CA*
Mailing Zip: *902453813*
Region Code: *3*
Owner Name: *CITY OF EL SEGUNDO*
Owner Addr 1: *350 MAIN ST*
Owner Addr 2:
Owner City: *EL SEGUNDO*
Owner State: *CA*
Owner Zip: *902453813*
Owner Phone: *3105242709*

Contact Information
-- --
Contact Name: RON FAJARDO, GENERAL SVCS MGR
Street Address 1: 150 ILLINOIS ST
Street Address 2:
City: EL SEGUNDO
State: CA
Zip: 902450000
Phone: 3105242709
-- --
Tanner Information

--	--
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000088252
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H01
Method Description:	Transfer station
Tons:	0.8428
Year:	1993
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD009452708
TSD County Code:	
TSD County:	
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0.2293
Year:	1993
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD009452708
TSD County Code:	
TSD County:	
State Waste Code:	241
State Waste Code Desc.:	Tank bottom waste
Method Code:	R01
Method Description:	Recycler
Tons:	0.4586
Year:	1993
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD099452708
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	H01
Method Description:	Transfer station
Tons:	0.136
Year:	1993
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.198
Year:	1993
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	611

State Waste Code Desc.:	Contaminated soil from site clean-up
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.35
Year:	1993
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011059
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	3.4086
Year:	1993
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	T01
Method Description:	Treatment, tank
Tons:	0.95
Year:	1994
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	T01
Method Description:	Treatment, tank
Tons:	0.045
Year:	1994
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD093459485
TSD County Code:	10
TSD County:	Fresno
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	H01
Method Description:	Transfer station
Tons:	0.1152
Year:	1995
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD093459485
TSD County Code:	10
TSD County:	Fresno
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	H01
Method Description:	Transfer station
Tons:	0.1188
Year:	1996
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles

TSD EPA ID:	CAT000613893
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	
Method Description:	
Tons:	0.018
Year:	1996
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.1
Year:	1996
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD093459485
TSD County Code:	10
TSD County:	Fresno
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	H01
Method Description:	Transfer station
Tons:	0.1224
Year:	1997
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD093459485
TSD County Code:	10
TSD County:	Fresno
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	H01
Method Description:	Transfer station
Tons:	0.0576
Year:	1998
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000613893
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	H01
Method Description:	Transfer station
Tons:	0.0672
Year:	1998
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	T01
Method Description:	Treatment, tank
Tons:	0.6

Year:	1998
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	2.66
Year:	1998
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	241
State Waste Code Desc.:	Tank bottom waste
Method Code:	T01
Method Description:	Treatment, tank
Tons:	0.2293
Year:	1999
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD982484933
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	512
State Waste Code Desc.:	Other empty containers 30 gallons or more
Method Code:	R01
Method Description:	Recycler
Tons:	2
Year:	1999
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	T01
Method Description:	Treatment, tank
Tons:	0.6
Year:	1999
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.1
Year:	1999
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000613935
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134

State Waste Code Desc.: Aqueous solution with total organic residues less than 10 percent
Method Code: H01
Method Description: Transfer station
Tons: 0.0672
Year: 1999
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT000646117
TSD County Code: 16
TSD County: Kings
State Waste Code: 221
State Waste Code Desc.: Waste oil and mixed oil
Method Code: T01
Method Description: Treatment, tank
Tons: 2.2
Year: 2000
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 223
State Waste Code Desc.: Unspecified oil-containing waste
Method Code: R01
Method Description: Recycler
Tons: 0.0417
Year: 2000
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT000613935
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 134
State Waste Code Desc.: Aqueous solution with total organic residues less than 10 percent
Method Code: H01
Method Description: Transfer station
Tons: 0.1638
Year: 2000
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: TND000772186
TSD County Code: 99
TSD County: Unknown
State Waste Code: 223
State Waste Code Desc.: Unspecified oil-containing waste
Method Code: H01
Method Description: Transfer station
Tons: 0.2
Year: 2000
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT000646117
TSD County Code: 16
TSD County: Kings
State Waste Code: 221
State Waste Code Desc.: Waste oil and mixed oil
Method Code: T01
Method Description: Treatment, tank
Tons: 0.75
Year: 2001
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles

TSD EPA ID: CAD008252405
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: H01
Method Description: Transfer station
Tons: 0.0635
Year: 2002
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008252405
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: R01
Method Description: Recycler
Tons: 0.2475
Year: 2002
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD028409019
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 122
State Waste Code Desc.: Alkaline solution without metals pH >= 12.5
Method Code: H01
Method Description: Transfer station
Tons: 0.0695
Year: 2002
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD028409019
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: T01
Method Description: Treatment, tank
Tons: 0.825
Year: 2002
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD028409019
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 791
State Waste Code Desc.: Liquids with pH <= 2
Method Code: H01
Method Description: Transfer station
Tons: 0.0065
Year: 2002
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD028409019
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: H01
Method Description: Transfer station
Tons: 0.6475

Year:	2002
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD088504881
TSD County Code:	30
TSD County:	Orange
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H01
Method Description:	Transfer station
Tons:	0.7
Year:	2002
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H01
Method Description:	Transfer station
Tons:	0.027
Year:	2002
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	H01
Method Description:	Transfer station
Tons:	0.133
Year:	2002
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H01
Method Description:	Transfer station
Tons:	0.06
Year:	2002
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	T01
Method Description:	Treatment, tank
Tons:	0.3
Year:	2002
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD009007626
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151

State Waste Code Desc.: Asbestos containing waste
Method Code:
Method Description:
Tons: 0.8428
Year: 2003
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008252405
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: H01
Method Description: Transfer station
Tons: 0.0235
Year: 2003
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD088504881
TSD County Code: 30
TSD County: Orange
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code: H01
Method Description: Transfer station
Tons: 1.25
Year: 2003
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD028409019
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: H01
Method Description: Transfer station
Tons: 0.0755
Year: 2003
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD982444481
TSD County Code: 36
TSD County: San Bernardino
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: H01
Method Description: Transfer station
Tons: 0.108
Year: 2003
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD982444481
TSD County Code: 36
TSD County: San Bernardino
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: H01
Method Description: Transfer station
Tons: 0.025
Year: 2003
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles

TSD EPA ID: CAD008252405
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: H01
Method Description: Transfer station
Tons: 0.05
Year: 2004
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD028409019
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: H01
Method Description: Transfer station
Tons: 0.375
Year: 2004
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD982444481
TSD County Code: 36
TSD County: San Bernardino
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: R01
Method Description: Recycler
Tons: 0.0505
Year: 2004
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD088504881
TSD County Code: 30
TSD County: Orange
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code: H01
Method Description: Transfer station
Tons: 0.2285
Year: 2004
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008252405
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: H01
Method Description: Transfer station
Tons: 0.91
Year: 2005
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008252405
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: R01
Method Description: Recycler
Tons: 0.0525

Year:	2005
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H01
Method Description:	Transfer station
Tons:	0.034
Year:	2005
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD009007626
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.8428
Year:	2005
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD981696420
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	H01
Method Description:	Transfer station
Tons:	2.805
Year:	2005
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	R01
Method Description:	Recycler
Tons:	0.23
Year:	2005
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H01
Method Description:	Transfer station
Tons:	0.66
Year:	2006
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD981696420
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	222

State Waste Code Desc.:	Oil/water separation sludge
Method Code:	H01
Method Description:	Transfer station
Tons:	0.22935
Year:	2006
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	241
State Waste Code Desc.:	Tank bottom waste
Method Code:	R01
Method Description:	Recycler
Tons:	0.1251
Year:	2006
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	R01
Method Description:	Recycler
Tons:	0.0546
Year:	2006
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.675
Year:	2007
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	H061
Method Description:	FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons:	0.076
Year:	2007
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0035
Year:	2007
Generator EPA ID:	CAD981373566

Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 221
State Waste Code Desc.: Waste oil and mixed oil
Method Code: H039
Method Description: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons: 0.532
Year: 2007
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 221
State Waste Code Desc.: Waste oil and mixed oil
Method Code:
Method Description:
Tons: 3.8
Year: 2007
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: TXD982560294
TSD County Code: 99
TSD County: Unknown
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code:
Method Description:
Tons: 0.003
Year: 2007
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: TXD982560294
TSD County Code: 99
TSD County: Unknown
State Waste Code: 551
State Waste Code Desc.: Laboratory waste chemicals
Method Code: H040
Method Description: INCINERATION--THERMAL DESTRUCTION OTHER THAN USE AS A FUEL
Tons: 0.0045
Year: 2007
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008252405
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: H061
Method Description: FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons: 0.0475
Year: 2008
Generator EPA ID: CAD981373566
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008252405
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 134
State Waste Code Desc.: Aqueous solution with total organic residues less than 10 percent

Method Code:	H061
Method Description:	FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons:	0.126
Year:	2008
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.775
Year:	2008
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.13
Year:	2008
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	2.057
Year:	2008
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	H039
Method Description:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	3.42
Year:	2008
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	TXD982560294
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	741
State Waste Code Desc.:	Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Code:	
Method Description:	
Tons:	0.018
Year:	2008

Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	TXD982560294
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	551
State Waste Code Desc.:	Laboratory waste chemicals
Method Code:	
Method Description:	
Tons:	0.032
Year:	2008
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.45
Year:	2009
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	H039
Method Description:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	2.85
Year:	2009
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H061
Method Description:	FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons:	0.0375
Year:	2010
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.12
Year:	2010
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County Code:	36

TSD County:	San Bernardino
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.05
Year:	2010
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	H039
Method Description:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	2.565
Year:	2010
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	
Method Description:	
Tons:	
Year:	2011
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.225
Year:	2011
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	H039
Method Description:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	2.774
Year:	2011
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141

Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.08
Year:	2012
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	H039
Method Description:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	1.254
Year:	2012
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.315
Year:	2012
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	H039
Method Description:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	2.812
Year:	2013
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	0.2
Year:	2013
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.15

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Year:	2014
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	H039
Method Description:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	1.976
Year:	2014
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	0.15
Year:	2014
Generator EPA ID:	CAD981373566
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	H039
Method Description:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	1.9
Year:	2015

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
38	10 of 13	SSW	0.11 / 604.51	113.80	CITY OF EL SEGUNDO(CITY MAINT DEPT) 150 ILLINOIS ST EL SEGUNDO CA 902450000	HAZNET

SIC Code:		**Mailing City:**	*EL SEGUNDO*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAX000214353	**Mailing Zip:**	*902450000*
Create Date:	4/29/1985	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	--
Inact Date:	4/30/1986	**Owner Addr 1:**	--
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	--
Mail Name:		**Owner State:**	*99*
Mailing Addr 1:	--	**Owner Zip:**	--
Mailing Addr 2:		**Owner Phone:**	*0000000000*
Owner Fax:			

Contact Information

--	--
Contact Name:	INACTIVE PER SURVEY 3-15-95LH
Street Address 1:	--
Street Address 2:	
City:	--
State:	99
Zip:	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Phone:		2133224311				

38	11 of 13	SSW	0.11 / 604.51	113.80	**1X DIRT MASTERS** **150 ILLINOIS STREET** **EL SEGUNDO CA 902450000**	HAZNET

SIC Code:		**Mailing City:**	*COMPTON*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAC000270377	**Mailing Zip:**	*902220000*
Create Date:	4/12/1990	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*FELIX FREDIEU*
Inact Date:	10/25/2000	**Owner Addr 1:**	*--*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*--*
Mail Name:		**Owner State:**	*99*
Mailing Addr 1:	--	**Owner Zip:**	*--*
Mailing Addr 2:		**Owner Phone:**	*0000000000*
Owner Fax:			

Contact Information

--	--
Contact Name:	ANDRE FREDIEU, OFFICE ADM.
Street Address 1:	--
Street Address 2:	
City:	--
State:	99
Zip:	--
Phone:	2132327216

38	12 of 13	SSW	0.11 / 604.51	113.80	**City of El Segundo** **150 Illinois Street** **CA**	ELSEGUNDO UST

Permit:	30-0071	**Removal Date:**	
Type:	Open Tanks	**Closure Date:**	
Inspected:		**A1998:**	*03434*
Petroleum:	3	**Inspection Due:**	
Haz Substance:	2	**State ID:**	*010045*
State:			
Extra Comments:			

38	13 of 13	SSW	0.11 / 604.51	113.80	**El Segundo, City of** **150 Illinois Street** **El Segundo CA 90245**	ELSEGUNDO UST

Permit:		**Removal Date:**	
Type:	Closed Tanks	**Closure Date:**	*8/10/1999*
Inspected:		**A1998:**	
Petroleum:	4	**Inspection Due:**	
Haz Substance:	2	**State ID:**	
State:			
Extra Comments:			

39	1 of 1	N	0.12 / 621.59	125.41	**DEVLIN PHARMACEUTICALS, INC** **700 NORTH SEPULVEDA BLVD** **EL SEGUNDO CA 90245**	ENVIROSTOR

Estor/EPA ID:	19280313
Cleanup Status:	NO FURTHER ACTION AS OF 12/8/1994
Site Code:	
Site Type:	* HISTORICAL
Potential Media Affected:	SOIL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Past Uses Caused Contam: MANUFACTURING - OTHER
APN: NONE SPECIFIED
National Priorities List: NO
Cleab up Oversight Agenci: NONE SPECIFIED
Special Program: * SITE CHAR & ASSESS GRANT (CERCLA 104)
Funding:
Acres: NONE SPECIFIED
School District:
Assembly District: 62
Senate District: 26
Zip: 90245
Potential Contaminants:

TPH-GAS

Site History:

Facility Information
-- --
Program Type: HISTORICAL
Status: NO FURTHER ACTION
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=19280313
-- --
Completed Activities
-- --
Doc Link:
Area Name:
Sub Area:
Document Type: Site Screening
Date Completed: 12/8/1994
Comments: CALSITES VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.
Activity Type: Completed Activities
-- --
Doc Link:
Area Name:
Sub Area:
Document Type: Preliminary Assessment Report
Date Completed: 12/1/1985
Comments: SOURCE ACT: CONTACT W/ LICHTEN,HUGHES, & RABIN,OWNER - (DEVLIN)MFG OF PHARMACEUTL & VITAMINS, (RABIN'S)MFG OF PHARMACEUTIC & PROD OF ROSIN LIGHTER FLUID, (BERGEN) MFG OF PHARMACEUTICALS, (HUGHES) STORAGE OF OFFICE EQUIP. IN 1982 8 U/G TANKS USED BY RABINS WERE REMOVED BY RABIN W/O REGULATORY. SUBMIT TO EPA ENFORCEMENT(OTHER) CO ENGR. CLOSED CLARIFIER ON 10/29/85 PRELIM ASSESS DONE CERCLA 104
Activity Type: Completed Activities
-- --
Doc Link:
Area Name:
Sub Area:
Document Type: * Discovery
Date Completed: 4/3/1980
Comments: FACILITY IDENTIFIED IW SURVEY QUESTIONNAIRE 12580 QUESTIONNAIR RECIEVED IDENTIFIED DISCH METHOD & WASTE TYPE
Activity Type: Completed Activities
-- --

40	1 of 16	SSW	0.12 / 649.37	114.40	**AIRITE CO** **1700 EAST GRAND AVENUE** **EL SEGUNDO CA 90245-4332**	FINDS/FRS

Registry ID: 110010061627
FIPS Code: 06037
Program Acronyms: NPDES, TRIS
HUC Code: 18070104
Site Type Name: STATIONARY
EPA Region Code: 09
Conveyor: FRS-TRIS
Source:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

County Name:	LOS ANGELES
SIC Codes:	3499
SIC Code Descriptions:	FABRICATED METAL PRODUCTS, NOT ELSEWHERE CLASSIFIED
NAICS Codes:	332999
Federal Facility Code:	
NAICS Code Descriptions:	ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING.
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	01-MAR-2000 00:00:00
Census Block Code:	060376200022016
Update Date:	31-DEC-2015 10:09:04
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.91945
Longitude:	-118.39799
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Reference Point:	CENTER OF A FACILITY OR STATION
Interest Types:	ICIS-NPDES UNPERMITTED, TRI REPORTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110010061627

40	***2 of 16***	***SSW***	***0.12 / 649.37***	***114.40***	***SPIN FORGE A DIV OF DMC 1700 E GRAND AVE EL SEGUNDO CA 902454378***	***FINDS/FRS***

Registry ID:	110009553287
FIPS Code:	06037
Program Acronyms:	RCRAINFO
HUC Code:	18070104
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-GEOCODE
Source:	
County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	36
Create Date:	01-MAR-2000 00:00:00
Census Block Code:	060376200022016
Update Date:	26-JAN-2012 13:33:37
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.91945
Longitude:	-118.39799
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Reference Point:	CENTER OF A FACILITY OR STATION
Interest Types:	SQG
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110009553287

40	***3 of 16***	***SSW***	***0.12 / 649.37***	***114.40***	***1700 E GRAND AVE EL SEGUNDO CA 902450000***	***HIST MANIFEST***

Gen EPA ID:	CAD028131761
Create Date:	04/10/1987 0:00
Inact Date:	6/30/1994 0:00:00
Facility Mail Street:	1700 E GRAND AVE
Facility Mail City:	EL SEGUNDO
Facility Mail State:	CA
Facility Mail Zip:	902450000
Contact Phone(s):	--
File Year(s):	1987; 1988; 1989; 1990; 1991; 1992
Contact Name(s):	UNDELIVERABLE PER FEES 6/94

Tanner Information

--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD097030993
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	121
State Waste Code Desc.:	Alkaline solution (pH >= 12.5) with metals
Method Code:	T01
Method Description:	Treatment, tank
Tons:	0.2
Year:	1990
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	R01
Method Description:	Recycler
Tons:	6.25
Year:	1988
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	141
State Waste Code Desc.:	Off-specification, aged or surplus inorganics
Method Code:	3
Method Description:	
Tons:	0.12
Year:	1987
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD097030993
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	141
State Waste Code Desc.:	Off-specification, aged or surplus inorganics
Method Code:	T01
Method Description:	Treatment, tank
Tons:	2.50E-03
Year:	1990
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19

Generator County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	
Method Description:	
Tons:	1
Year:	1989
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	
Method Description:	
Tons:	5.86
Year:	1990
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	1.65
Year:	1990
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	4.21
Year:	1989
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	5.05
Year:	1990
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42

TSD County:	Santa Barbara
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.25
Year:	1988
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.47
Year:	1989
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	HAHQ36017252
TSD County Code:	0
TSD County:	
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	1
Method Description:	
Tons:	3.12
Year:	1990
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011051
TSD County Code:	0
TSD County:	
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	1
Method Description:	
Tons:	4.58
Year:	1991
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011059
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	UNK
Method Description:	Not specified
Tons:	32.31
Year:	1987
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil

Method Code:	UNK
Method Description:	Not specified
Tons:	11.25
Year:	1988
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011059
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	5.06
Year:	1987
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	45.66
Year:	1987
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	18.34
Year:	1988
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011059
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	4.58
Year:	1990
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	5

Year:	1990
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	21.26
Year:	1991
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	46.78
Year:	1992
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	HAHQ36017252
TSD County Code:	0
TSD County:	
State Waste Code:	222
State Waste Code Desc.:	Oil/water separation sludge
Method Code:	1
Method Description:	
Tons:	4.58
Year:	1990
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	222
State Waste Code Desc.:	Oil/water separation sludge
Method Code:	
Method Description:	
Tons:	5.47
Year:	1991
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	222
State Waste Code Desc.:	Oil/water separation sludge
Method Code:	
Method Description:	
Tons:	1.68
Year:	1992
--	--
Generator EPA ID:	CAD028131761

Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	NZT330010000
TSD County Code:	0
TSD County:	
State Waste Code:	222
State Waste Code Desc.:	Oil/water separation sludge
Method Code:	
Method Description:	
Tons:	1.68
Year:	1992
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	222
State Waste Code Desc.:	Oil/water separation sludge
Method Code:	R01
Method Description:	Recycler
Tons:	18.76
Year:	1988
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011059
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	222
State Waste Code Desc.:	Oil/water separation sludge
Method Code:	R01
Method Description:	Recycler
Tons:	23.56
Year:	1989
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	222
State Waste Code Desc.:	Oil/water separation sludge
Method Code:	R01
Method Description:	Recycler
Tons:	15.42
Year:	1989
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	1
Method Description:	
Tons:	8.34
Year:	1991
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	HAHQ36017292

TSD County Code:	0
TSD County:	
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	1
Method Description:	
Tons:	3.12
Year:	1990
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	R01
Method Description:	Recycler
Tons:	8.34
Year:	1987
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	R01
Method Description:	Recycler
Tons:	5.62
Year:	1988
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	R01
Method Description:	Recycler
Tons:	8.34
Year:	1990
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	R01
Method Description:	Recycler
Tons:	16.68
Year:	1992
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011059
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223

State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	5
Year:	1990
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	1.2
Year:	1989
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	AZD049318009
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.16
Year:	1992
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	461
State Waste Code Desc.:	Paint sludge
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.2
Year:	1988
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	491
State Waste Code Desc.:	Unspecified sludge waste
Method Code:	
Method Description:	
Tons:	4.21
Year:	1990
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080010101
TSD County Code:	37
TSD County:	San Diego
State Waste Code:	551
State Waste Code Desc.:	Laboratory waste chemicals
Method Code:	T01
Method Description:	Treatment, tank

Tons:	5.00E-03
Year:	1989
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080010101
TSD County Code:	37
TSD County:	San Diego
State Waste Code:	551
State Waste Code Desc.:	Laboratory waste chemicals
Method Code:	H01
Method Description:	Transfer station
Tons:	0.03
Year:	1989
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD097030993
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	792
State Waste Code Desc.:	Liquids with pH <= 2 with metals
Method Code:	T01
Method Description:	Treatment, tank
Tons:	0.16
Year:	1990
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1989
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1990
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1987
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011059
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1987
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1987
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1988
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1988
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011059
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1989
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles

TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1989
-- --
Generator EPA ID: CAD028131761
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD097030993
TSD County Code: 19
TSD County: Los Angeles
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1990
-- --
Generator EPA ID: CAD028131761
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080011059
TSD County Code: 19
TSD County: Los Angeles
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1990
-- --
Generator EPA ID: CAD028131761
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1990
-- --
Generator EPA ID: CAD028131761
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1991
-- --
Generator EPA ID: CAD028131761
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles

State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1992
-- --
Generator EPA ID: CAD028131761
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080010101
TSD County Code: 37
TSD County: San Diego
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1989
-- --
Generator EPA ID: CAD028131761
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD020748125
TSD County Code: 42
TSD County: Santa Barbara
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1987
-- --
Generator EPA ID: CAD028131761
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD020748125
TSD County Code: 42
TSD County: Santa Barbara
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1988
-- --
Generator EPA ID: CAD028131761
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD020748125
TSD County Code: 42
TSD County: Santa Barbara
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1989
-- --
Generator EPA ID: CAD028131761
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: NVT330010000
TSD County Code: 99
TSD County: Unknown
State Waste Code:
State Waste Code Desc.:
Method Code:

Method Description:
Tons: 0
Year: 1989
-- --
Generator EPA ID: CAD028131761
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: NVT330010000
TSD County Code: 99
TSD County: Unknown
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1990
-- --
Generator EPA ID: CAD028131761
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: NVT330010000
TSD County Code: 99
TSD County: Unknown
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1991
-- --
Generator EPA ID: CAD028131761
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: AZD049318009
TSD County Code: 99
TSD County: Unknown
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1992
-- --
Generator EPA ID: CAD028131761
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: NVT330010000
TSD County Code: 99
TSD County: Unknown
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1992
-- --
Generator EPA ID: CAD028131761
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID:
TSD County Code: 0
TSD County:
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1987

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Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	HAHQ36017252
TSD County Code:	0
TSD County:	
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1990
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	HAHQ36017292
TSD County Code:	0
TSD County:	
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1990
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011051
TSD County Code:	0
TSD County:	
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1991
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	NZT330010000
TSD County Code:	0
TSD County:	
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1992
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	
TSD County Code:	0
TSD County:	
State Waste Code:	113
State Waste Code Desc.:	
Method Code:	6
Method Description:	
Tons:	14.59
Year:	1987
--	--
Generator EPA ID:	CAD028131761
Generator County Code:	19

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	113
State Waste Code Desc.:	
Method Code:	D83
Method Description:	Disposal, surface impoundment
Tons:	15.84
Year:	1987
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
40	4 of 16	SSW	0.12 / 649.37	114.40	1700 E GRAND AVE EL SEGUNDO CA 902450000	HIST MANIFEST

Gen EPA ID:	CAX000111559
Create Date:	09/10/1984 0:00
Inact Date:	4/30/1986 0:00:00
Facility Mail Street:	--
Facility Mail City:	EL SEGUNDO
Facility Mail State:	CA
Facility Mail Zip:	902450000
Contact Phone(s):	2137726251
File Year(s):	1984; 1985; 1986; 1987
Contact Name(s):	HOWARD S. LITTLE

Tanner Information

--	--
Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.15
Year:	1986
--	--
Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011059
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	1.7
Year:	1985
--	--
Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	13.76
Year:	1986
--	--

Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	1.35
Year:	1985
--	--
Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	1
Method Description:	
Tons:	5
Year:	1985
--	--
Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD980737076
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	UNK
Method Description:	Not specified
Tons:	5.21
Year:	1986
--	--
Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	R01
Method Description:	Recycler
Tons:	4.17
Year:	1985
--	--
Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011059
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	R01
Method Description:	Recycler
Tons:	5.83
Year:	1986
--	--
Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles

TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	291
State Waste Code Desc.:	Latex waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.1
Year:	1986
--	--
Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	R01
Method Description:	Recycler
Tons:	3.75
Year:	1986
--	--
Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	491
State Waste Code Desc.:	Unspecified sludge waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	2.6
Year:	1986
--	--
Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	491
State Waste Code Desc.:	Unspecified sludge waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.35
Year:	1987
--	--
Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	512
State Waste Code Desc.:	Other empty containers 30 gallons or more
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.56
Year:	1985
--	--
Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara

State Waste Code:
State Waste Code Desc.:
Method Code: 3
Method Description:
Tons: 1.75
Year: 1986
-- --
Generator EPA ID: CAX000111559
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080011059
TSD County Code: 19
TSD County: Los Angeles
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1985
-- --
Generator EPA ID: CAX000111559
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1985
-- --
Generator EPA ID: CAX000111559
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD980737076
TSD County Code: 19
TSD County: Los Angeles
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1986
-- --
Generator EPA ID: CAX000111559
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080011059
TSD County Code: 19
TSD County: Los Angeles
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1986
-- --
Generator EPA ID: CAX000111559
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080033681
TSD County Code: 19
TSD County: Los Angeles
State Waste Code:
State Waste Code Desc.:
Method Code:

Method Description:	
Tons:	0
Year:	1986
--	--
Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080010101
TSD County Code:	37
TSD County:	San Diego
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1984
--	--
Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1985
--	--
Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1986
--	--
Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD020748125
TSD County Code:	42
TSD County:	Santa Barbara
State Waste Code:	
State Waste Code Desc.:	
Method Code:	
Method Description:	
Tons:	0
Year:	1987
--	--
Generator EPA ID:	CAX000111559
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080010101
TSD County Code:	37
TSD County:	San Diego
State Waste Code:	111
State Waste Code Desc.:	
Method Code:	T31
Method Description:	Neutralization
Tons:	1.1
Year:	1984

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
--		--				
40	5 of 16	SSW	0.12 / 649.37	114.40	1700 EAST GRAND AVENUE EL SEGUNDO CA 902450000	HIST MANIFEST

Gen EPA ID: CAL922203413
Create Date: 08/07/1992 0:00
Inact Date: 6/30/1998 0:00:00
Facility Mail Street: 1700 E GRAND AVE
Facility Mail City: EL SEGUNDO
Facility Mail State: CA
Facility Mail Zip: 902454332
Contact Phone(s): 3106408099
File Year(s): 1992
Contact Name(s): CLAY GORBET

Tanner Information

-- --
Generator EPA ID: CAL922203413
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAL000027741
TSD County Code: 5
TSD County:
State Waste Code: 151
State Waste Code Desc.: Asbestos containing waste
Method Code: D80
Method Description: Disposal, landfill
Tons: 58.99
Year: 1992
-- --
Generator EPA ID: CAL922203413
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 221
State Waste Code Desc.: Waste oil and mixed oil
Method Code: 1
Method Description:
Tons: 10.42
Year: 1992
-- --
Generator EPA ID: CAL922203413
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 223
State Waste Code Desc.: Unspecified oil-containing waste
Method Code: 1
Method Description:
Tons: 10.5
Year: 1992
-- --
Generator EPA ID: CAL922203413
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 223
State Waste Code Desc.: Unspecified oil-containing waste
Method Code: R01
Method Description: Recycler

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Tons: 6.25
Year: 1992
-- --
Generator EPA ID: CAL922203413
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1992
-- --
Generator EPA ID: CAL922203413
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAL000027741
TSD County Code: 5
TSD County:
State Waste Code:
State Waste Code Desc.:
Method Code:
Method Description:
Tons: 0
Year: 1992
-- --

40	6 of 16	SSW	0.12 / 649.37	114.40	1700 E GRAND AVE EL SEGUNDO CA 902454332	LA HMS

Site No: 008208
Area: 2N

--Details--
File No: 021539
File Name: SPIN FORGE DIVISION OF DMC
Permit No: 000222104
Permit Code: I
Permit Category Desc: Industrial Waste Permit
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Status Code: CLOS
Status Desc: Permit Closed

File No: I08739
File Name: SPIN FORGE INC
Permit No: 000011089
Permit Code: I
Permit Category Desc: Industrial Waste Permit
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Status Code: CLOS
Status Desc: Permit Closed

File No: I08739
File Name: SPIN FORGE INC
Permit No: 000012838
Permit Code: I
Permit Category Desc: Industrial Waste Permit

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Status Code: CLOS
Status Desc: Permit Closed

File No: I08739
File Name: SPIN FORGE INC
Permit No: 00012838C
Permit Code: I
Permit Category Desc: Industrial Waste Permit
Permit Status Code: REM
Permit Status Desc: Equipment Removed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Status Code: CLOS
Status Desc: Permit Closed

40	7 of 16	SSW	0.12 / 649.37	114.40	AIRITE A DOVER SARGENT CO 1700 E GRAND AVE EL SEGUNDO CA 902450000	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAD028131761
Create Date: 4/10/1987
Fac Act Ind: No
Inact Date: 6/30/1994
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: 1700 E GRAND AVE
Mailing Addr 2:
Owner Fax:

Mailing City: *EL SEGUNDO*
Mailing State: *CA*
Mailing Zip: *902450000*
Region Code: *3*
Owner Name: --
Owner Addr 1: --
Owner Addr 2:
Owner City: --
Owner State: *99*
Owner Zip: --
Owner Phone: *0000000000*

Contact Information
-- --
Contact Name: UNDELIVERABLE PER FEES 6/94
Street Address 1: --
Street Address 2:
City: --
State: 99
Zip: --
Phone: --
-- --

Tanner Information
-- --
Generator EPA ID: CAD028131761
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD099452708
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 223
State Waste Code Desc.: Unspecified oil-containing waste
Method Code: R01
Method Description: Recycler
Tons: 6.255
Year: 1993
Generator EPA ID: CAD028131761
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080010101
TSD County Code: 37
TSD County: San Diego

State Waste Code:	
State Waste Code Desc.:	
Method Code:	T01
Method Description:	Treatment, tank
Tons:	0.0208
Year:	1993
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080010101
TSD County Code:	37
TSD County:	San Diego
State Waste Code:	724
State Waste Code Desc.:	Liquids with lead >= 500 Mg./L
Method Code:	T01
Method Description:	Treatment, tank
Tons:	0.0208
Year:	1993
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080010101
TSD County Code:	37
TSD County:	San Diego
State Waste Code:	551
State Waste Code Desc.:	Laboratory waste chemicals
Method Code:	T01
Method Description:	Treatment, tank
Tons:	0.0416
Year:	1993
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011059
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	
Method Description:	
Tons:	0.0225
Year:	1993
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011059
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	R01
Method Description:	Recycler
Tons:	0.5
Year:	1993
Generator EPA ID:	CAD028131761
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011059
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	R01
Method Description:	Recycler
Tons:	0.55
Year:	1993
Generator EPA ID:	CAD028131761
Generator County Code:	19

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Generator County: Los Angeles
TSD EPA ID: CAT080011059
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture
Method Code: R01
Method Description: Recycler
Tons: 0.75
Year: 1993

40	8 of 16	SSW	0.12 / 649.37	114.40	**SOUTHERN CALIFORNIA EDISON CORP** **1700 E GRAND AVE** **EL SEGUNDO CA 902454332**	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAC002613046
Create Date: 2/6/2007
Fac Act Ind: No
Inact Date: 8/6/2007
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: PO BOX 800
Mailing Addr 2:
Owner Fax:

Mailing City: *ROSEMEAD*
Mailing State: *CA*
Mailing Zip: *917700800*
Region Code: *3*
Owner Name: *SOUTHERN CALIFORNIA EDISON CORP*
Owner Addr 1: *PO BOX 800*
Owner Addr 2:
Owner City: *ROSEMEAD*
Owner State: *CA*
Owner Zip: *917700800*
Owner Phone: *6263029711*

Contact Information
-- --
Contact Name: STAN MARSH
Street Address 1: PO BOX 800
Street Address 2:
City: ROSEMEAD
State: CA
Zip: 917700800
Phone: 6263029711
-- --

Tanner Information
-- --
Generator EPA ID: CAC002613046
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD050806850
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 261
State Waste Code Desc.: Polychlorinated biphenyls and material containing PCBs
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 7
Year: 2007

40	9 of 16	SSW	0.12 / 649.37	114.40	**CHAM MART ENGINEERING** **1700 E GRAND AVE** **EL SEGUNDO CA 90245**	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAC002611059
Create Date: 12/1/2006
Fac Act Ind: No
Inact Date: 5/31/2007
County Code: 19

Mailing City: *CORONA*
Mailing State: *CA*
Mailing Zip: *928797830*
Region Code: *3*
Owner Name: *CHATM MART ENGINEERING*
Owner Addr 1: *980 CHANTEL DR*
Owner Addr 2:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

County Name:	Los Angeles	**Owner City:**	*CORONA*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	980 CHANTEL DR	**Owner Zip:**	*928797830*
Mailing Addr 2:		**Owner Phone:**	*9518476156*
Owner Fax:			

Contact Information

--	--
Contact Name:	SAM OLALUWOYA
Street Address 1:	980 CHANTEL DR
Street Address 2:	
City:	CORONA
State:	CA
Zip:	928797830
Phone:	9518476156
--	--

Tanner Information

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Generator EPA ID:	CAC002611059
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD097030993
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	
Method Description:	
Tons:	
Year:	2006
Generator EPA ID:	CAC002611059
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD097030993
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.09
Year:	2006

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
40	10 of 16	SSW	0.12 / 649.37	114.40	***SPIN FORGE*** ***1700 E GRAND AVE*** ***EL SEGUNDO CA 902454332***	***HAZNET***

SIC Code:		**Mailing City:**	*EL SEGUNDO*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAL000144787	**Mailing Zip:**	*902454332*
Create Date:	1/3/1997	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*JOE ALLWEIN*
Inact Date:	6/30/2000	**Owner Addr 1:**	*1700 E GRAND AVE*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*EL SEGUNDO*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	1700 E GRAND AVE	**Owner Zip:**	*902454332*
Mailing Addr 2:		**Owner Phone:**	*3106408099*
Owner Fax:			

Contact Information

--	--
Contact Name:	CLAY GORBET
Street Address 1:	INACTIVE PER VQ01 - BMI
Street Address 2:	
City:	EL SEGUNDO

State:	CA
Zip:	902454332
Phone:	3106408099
--	--
Tanner Information	
--	--
Generator EPA ID:	CAL000144787
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000088252
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H01
Method Description:	Transfer station
Tons:	1.05
Year:	1997
Generator EPA ID:	CAL000144787
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000088252
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H01
Method Description:	Transfer station
Tons:	0.8
Year:	1997
Generator EPA ID:	CAL000144787
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080025711
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	1.045
Year:	1997
Generator EPA ID:	CAL000144787
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000088252
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H01
Method Description:	Transfer station
Tons:	0.5
Year:	1998
Generator EPA ID:	CAL000144787
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080025711
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	1.52
Year:	1998
Generator EPA ID:	CAL000144787
Generator County Code:	19

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Generator County:	Los Angeles
TSD EPA ID:	CAT080025711
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	222
State Waste Code Desc.:	Oil/water separation sludge
Method Code:	R01
Method Description:	Recycler
Tons:	2.085
Year:	1998
Generator EPA ID:	CAL000144787
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080025711
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	
Method Description:	
Tons:	1.33
Year:	1998
Generator EPA ID:	CAL000144787
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	722
State Waste Code Desc.:	Liquids with cadmium >= 100 Mg./L
Method Code:	R01
Method Description:	Recycler
Tons:	0.235
Year:	1998
Generator EPA ID:	CAL000144787
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	1.33
Year:	1999
Generator EPA ID:	CAL000144787
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	R01
Method Description:	Recycler
Tons:	2.2935
Year:	2000

40	***11 of 16***	***SSW***	***0.12 / 649.37***	***114.40***	***MAR CANYON GRAND LLC*** ***1700 E GRAND AVE*** ***EL SEGUNDO CA 90245***	***HAZNET***

SIC Code:		**Mailing City:**	*TORRANCE*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAC002612628	**Mailing Zip:**	*90504*
Create Date:	1/24/2007	**Region Code:**	*3*

Fac Act Ind:	No	**Owner Name:**	*MAR CANYON*
Inact Date:	7/24/2007	**Owner Addr 1:**	*2050 W 190TH ST STE 108*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*TORRANCE*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	2050 W 190TH ST STE 108	**Owner Zip:**	*90504*
Mailing Addr 2:		**Owner Phone:**	*3107874735*
Owner Fax:			

Contact Information

--	--
Contact Name:	LAURA MILLDRUM
Street Address 1:	2050 W 190TH ST STE 108
Street Address 2:	
City:	TORRANCE
State:	CA
Zip:	90504
Phone:	3107874735
--	--
Tanner Information	
--	--
Generator EPA ID:	CAC002612628
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD009007626
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	1.2
Year:	2007
Generator EPA ID:	CAC002612628
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0375
Year:	2007
Generator EPA ID:	CAC002612628
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.6
Year:	2007
Generator EPA ID:	CAC002612628
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	241
State Waste Code Desc.:	Tank bottom waste

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Method Code: H135
Method Description: DISCHARGE TO SEWER/POTW OR NPDES(WITH PRIOR STORAGE--WITH OR WITHOUT TREATMENT)
Tons: 0.2085
Year: 2007

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40 | **12 of 16** | **SSW** | **0.12 / 649.37** | **114.40** | **SARGENT INDUSTRIES/AIRITE DIV.**
1700 E GRAND AVE
EL SEGUNDO CA 902450000 | **HAZNET**

SIC Code:
NAICS Code:
EPA ID: CAX000111559
Create Date: 9/10/1984
Fac Act Ind: No
Inact Date: 4/30/1986
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: --
Mailing Addr 2:
Owner Fax:

Mailing City: EL SEGUNDO
Mailing State: CA
Mailing Zip: 902450000
Region Code: 3
Owner Name: --
Owner Addr 1: --
Owner Addr 2:
Owner City: --
Owner State: 99
Owner Zip: --
Owner Phone: 0000000000

Contact Information
-- --
Contact Name: HOWARD S. LITTLE
Street Address 1: --
Street Address 2:
City: --
State: 99
Zip: --
Phone: 2137726251

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40 | **13 of 16** | **SSW** | **0.12 / 649.37** | **114.40** | **AEROJET GENERAL CORP EL SEGUNDO OPERATIONS**
1700 E GRAND AVE
EL SEGUNDO CA 90245 | **HAZNET**

SIC Code: 3764
NAICS Code: 336415
EPA ID: CAL000287179
Create Date: 10/14/2004 10:34:23 AM
Fac Act Ind: No
Inact Date: 6/30/2006
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: 1700 E GRAND AVE
Mailing Addr 2:
Owner Fax:

Mailing City: EL SEGUNDO
Mailing State: CA
Mailing Zip: 90245
Region Code: 3
Owner Name: AEROJET GENERAL CORPORATION
Owner Addr 1: PO BOX 13222
Owner Addr 2:
Owner City: SACRAMENTO
Owner State: CA
Owner Zip: 95813
Owner Phone: 9163552387

Contact Information
-- --
Contact Name: R RUTHERFORD DIR LOS ANGELES
Street Address 1: 1700 E GRAND AVE
Street Address 2:
City: EL SEGUNDO
State: CA
Zip: 90245
Phone: 3232770910
-- --
Tanner Information
-- --
Generator EPA ID: CAL000287179
Generator County Code: 19
Generator County: Los Angeles

TSD EPA ID: AZR000002428
TSD County Code: 99
TSD County: Unknown
State Waste Code: 223
State Waste Code Desc.: Unspecified oil-containing waste
Method Code: D80
Method Description: Disposal, landfill
Tons: 43.368
Year: 2004
Generator EPA ID: CAL000287179
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: NVT330010000
TSD County Code: 99
TSD County: Unknown
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: D80
Method Description: Disposal, landfill
Tons: 1
Year: 2004
Generator EPA ID: CAL000287179
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: NVT330010000
TSD County Code: 99
TSD County: Unknown
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code: D80
Method Description: Disposal, landfill
Tons: 0.375
Year: 2004
Generator EPA ID: CAL000287179
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: AZR000002428
TSD County Code: 99
TSD County: Unknown
State Waste Code: 223
State Waste Code Desc.: Unspecified oil-containing waste
Method Code: D80
Method Description: Disposal, landfill
Tons: 99.246
Year: 2005
Generator EPA ID: CAL000287179
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD088504881
TSD County Code: 30
TSD County: Orange
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code: H01
Method Description: Transfer station
Tons: 2.7
Year: 2005
Generator EPA ID: CAL000287179
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD097030993
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 132
State Waste Code Desc.: Aqueous solution with metals (< restricted levels and see 121)
Method Code: H01
Method Description: Transfer station
Tons: 20.85

Year:	2005
Generator EPA ID:	CAL000287179
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	1.575
Year:	2005
Generator EPA ID:	CAL000287179
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	
TSD County Code:	
TSD County:	
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H039
Method Description:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	2.085
Year:	2006
Generator EPA ID:	CAL000287179
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.125
Year:	2005
Generator EPA ID:	CAL000287179
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	R01
Method Description:	Recycler
Tons:	0.0561
Year:	2006
Generator EPA ID:	CAL000287179
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	H01
Method Description:	Transfer station
Tons:	0.002
Year:	2006
Generator EPA ID:	CAL000287179
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County Code:	19
TSD County:	Los Angeles

State Waste Code:	214
State Waste Code Desc.:	Unspecified solvent mixture
Method Code:	H061
Method Description:	FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons:	0.072
Year:	2006
Generator EPA ID:	CAL000287179
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD097030993
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H01
Method Description:	Transfer station
Tons:	0.1
Year:	2006
Generator EPA ID:	CAL000287179
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD097030993
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	
Method Description:	
Tons:	1.75
Year:	2006
Generator EPA ID:	CAL000287179
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD097030993
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.5
Year:	2006
Generator EPA ID:	CAL000287179
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD097030993
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	
State Waste Code Desc.:	
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	
Year:	2006
Generator EPA ID:	CAL000287179
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD097030993
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	141
State Waste Code Desc.:	Off-specification, aged or surplus inorganics
Method Code:	H135
Method Description:	DISCHARGE TO SEWER/POTW OR NPDES(WITH PRIOR STORAGE--WITH OR WITHOUT TREATMENT)
Tons:	0.417
Year:	2006

Generator EPA ID:	CAL000287179
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	R01
Method Description:	Recycler
Tons:	62.133
Year:	2006
Generator EPA ID:	CAL000287179
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H135
Method Description:	DISCHARGE TO SEWER/POTW OR NPDES(WITH PRIOR STORAGE--WITH OR WITHOUT TREATMENT)
Tons:	98.829
Year:	2006
Generator EPA ID:	CAL000287179
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013357
TSD County Code:	
TSD County:	
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	H135
Method Description:	DISCHARGE TO SEWER/POTW OR NPDES(WITH PRIOR STORAGE--WITH OR WITHOUT TREATMENT)
Tons:	8.34
Year:	2006
Generator EPA ID:	CAL000287179
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.2
Year:	2006
Generator EPA ID:	CAL000287179
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	AZC950823111
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H132
Method Description:	LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)
Tons:	12.642
Year:	2007
Generator EPA ID:	CAL000287179
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	214

State Waste Code Desc.: Unspecified solvent mixture
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.05
Year: 2007
Generator EPA ID: CAL000287179
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008252405
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: H061
Method Description: FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE
Tons: 0.1
Year: 2007
Generator EPA ID: CAL000287179
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD097030993
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 5.6
Year: 2007
Generator EPA ID: CAL000287179
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD097030993
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 343
State Waste Code Desc.: Unspecified organic liquid mixture
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.125
Year: 2007
Generator EPA ID: CAL000287179
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD097030993
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 141
State Waste Code Desc.: Off-specification, aged or surplus inorganics
Method Code: H141
Method Description: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons: 0.33
Year: 2007
Generator EPA ID: CAL000287179
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 223
State Waste Code Desc.: Unspecified oil-containing waste
Method Code: H135
Method Description: DISCHARGE TO SEWER/POTW OR NPDES(WITH PRIOR STORAGE--WITH OR WITHOUT TREATMENT)
Tons: 13.344

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Year:	2007
Generator EPA ID:	CAL000287179
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	H039
Method Description:	OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT
Tons:	1.14
Year:	2007

40	14 of 16	SSW	0.12 / 649.37	114.40	**SPIN FORGE INTERNATIONAL INC** **1700 EAST GRAND AVENUE** **EL SEGUNDO CA 902450000**	HAZNET

SIC Code:		**Mailing City:**	*EL SEGUNDO*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAL922203413	**Mailing Zip:**	*902454332*
Create Date:	8/7/1992	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*CORPORATION*
Inact Date:	6/30/1998	**Owner Addr 1:**	*1700 E GRAND AVE*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*EL SEGUNDO*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	1700 E GRAND AVE	**Owner Zip:**	*902454332*
Mailing Addr 2:		**Owner Phone:**	*3106408099*
Owner Fax:			

Contact Information

--	--
Contact Name:	CLAY GORBET
Street Address 1:	INACTIVE PER VQ98 - BMI
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	902454332
Phone:	3106408099
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Tanner Information

--	--
Generator EPA ID:	CAL922203413
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	UTD991301748
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	
Method Description:	
Tons:	1
Year:	1993
Generator EPA ID:	CAL922203413
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD059494310
TSD County Code:	43
TSD County:	Santa Clara
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	D99
Method Description:	Disposal, other

Tons:	0.8428
Year:	1994
Generator EPA ID:	CAL922203413
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011059
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	1.75
Year:	1994
Generator EPA ID:	CAL922203413
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011059
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	10.393
Year:	1994
Generator EPA ID:	CAL922203413
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	UTD991301748
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.8428
Year:	1994
Generator EPA ID:	CAL922203413
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011059
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	3.04
Year:	1995
Generator EPA ID:	CAL922203413
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011059
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	R01
Method Description:	Recycler
Tons:	5.004
Year:	1995
Generator EPA ID:	CAL922203413
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000088252
TSD County Code:	19
TSD County:	Los Angeles

State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H01
Method Description:	Transfer station
Tons:	0.4
Year:	1996
Generator EPA ID:	CAL922203413
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000088252
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	591
State Waste Code Desc.:	Baghouse waste
Method Code:	H01
Method Description:	Transfer station
Tons:	0.7775
Year:	1996
Generator EPA ID:	CAL922203413
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008364432
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	1.6856
Year:	1996
Generator EPA ID:	CAL922203413
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H01
Method Description:	Transfer station
Tons:	3.9
Year:	1996
Generator EPA ID:	CAL922203413
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD982444481
TSD County Code:	36
TSD County:	San Bernardino
State Waste Code:	***
State Waste Code Desc.:	Invalid waste code
Method Code:	
Method Description:	
Tons:	0.8428
Year:	1996
Generator EPA ID:	CAL922203413
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080011059
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	
Method Description:	
Tons:	1.805
Year:	1996
Generator EPA ID:	CAL922203413
Generator County Code:	19

Generator County: Los Angeles
TSD EPA ID: CAT080011059
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 221
State Waste Code Desc.: Waste oil and mixed oil
Method Code: R01
Method Description: Recycler
Tons: 34.96
Year: 1996
Generator EPA ID: CAL922203413
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080011059
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 134
State Waste Code Desc.: Aqueous solution with total organic residues less than 10 percent
Method Code: R01
Method Description: Recycler
Tons: 5.04
Year: 1996
Generator EPA ID: CAL922203413
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080011059
TSD County Code: 19
TSD County: Los Angeles
State Waste Code:
State Waste Code Desc.:
Method Code: R01
Method Description: Recycler
Tons: 0
Year: 1996
Generator EPA ID: CAL922203413
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 135
State Waste Code Desc.: Unspecified aqueous solution
Method Code: R01
Method Description: Recycler
Tons: 12.6
Year: 1996
Generator EPA ID: CAL922203413
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080022148
TSD County Code: 36
TSD County: San Bernardino
State Waste Code: 591
State Waste Code Desc.: Baghouse waste
Method Code: H01
Method Description: Transfer station
Tons: 0.35
Year: 1996
Generator EPA ID: CAL922203413
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000088252
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: H01
Method Description: Transfer station

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Tons: 0.5
Year: 1997

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40 | **15 of 16** | **SSW** | **0.12 / 649.37** | **114.40** | **SPIN FORGE A DIV OF DMC**
1700 E GRAND AVE
EL SEGUNDO CA 902454378 | **HAZNET**

SIC Code: 3999
NAICS Code: 332999
EPA ID: CAR000038240
Create Date: 5/13/1998
Fac Act Ind: No
Inact Date: 10/1/2004
County Code: 19
County Name: Los Angeles
Mail Name:
Mailing Addr 1: 1700 E GRAND AVE
Mailing Addr 2:
Owner Fax:

Mailing City: EL SEGUNDO
Mailing State: CA
Mailing Zip: 902454378
Region Code: 3
Owner Name: DYNAMIC MATERIALS CORP
Owner Addr 1: 5405 SPINE ROAD
Owner Addr 2:
Owner City: BOULDER
Owner State: CO
Owner Zip: 803010000
Owner Phone: 3036043925

Contact Information
-- --
Contact Name: MR ROBERT MCLEMORE, DIR ENGR'G
Street Address 1: 1700 E GRAND AVE
Street Address 2:
City: EL SEGUNDO
State: CA
Zip: 902454378
Phone: 3106408099
-- --

Tanner Information
-- --
Generator EPA ID: CAR000038240
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000088252
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: H01
Method Description: Transfer station
Tons: 0.5
Year: 1998
Generator EPA ID: CAR000038240
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000088252
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code: H01
Method Description: Transfer station
Tons: 2
Year: 1998
Generator EPA ID: CAR000038240
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD099452708
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 221
State Waste Code Desc.: Waste oil and mixed oil
Method Code: R01
Method Description: Recycler
Tons: 8.93

Year:	1998
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000088252
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H01
Method Description:	Transfer station
Tons:	0.8428
Year:	1999
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000088252
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H01
Method Description:	Transfer station
Tons:	1.05
Year:	1999
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD099452708
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	4.56
Year:	1999
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.73
Year:	1999
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	223
State Waste Code Desc.:	Unspecified oil-containing waste
Method Code:	R01
Method Description:	Recycler
Tons:	15.6375
Year:	1999
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181

State Waste Code Desc.: Other inorganic solid waste
Method Code: D80
Method Description: Disposal, landfill
Tons: 0.9
Year: 1999
Generator EPA ID: CAR000038240
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD028409019
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: H01
Method Description: Transfer station
Tons: 1.0078
Year: 2000
Generator EPA ID: CAR000038240
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 221
State Waste Code Desc.: Waste oil and mixed oil
Method Code: R01
Method Description: Recycler
Tons: 4.37
Year: 2000
Generator EPA ID: CAR000038240
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 223
State Waste Code Desc.: Unspecified oil-containing waste
Method Code: R01
Method Description: Recycler
Tons: 15.429
Year: 2000
Generator EPA ID: CAR000038240
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080033681
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code: D80
Method Description: Disposal, landfill
Tons: 1.4
Year: 2000
Generator EPA ID: CAR000038240
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080033681
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: D80
Method Description: Disposal, landfill
Tons: 1.6856
Year: 2000
Generator EPA ID: CAR000038240
Generator County Code: 19
Generator County: Los Angeles

TSD EPA ID: CAT080033681
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 222
State Waste Code Desc.: Oil/water separation sludge
Method Code: R01
Method Description: Recycler
Tons: 4.17
Year: 2000
Generator EPA ID: CAR000038240
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD028409019
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: H01
Method Description: Transfer station
Tons: 0.4
Year: 2001
Generator EPA ID: CAR000038240
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 221
State Waste Code Desc.: Waste oil and mixed oil
Method Code: R01
Method Description: Recycler
Tons: 15.77
Year: 2001
Generator EPA ID: CAR000038240
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 223
State Waste Code Desc.: Unspecified oil-containing waste
Method Code: R01
Method Description: Recycler
Tons: 6.255
Year: 2001
Generator EPA ID: CAR000038240
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080013352
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 221
State Waste Code Desc.: Waste oil and mixed oil
Method Code: R01
Method Description: Recycler
Tons: 23.275
Year: 2002
Generator EPA ID: CAR000038240
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAT080033681
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: D80
Method Description: Disposal, landfill
Tons: 0.4

Year:	2002
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County Code:	99
TSD County:	Unknown
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	1.2178
Year:	2002
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	212
State Waste Code Desc.:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Code:	H01
Method Description:	Transfer station
Tons:	0.005
Year:	2003
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008252405
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	R01
Method Description:	Recycler
Tons:	0.15
Year:	2003
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H01
Method Description:	Transfer station
Tons:	0.0005
Year:	2003
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	2.3356
Year:	2003
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181

State Waste Code Desc.:	Other inorganic solid waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.0025
Year:	2003
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.15
Year:	2003
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	R01
Method Description:	Recycler
Tons:	0.02
Year:	2003
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	141
State Waste Code Desc.:	Off-specification, aged or surplus inorganics
Method Code:	R01
Method Description:	Recycler
Tons:	0.006
Year:	2003
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	29.83
Year:	2003
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080013352
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	5.51
Year:	2004
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	141
State Waste Code Desc.:	Off-specification, aged or surplus inorganics
Method Code:	R01
Method Description:	Recycler
Tons:	0.09174
Year:	2006
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	141
State Waste Code Desc.:	Off-specification, aged or surplus inorganics
Method Code:	T03
Method Description:	Treatment, incineration
Tons:	0.00834
Year:	2006
Generator EPA ID:	CAR000038240
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.8428
Year:	2006

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
40	16 of 16	SSW	0.12 / 649.37	114.40	SPIN FORGE A DIV OF DMC 1700 E GRAND AVE EL SEGUNDO CA 902454378	RCRA SQG

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAR000038240
Current Site Name:	SPIN FORGE A DIV OF DMC
Generator Status Universe:	Small Quantity Generator
Land Type:	Private
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	1700 E GRAND AVE, EL SEGUNDO, CA, 902454378,
Contact Name:	CLAY GORBET
Contact Address:	1700 E GRAND AVE, EL SEGUNDO, CA, 902454378, US
Contact Email:	
Location Street 2:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	DYNAMIC MATERIALS CORP
Owner/Operator Address:	551 ASPEN RIDGE DR LAFAYETTE CO 80026
Owner/Operator Phone:	3036655700
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Handler Information	
--	--
Date Received:	19980403
Facility Name:	SPIN FORGE A DIV OF DMC
Classification:	Small Quantity Generator
--	--
Hazardous Waste Information	
--	--
Waste Code:	D000
Waste:	DESCRIPTION
Waste Code Active Status:	No
BR Waste Code Active Status:	No
--	--
Waste Code:	D006
Waste:	CADMIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--

41	1 of 2	ENE	0.12 / 656.65	112.51	**RAYTHEON** **1917-21 E MARIPOSA AVE** **EL SEGUNDO CA 902450000**	HAZNET

SIC Code:	3679	**Mailing City:**	*EL SEGUNDO*
NAICS Code:	334419	**Mailing State:**	*CA*
EPA ID:	CAL000170201	**Mailing Zip:**	*902454501*
Create Date:	1/22/1998	**Region Code:**	*3*
Fac Act Ind:	Yes	**Owner Name:**	*RAYTHEON COMPANY*
Inact Date:		**Owner Addr 1:**	*870 WINTER ST*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*WALTHAM*
Mail Name:		**Owner State:**	*MA*
Mailing Addr 1:	2000 E EL SEGUNDO BLVD	**Owner Zip:**	*024511449*
Mailing Addr 2:	EO E4 N140	**Owner Phone:**	*7817693991*
Owner Fax:	0000000000		

Contact Information	
--	--
Contact Name:	MANJU MOHAN
Street Address 1:	2000 E. EL SEGUNDO BLVD.
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	90245
Phone:	3106471204
--	--
Tanner Information	
--	--
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	213

State Waste Code Desc.:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.0625
Year:	1998
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.35
Year:	1998
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	351
State Waste Code Desc.:	Organic solids with halogens
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.0125
Year:	1998
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	212
State Waste Code Desc.:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.199
Year:	1998
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.04
Year:	1998
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.063
Year:	1999
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles

TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code: D99
Method Description: Disposal, other
Tons: 0.2815
Year: 1999
Generator EPA ID: CAL000170201
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture
Method Code: D99
Method Description: Disposal, other
Tons: 0.0225
Year: 1999
Generator EPA ID: CAL000170201
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: D99
Method Description: Disposal, other
Tons: 0.031
Year: 1999
Generator EPA ID: CAL000170201
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008302903
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 135
State Waste Code Desc.: Unspecified aqueous solution
Method Code: R01
Method Description: Recycler
Tons: 1.47
Year: 1999
Generator EPA ID: CAL000170201
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: D99
Method Description: Disposal, other
Tons: 0.0175
Year: 2000
Generator EPA ID: CAL000170201
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: D99
Method Description: Disposal, other
Tons: 0.02

Year:	2000
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.001
Year:	2000
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	551
State Waste Code Desc.:	Laboratory waste chemicals
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.006
Year:	2002
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.05
Year:	2004
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	792
State Waste Code Desc.:	Liquids with pH <= 2 with metals
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.06
Year:	2005
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	551
State Waste Code Desc.:	Laboratory waste chemicals
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.005
Year:	2006
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles

State Waste Code:	551
State Waste Code Desc.:	Laboratory waste chemicals
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.015
Year:	2006
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.03
Year:	2006
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	331
State Waste Code Desc.:	Off-specification, aged or surplus organics
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.0125
Year:	2006
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.0025
Year:	2006
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	551
State Waste Code Desc.:	Laboratory waste chemicals
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.01
Year:	2007
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	551
State Waste Code Desc.:	Laboratory waste chemicals
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0285

Year:	2009
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	551
State Waste Code Desc.:	Laboratory waste chemicals
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.02
Year:	2011
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	551
State Waste Code Desc.:	Laboratory waste chemicals
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.02
Year:	2012
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	
Method Description:	
Tons:	0.0385
Year:	2013
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0075
Year:	2013
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.06
Year:	2013
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0105
Year:	2014
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	792
State Waste Code Desc.:	Liquids with pH <= 2 with metals
Method Code:	
Method Description:	
Tons:	0.006
Year:	2014
Generator EPA ID:	CAL000170201
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H141
Method Description:	STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/REOVERY (H010-H129) OR (H131-H135)
Tons:	0.0035
Year:	2015

41	2 of 2	ENE	0.12 / 656.65	112.51	**HUGHES AIRCRAFT COMPANY** **1917-21 EAST MARIPOSA AVENUE** **EL SEGUNDO CA 902450000**	HAZNET

SIC Code:		**Mailing City:**	*EL SEGUNDO*
NAICS Code:		**Mailing State:**	*CA*
EPA ID:	CAL000115835	**Mailing Zip:**	*902450902*
Create Date:	3/22/1994	**Region Code:**	*3*
Fac Act Ind:	No	**Owner Name:**	*HUGHES AIRCRAFT CO*
Inact Date:	6/30/1999	**Owner Addr 1:**	*7200 HUGHES TERRACE*
County Code:	19	**Owner Addr 2:**	
County Name:	Los Angeles	**Owner City:**	*LOS ANGELES*
Mail Name:		**Owner State:**	*CA*
Mailing Addr 1:	PO BOX 902 E21/S195	**Owner Zip:**	*900802173*
Mailing Addr 2:		**Owner Phone:**	*7818602590*
Owner Fax:			

Contact Information	
--	--
Contact Name:	DEAN RICHARDSON
Street Address 1:	INACTIVE PER 1999VQ-LH
Street Address 2:	
City:	EL SEGUNDO
State:	CA
Zip:	902450902
Phone:	3106165285
--	--
Tanner Information	
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Generator EPA ID:	CAL000115835

Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code: D99
Method Description: Disposal, other
Tons: 0.0395
Year: 1994
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 351
State Waste Code Desc.: Organic solids with halogens
Method Code: D99
Method Description: Disposal, other
Tons: 0.0275
Year: 1994
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD003963592
TSD County Code: 43
TSD County: Santa Clara
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code: R01
Method Description: Recycler
Tons: 0.075
Year: 1994
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD008302903
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 351
State Waste Code Desc.: Organic solids with halogens
Method Code: H01
Method Description: Transfer station
Tons: 0.02
Year: 1994
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code: D99
Method Description: Disposal, other
Tons: 0.3
Year: 1995
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 214
State Waste Code Desc.: Unspecified solvent mixture
Method Code: D99

Method Description:	Disposal, other
Tons:	0.036
Year:	1995
Generator EPA ID:	CAL000115835
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	
Method Description:	
Tons:	0.126
Year:	1995
Generator EPA ID:	CAL000115835
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.252
Year:	1995
Generator EPA ID:	CAL000115835
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	135
State Waste Code Desc.:	Unspecified aqueous solution
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.168
Year:	1995
Generator EPA ID:	CAL000115835
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	
Method Description:	
Tons:	0.15
Year:	1995
Generator EPA ID:	CAL000115835
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	213
State Waste Code Desc.:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.075
Year:	1995
Generator EPA ID:	CAL000115835
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19

TSD County: Los Angeles
State Waste Code: 351
State Waste Code Desc.: Organic solids with halogens
Method Code: D99
Method Description: Disposal, other
Tons: 0.0625
Year: 1995
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 351
State Waste Code Desc.: Organic solids with halogens
Method Code:
Method Description:
Tons: 0.02
Year: 1995
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 212
State Waste Code Desc.: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Code: D99
Method Description: Disposal, other
Tons: 0.1357
Year: 1995
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 341
State Waste Code Desc.: Organic liquids (nonsolvents) with halogens
Method Code: D99
Method Description: Disposal, other
Tons: 0.0208
Year: 1996
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 351
State Waste Code Desc.: Organic solids with halogens
Method Code: D99
Method Description: Disposal, other
Tons: 0.0275
Year: 1996
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: D99
Method Description: Disposal, other
Tons: 0.0693
Year: 1996
Generator EPA ID: CAL000115835

Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code:
Method Description:
Tons: 0.05
Year: 1996
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 343
State Waste Code Desc.: Unspecified organic liquid mixture
Method Code: D99
Method Description: Disposal, other
Tons: 0.034
Year: 1996
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 213
State Waste Code Desc.: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Code:
Method Description:
Tons: 0.1042
Year: 1996
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 212
State Waste Code Desc.: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Code: D99
Method Description: Disposal, other
Tons: 0.528
Year: 1996
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 212
State Waste Code Desc.: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Code:
Method Description:
Tons: 0.0495
Year: 1996
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 211
State Waste Code Desc.: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code: D99

Method Description:	Disposal, other
Tons:	0.1249
Year:	1996
Generator EPA ID:	CAL000115835
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.155
Year:	1996
Generator EPA ID:	CAL000115835
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	135
State Waste Code Desc.:	Unspecified aqueous solution
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.126
Year:	1996
Generator EPA ID:	CAL000115835
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	135
State Waste Code Desc.:	Unspecified aqueous solution
Method Code:	
Method Description:	
Tons:	0.042
Year:	1996
Generator EPA ID:	CAL000115835
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.147
Year:	1996
Generator EPA ID:	CAL000115835
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.0425
Year:	1996
Generator EPA ID:	CAL000115835
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19

TSD County: Los Angeles
State Waste Code: 211
State Waste Code Desc.: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code:
Method Description:
Tons: 0.0208
Year: 1996
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 331
State Waste Code Desc.: Off-specification, aged or surplus organics
Method Code: D99
Method Description: Disposal, other
Tons: 0.1815
Year: 1997
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 211
State Waste Code Desc.: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Code: D99
Method Description: Disposal, other
Tons: 0.1042
Year: 1997
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: ***
State Waste Code Desc.: Invalid waste code
Method Code: D99
Method Description: Disposal, other
Tons: 0.015
Year: 1997
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 351
State Waste Code Desc.: Organic solids with halogens
Method Code: D99
Method Description: Disposal, other
Tons: 0.0125
Year: 1997
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 221
State Waste Code Desc.: Waste oil and mixed oil
Method Code: D99
Method Description: Disposal, other
Tons: 0.038
Year: 1997
Generator EPA ID: CAL000115835

Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 212
State Waste Code Desc.: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Code: D99
Method Description: Disposal, other
Tons: 0.4686
Year: 1997
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 181
State Waste Code Desc.: Other inorganic solid waste
Method Code: D99
Method Description: Disposal, other
Tons: 0.425
Year: 1997
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 213
State Waste Code Desc.: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Method Code: D99
Method Description: Disposal, other
Tons: 0.1125
Year: 1997
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 352
State Waste Code Desc.: Other organic solids
Method Code: D99
Method Description: Disposal, other
Tons: 0.04
Year: 1997
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 212
State Waste Code Desc.: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Code: D99
Method Description: Disposal, other
Tons: 0.1551
Year: 1998
Generator EPA ID: CAL000115835
Generator County Code: 19
Generator County: Los Angeles
TSD EPA ID: CAD000633230
TSD County Code: 19
TSD County: Los Angeles
State Waste Code: 221
State Waste Code Desc.: Waste oil and mixed oil
Method Code: D99

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Method Description:	Disposal, other
Tons:	0.06
Year:	1998
Generator EPA ID:	CAL000115835
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	134
State Waste Code Desc.:	Aqueous solution with total organic residues less than 10 percent
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.055
Year:	1998
Generator EPA ID:	CAL000115835
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD000633230
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.02
Year:	1998
Generator EPA ID:	CAL000115835
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	212
State Waste Code Desc.:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Code:	R01
Method Description:	Recycler
Tons:	0.2064
Year:	1998
Generator EPA ID:	CAL000115835
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAD008302903
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	R01
Method Description:	Recycler
Tons:	0.045
Year:	1998
Generator EPA ID:	CAL000115835
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT080014079
TSD County Code:	07
TSD County:	Contra Costa
State Waste Code:	122
State Waste Code Desc.:	Alkaline solution without metals pH >= 12.5
Method Code:	H01
Method Description:	Transfer station
Tons:	0.0834
Year:	1998

42	1 of 1	SW	0.13 / 679.87	119.53	JIM AND JACKS AUTO BODY SHOP 348 WASHINGTON STREET	RCRA SQG

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
					EL SEGUNDO CA 90245	

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAD028131639
Current Site Name:	JIM AND JACKS AUTO BODY SHOP
Generator Status Universe:	Small Quantity Generator
Land Type:	Other
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	1605 EAST GRAND AVE, EL SEGUNDO, CA, 90245,
Contact Name:	JACK AVEDIKIAN
Contact Address:	348 WASHINGTON STREET, EL SEGUNDO, CA, 90245, US
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	NOT REQUIRED
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	JACK AND JIM KIZIRIAN
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Handler Information	
--	--
Date Received:	19910610
Facility Name:	JIM AND JACKS AUTO BODY SHOP
Classification:	Small Quantity Generator
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
43	*1 of 1*	*NNE*	*0.13 / 686.33*	*117.42*	***AIRPORT UNION 76, TOSCO SS #5866*** ***603 N. SEPULVEDA BL.*** ***El Segundo CA 90245***	***UST***

Facility ID:	300140	***Latitude:***	*33.9252479*
County:	Los Angeles	***Longitude:***	*-118.3954013*
Permitting Agency:	EL SEGUNDO, CITY OF		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
44	1 of 1	SW	0.13 / 691.84	122.93	SPARKLING AIRLINE LINEN SERVICE 332 WASHINGTON ST EL SEGUNDO CA 90245	RCRA SQG

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAD981581630
Current Site Name:	SPARKLING AIRLINE LINEN SERVICE
Generator Status Universe:	Small Quantity Generator
Land Type:	
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	332 WASHINGTON ST, EL SEGUNDO, CA, 90245,
Contact Name:	
Contact Address:	
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	NOT REQUIRED
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	SHARON MILLER
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Handler Information	
--	--
Date Received:	19960901
Facility Name:	SPARKLING AIRLINE LINEN SERVICE
Classification:	Small Quantity Generator
--	--
Date Received:	19861118
Facility Name:	SPARKLING AIRLINE LINEN SERVICE
Classification:	Large Quantity Generator
--	--
Violation/Evaluation	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Information	
--	--
Evaluation Start Date:	19940426
Evaluation Agency:	B
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	19940426
Actual Return to Compliance Date:	19990426
Violation Responsible Agency:	S
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
45	1 of 2	SSW	0.13 / 694.61	116.51	1605 E GRAND AVE EL SEGUNDO CA 90245	LA HMS

Site No:	008188
Area:	2N
--Details--	
File No:	I08709
File Name:	JIM & JACKS INC
Permit No:	000009819
Permit Code:	I
Permit Category Desc:	Industrial Waste Permit
Permit Status Code:	CLOS
Permit Status Desc:	Permit Closed
Permit Type:	01
Permit Type Desc:	Operating Industrial Waste Permit - Local Sewer
Status Code:	CLOS
Status Desc:	Permit Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
45	2 of 2	SSW	0.13 / 694.61	116.51	JIM & JACK AUTOMOTIVE # 1 1605 E GRAND AVE EL SEGUNDO CA 90245	RCRA SQG

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAD982346934
Current Site Name:	JIM & JACK AUTOMOTIVE # 1
Generator Status Universe:	Small Quantity Generator
Land Type:	
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	1605 E GRAND AVE, EL SEGUNDO, CA, 90245,
Contact Name:	
Contact Address:	
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	JAMES KIZIRIAN
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	M
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	NOT REQUIRED
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	M
Date Became Current:	
Date Ended Current:	
--	--
NAICS Information	
--	--
Naics Code:	811121
Naics Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Handler Information	
--	--
Date Received:	19960901
Facility Name:	JIM & JACK AUTOMOTIVE # 1
Classification:	Small Quantity Generator
--	--
Date Received:	19880129
Facility Name:	JIM & JACK AUTOMOTIVE # 1
Classification:	Large Quantity Generator
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
46	1 of 1	SW	0.13 / 698.58	122.93	340 N WASHINGTON ST EL SEGUNDO CA 902454449	LA HMS

Site No:	017245
Area:	2N
--Details--	
File No:	023317
File Name:	JIM & JACKS INC
Permit No:	000224354
Permit Code:	I
Permit Category Desc:	Industrial Waste Permit
Permit Status Code:	CLOS
Permit Status Desc:	Permit Closed
Permit Type:	01
Permit Type Desc:	Operating Industrial Waste Permit - Local Sewer
Status Code:	CLOS
Status Desc:	Permit Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
47	1 of 3	ENE	0.13 / 701.19	112.48	Raytheon Company 1921 E. Mariposa Ave. Bldg. R-24, El Segundo CA	DELISTED COUNTY

Record Date: 23-JUL-2014
Original Source Name: Los Angeles County - El Segundo City Underground Storage Tanks List
Original Source Facility ID: 30-0122

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
47	2 of 3	ENE	0.13 / 701.19	112.48	1921 E MARIPOSA AVE EL SEGUNDO CA 90245	LA HMS

Site No: 010404
Area: 2N

--Details--
File No: 010311
File Name: HUGHES,RSG BLDG R-24, MS 1150
Permit No: 00001732T
Permit Code: T
Permit Category Desc: Underground Storage Tank
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 0
Permit Type Desc: Underground Storage Tank Operating Permit
Status Code: CLOS
Status Desc: Permit Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
47	3 of 3	ENE	0.13 / 701.19	112.48	Raytheon Systems Company 1921 E. Mariposa Ave. El Segundo CA 90245	ELSEGUNDO UST

Permit:
Type: Closed Tanks
Inspected:
Petroleum: 2
Haz Substance:
State:
Extra Comments:
Removal Date:
Closure Date: 11/1/1999
A1998:
Inspection Due:
State ID:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
48	1 of 1	SW	0.13 / 701.46	122.93	332 N WASHINGTON ST EL SEGUNDO CA 902454449	LA HMS

Site No: 008180
Area: 2N

--Details--
File No: I08700
File Name: FINAL FINISH INC
Permit No: 000010295
Permit Code: I
Permit Category Desc: Industrial Waste Permit
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Status Code: CLOS
Status Desc: Permit Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
49	1 of 4	N	0.14 / 759.28	122.26	DEVLIN PHARMACEUTICALS INC 700 N SEPULVEDA BLVD EL SEGUNDO CA 90245	CERCLIS

Site ID: 0902293
Site EPA ID: CAD981373848
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information
Federal Facility: Not a Federal Facility
Site Cnty Name: LOS ANGELES

CERCLIS Assess History
-- --
Date Started:
Date Completed:
Site Description: No description available
.
-- --

CERCLIS Assess History
-- --
Action: DISCOVERY
Date Started:
Date Completed: 2/1/1986 00:00:00
Site Description:
-- --

CERCLIS Assess History
-- --
Action: PRELIMINARY ASSESSMENT
Date Started:
Date Completed: 2/22/1989 00:00:00
Site Description:
-- --

CERCLIS Assess History
-- --
Action: PRELIMINARY ASSESSMENT
Date Started: 1/1/1986 00:00:00
Date Completed: 5/1/1986 00:00:00
Site Description:
-- --

CERCLIS Assess History
-- --
Action: ARCHIVE SITE
Date Started:
Date Completed: 2/22/1989 00:00:00
Site Description:
-- --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
49	2 of 4	N	0.14 / 759.28	122.26	DEVLIN PHARMACEUTICALS INC 700 N SEPULVEDA BLVD EL SEGUNDO CA 90245	CERCLIS NFRAP

Site ID: 902293
Site EPA ID: CAD981373848
Site Fips Code: 6037
Federal Facility:
Site Parent ID:
Parent Site Name:
Site Cngrsnl District Code: 27
Region Code: 9
State Code: CA
Site Cnty Name: LOS ANGELES

CERCLIS-NFRAP Assess History
-- --
Action: DISCOVERY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Priority Level:
Date Started:
Date Completed: 2/1/1986
-- --
CERCLIS-NFRAP Assess History
-- --
Action: PRELIMINARY ASSESSMENT
Priority Level: NFRAP
Date Started:
Date Completed: 2/22/1989
-- --
CERCLIS-NFRAP Assess History
-- --
Action: PRELIMINARY ASSESSMENT
Priority Level: Low priority
Date Started: 1/1/1986
Date Completed: 5/1/1986
-- --
CERCLIS-NFRAP Assess History
-- --
Action: ARCHIVE SITE
Priority Level:
Date Started:
Date Completed: 2/22/1989
-- --

49	3 of 4	N	0.14 / 759.28	122.26	**DEVLIN PHARMACEUTICALS, INC** **700 N SEPULVEDA BLVD** **EL SEGUNDO CA 90245**	**DELISTED COUNTY**

Record Date: 23-JUN-2015
Original Source Name: Los Angeles County Site Mitigation List
Original Source Facility ID:

49	4 of 4	N	0.14 / 759.28	122.26	**DEVLIN PHARMACEUTICALS INC** **700 N SEPULVEDA BLVD** **EL SEGUNDO CA 90245**	**SEMS ARCHIVE**

Site ID: 0902293
EPA ID: CAD981373848
NPL: Not on the NPL
Federal Facility: No
FIPS Code: *06037*
Cong District: *27*
County: *LOS ANGELES*
Region: *09*
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

---

50	1 of 3	SW	0.15 / 794.42	118.44	**1601 E GRAND AVE** **EL SEGUNDO CA 90245**	**LA HMS**

Site No: 008135
Area: 2N

--Details--
File No: 008651
File Name: DETRIOT AUTOMOTIVE PRODUCT CO
Permit No:
Permit Code:
Permit Category Desc:
Permit Status Code:
Permit Status Desc:
Permit Type:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Permit Type Desc:	
Status Code:	CLOS
Status Desc:	Permit Closed
File No:	022010
File Name:	JIM & JACKS INC
Permit No:	
Permit Code:	
Permit Category Desc:	
Permit Status Code:	
Permit Status Desc:	
Permit Type:	
Permit Type Desc:	
Status Code:	OPEN
Status Desc:	File Opened, no permit exists
File No:	I08651
File Name:	WYREFAB INC
Permit No:	000010049
Permit Code:	I
Permit Category Desc:	Industrial Waste Permit
Permit Status Code:	CLOS
Permit Status Desc:	Permit Closed
Permit Type:	01
Permit Type Desc:	Operating Industrial Waste Permit - Local Sewer
Status Code:	CLOS
Status Desc:	Permit Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
50	2 of 3	SW	0.15 / 794.42	118.44	JIM AND JACKS 1601 E GRAND AVE EL SEGUNDO CA 90245	RCRA SQG

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAD008299570
Current Site Name:	JIM AND JACKS
Generator Status Universe:	Small Quantity Generator
Land Type:	Private
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	1601 E GRAND AVE, EL SEGUNDO, CA, 90245,
Contact Name:	JACK AVEDIKIAN
Contact Address:	1601 E GRAND AVE, EL SEGUNDO, CA, 90245, US
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Owner/Operator Name:	JAMES KIZIRIAN
Owner/Operator Address:	1601 E GRAND EL SEGUNDO CA 90245
Owner/Operator Phone:	3103225733
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	NOT REQUIRED
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
NAICS Information	
--	--
Naics Code:	336399
Naics Description:	ALL OTHER MOTOR VEHICLE PARTS MANUFACTURING
Naics Active Status:	No
Naics Cycle:	2012
--	--
Handler Information	
--	--
Date Received:	19940622
Facility Name:	JIM AND JACKS
Classification:	Small Quantity Generator
--	--

50	***3 of 3***	***SW***	***0.15 / 794.42***	***118.44***	***Detroit Automative Products/Wyrefab 1601 E. Grand Avenue El Segundo CA 90245***	***ELSEGUNDO UST***

Permit:		**Removal Date:**	
Type:	Closed Tanks	**Closure Date:**	7/16/1992
Inspected:		**A1998:**	
Petroleum:		**Inspection Due:**	
Haz Substance:	4	**State ID:**	
State:			
Extra Comments:			

51	***1 of 1***	***SE***	***0.15 / 808.28***	***112.46***	***PACIFIC CORPORATE TOWERS 222 N. SEPULVEDA BL. El Segundo CA 90245***	***UST***

Facility ID:	300212	**Latitude:**	*33.9203861*
County:	Los Angeles	**Longitude:**	*-118.3937989*
Permitting Agency:	EL SEGUNDO, CITY OF		

52	***1 of 4***	***SSE***	***0.16 / 821.68***	***102.41***	***Pacific Corporate Towers, LLC 222 N. Sepulveda Bl. , El Segundo CA***	***DELISTED COUNTY***

Record Date:	23-JUL-2014
Original Source Name:	Los Angeles County - El Segundo City Underground Storage Tanks List
Original Source Facility ID:	30-0212

52	***2 of 4***	***SSE***	***0.16 / 821.68***	***102.41***	***222 N SEPULVEDA BLVD EL SEGUNDO CA 90245***	***LA HMS***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Site No: 013019
Area: 2N

--Details--
File No: 013279
File Name: PACIFIC CORPORATE TOWERS
Permit No: 00004976T
Permit Code: T
Permit Category Desc: Underground Storage Tank
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 0
Permit Type Desc: Underground Storage Tank Operating Permit
Status Code: CLOS
Status Desc: Permit Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
52	3 of 4	SSE	0.16 / 821.68	102.41	Pacific Corporate Towers 222 N. Sepulveda Bl El Segundo CA 90245	ELSEGUNDO UST

Permit:
Type: Closed Tanks
Inspected:
Petroleum: Piping Only
Haz Substance:
State:
Extra Comments:

Removal Date:
Closure Date: 10/5/1999
A1998:
Inspection Due:
State ID:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
52	4 of 4	SSE	0.16 / 821.68	102.41	Pacific Corporate Towers 222 N. Sepulveda Blvd. El Segudno CA 90245	ELSEGUNDO UST

Permit:
Type: Closed Tanks
Inspected:
Petroleum: 1
Haz Substance:
State:
Extra Comments:

Removal Date:
Closure Date: 11/9/2005
A1998:
Inspection Due:
State ID:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
53	1 of 1	SW	0.16 / 821.78	118.98	140 N WASHINGTON ST EL SEGUNDO CA 90245	LA HMS

Site No: 008440
Area: 2N

--Details--
File No: 010251
File Name: ELECTROPLY INC
Permit No: 00005166T
Permit Code: T
Permit Category Desc: Underground Storage Tank
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 0
Permit Type Desc: Underground Storage Tank Operating Permit
Status Code: CLOS
Status Desc: Permit Closed

File No: I10251
File Name: ELECTROPLY INC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Permit No: 000010185
Permit Code: I
Permit Category Desc: Industrial Waste Permit
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Status Code: CLOS
Status Desc: Permit Closed

---

54 | **1 of 1** | **SSW** | **0.16 / 840.10** | **113.42** | **ELECTROPLY, INC.**
140 WASHINGTON STREET
El Segundo CA 90245 | **UST**

Facility ID: 300089
County: Los Angeles
Permitting Agency: EL SEGUNDO, CITY OF
Latitude: 33.918701
Longitude: -118.397779

---

55 | **1 of 3** | **S** | **0.18 / 963.36** | **105.56** | **PCT (formerly Pacific Corporate Towers)**
200 N. Sepulveda Blvd, Suite 650
El Segundo CA 90245 | **ALT FUELS**

Fuel Type Code: ELEC
Status Code: E
Owner Type Code:
Federal Agency ID:
Fed Agency Name:
Open Date:
Expected Date:
Groups w Acc Cd: Private
Geocode Status: GPS
Latitude: 33.918157
Longitude: -118.39585
Dt Last Confirmed: 11/3/2016
ID: 76295
Updated At: 2016-11-03 07:11:25 UTC
Station Phone: 888-998-2546
Cards Accepted:
Hydrogen Status Link:
BD Blends:
NG Fill Type Code:
NG PSI:
NG Vehicle Class:
EV Lvl1 EVSE No:
EV Lvl2 EVSE No: 8
EV DC Fast Count:
EV Other Info:
EV Network: Blink Network
EV Network Web: http://www.blinknetwork.com/
EV Connector Tp: J1772
LPG Primary:
E85 Blender Pump:
Plus4:
Intersection Directions: For tenants only. For tenants only. For tenants only. For tenants only. For tenants only. For tenants only. For tenants only. For tenants only.
Access Days Time: MON: 24 hours | TUE: 24 hours | WED: 24 hours | THU: 24 hours | FRI: 24 hours | SAT: 24 hours | SUN: 24 hours

---

55 | **2 of 3** | **S** | **0.18 / 963.36** | **105.56** | **ING**
200 N SEPULVEDA BLVD.
EL SEGUNDO CA 90245 | **AST**

Total Capacity(Gal): 3,000
CUPA: El Segundo
Owner Name: ING
County: Los Angeles

---

55 | **3 of 3** | **S** | **0.18 / 963.36** | **105.56** | **HUGHES AIRCRAFT CO SCG**
200 N SEPULVEDA BLVD
EL SEGUNDO CA 90245 | **RCRA SQG**

County Name: LOS ANGELES
County Code: CA037
EPA Handler ID: CAD982500373
Current Site Name: HUGHES AIRCRAFT CO SCG
Generator Status Universe: Small Quantity Generator
Land Type: Other

Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	P O BOX 92919 S40 T360, LOS ANGELES, CA, 90009,
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	200 N SEPULVEDA BLVD, EL SEGUNDO, CA, 90245, US
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	PRUDENTIAL LIFE INSUR
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	NOT REQUIRED
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
NAICS Information	
--	--
Naics Code:	33422
Naics Description:	RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Handler Information	
--	--
Date Received:	19900306
Facility Name:	HUGHES AIRCRAFT CO SCG
Classification:	Small Quantity Generator
--	--

56	***1 of 1***	***ESE***	***0.19 / 976.84***	***112.47***	***GLOBAL SOLUTIONS 1955 GRAND AVE EL SEGUNDO CA 90245***	***LUST***

Global ID:	T0603701269	**CUF Case:**	*NO*
Case Type:	LUST Cleanup Site	**Begin Date:**	*1997-12-31 00:00:00*
Status:	Completed - Case Closed	**How Discovered:**	
Status Date:	1998-02-02 00:00:00	**Stop Method:**	
RB Case No:	902450089	**County:**	*Los Angeles*

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

LOC Case No:
Lead Agency: EL SEGUNDO, CITY OF
Case Worker: SHT
Local Agency: EL SEGUNDO, CITY OF
Potential Cntm of Concrn: Aviation
Potential Media Affected: Soil
How Discovered Description:
Stop Description:
Site History:
Latitude: 33.920641
Longitude: -118.39318
File Location:

Status History
-- --
Status: Open - Case Begin Date
Status Date: 1997-12-31 00:00:00
-- --
Status: Completed - Case Closed
Status Date: 1998-02-02 00:00:00
-- --
Activities
-- --
Action Type: Other
Date: 1997-12-31 00:00:00
Action: Leak Reported
-- --
Contact Information
-- --
Contact Type: Local Agency Caseworker
Contact Name: STEVE TSUMURA
Organization Name: EL SEGUNDO, CITY OF
Address: 314 MAIN STREET
City: EL SEGUNDO
Email: stsumura@elsegundo.org
Phone Number:
-- --
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:
-- --

57	1 of 1	SW	0.19 / 988.97	116.07	1521 E GRAND AVE EL SEGUNDO CA 902454339	LA HMS

Site No: 008730
Area: 2N

--Details--
File No: I16080
File Name: INTERNATIONAL RECTIFIER
Permit No: 000010957
Permit Code: I
Permit Category Desc: Industrial Waste Permit
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Status Code: CLOS
Status Desc: Permit Closed

File No: I16080
File Name: INTERNATIONAL RECTIFIER
Permit No: 000255821

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Permit Code:	I
Permit Category Desc:	Industrial Waste Permit
Permit Status Code:	CLOS
Permit Status Desc:	Permit Closed
Permit Type:	01
Permit Type Desc:	Operating Industrial Waste Permit - Local Sewer
Status Code:	CLOS
Status Desc:	Permit Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
58	1 of 1	SW	0.19 / 990.44	116.07	INTERNATIONAL RECTIFIER EL SEGUNDO 1521 GRAND EL SEGUNDO CA 90245	RCRA LQG

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAR000182261
Current Site Name:	INTERNATIONAL RECTIFIER EL SEGUNDO
Generator Status Universe:	Large Quantity Generator
Land Type:	Private
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	1521, GRAND, EL SEGUNDO, CA, 90245,
Contact Name:	RO GUNTILLEKE
Contact Address:	1521, GRAND, EL SEGUNDO, CA, 90245,
Contact Email:	RGUNETIL@IRF.COM
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	INTERNATIONAL RECTIFIER
Owner/Operator Address:	233 KANSAS STREET EL SEGUNDO CA US 90245
Owner/Operator Phone:	3107268727
Owner/Operator Type:	P
Date Became Current:	19480101
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	INTERNATIONAL RECTIFIER
Owner/Operator Address:	
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19480101
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	INTERNATIONAL RECTIFIER
Owner/Operator Address:	233 KANSAS STREET EL SEGUNDO CA 90245

Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19480101
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	INTERNATIONAL RECTIFIER
Owner/Operator Address:	233 KANSAS STREET EL SEGUNDO CA US 90245
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19480101
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	INTERNATIONAL RECTIFIER
Owner/Operator Address:	US
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19480101
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	INTERNATIONAL RECIFIER
Owner/Operator Address:	233 KANSAS STREET EL SEGUNDO CA 90245
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19480101
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	INTERNATIONAL RECTIFIER
Owner/Operator Address:	101 SEPULVEDA BLVD EL SEGUNDO CA 90245
Owner/Operator Phone:	3107268974
Owner/Operator Type:	P
Date Became Current:	19480101
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	INTERNATIONAL RECTIFIER
Owner/Operator Address:	233 KANSAS ST EL SEGUNDO CA US 90245
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19480101
Date Ended Current:	
--	--
NAICS Information	
--	--
Naics Code:	334413
Naics Description:	SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Handler Information	
--	--
Date Received:	20140301
Facility Name:	INTERNATIONAL RECTIFIER EL SEGUNDO
Classification:	Large Quantity Generator
--	--
Date Received:	20070307
Facility Name:	INTERNATIONAL RECTIFIER
Classification:	Large Quantity Generator
--	--
Date Received:	20100615
Facility Name:	INTERNATIONAL RECTIFIER
Classification:	Large Quantity Generator
--	--
Date Received:	20080417
Facility Name:	INTERNATIONAL RECTIFIER

Classification:	Large Quantity Generator
--	--
Date Received:	20120213
Facility Name:	INTERNATIONAL RECTIFIER EL SEGUNDO
Classification:	Large Quantity Generator
--	--
Hazardous Waste Information	
--	--
Waste Code:	135
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	181
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	221
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	331
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	343
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	551
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D001
Waste:	IGNITABLE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D002
Waste:	CORROSIVE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D003
Waste:	REACTIVE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D004
Waste:	ARSENIC
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D005
Waste:	BARIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D007
Waste:	CHROMIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Waste Code:	D008
Waste:	LEAD
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D009
Waste:	MERCURY
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D011
Waste:	SILVER
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F003
Waste:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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 Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U134
Waste:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
59	1 of 3	WSW	0.19 / 1,008.15	97.72	INTERNATIONAL RECTIFIRE 330 KANSAS ST. EL SEGUNDO CA 90245	HHSS

County:	Los Angeles
Pdf File Url:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026fce.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
59	2 of 3	WSW	0.19 / 1,008.15	97.72	330 KANSAS ST EL SEGUNDO CA 902454382	LA HMS

Site No:	008437
Area:	2N

--Details--

File No:	010118
File Name:	INTERNATIONAL RECTIFIER
Permit No:	00001570T
Permit Code:	T
Permit Category Desc:	Underground Storage Tank
Permit Status Code:	CLOS
Permit Status Desc:	Permit Closed
Permit Type:	0
Permit Type Desc:	Underground Storage Tank Operating Permit
Status Code:	CLOS
Status Desc:	Permit Closed
File No:	I10118
File Name:	INTERNATIONAL RECTIFIER
Permit No:	000012484
Permit Code:	I
Permit Category Desc:	Industrial Waste Permit
Permit Status Code:	REM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Permit Status Desc: Equipment Removed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Status Code: REM
Status Desc: Equipment Removed

---

59 | **3 of 3** | **WSW** | **0.19 / 1,008.15** | **97.72** | **International Rectifier, 330 Kansas Street, El Segundo CA 90245** | **ELSEGUNDO UST**

Permit:
Type: Closed Tanks
Inspected:
Petroleum: 1
Haz Substance: 2
State:
Extra Comments:

Removal Date:
Closure Date: 3/25/1999
A1998:
Inspection Due:
State ID:

---

60 | **1 of 1** | **WSW** | **0.19 / 1,010.12** | **98.60** | **348 KANSAS ST, EL SEGUNDO CA 90245** | **LA HMS**

Site No: 008611
Area: 2N

--Details--
File No: I15665
File Name: INTERNATIONAL RECTIFIER
Permit No: 000001008
Permit Code: I
Permit Category Desc: Industrial Waste Permit
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Status Code: CLOS
Status Desc: Permit Closed

File No: I15665
File Name: INTERNATIONAL RECTIFIER
Permit No: 000012673
Permit Code: I
Permit Category Desc: Industrial Waste Permit
Permit Status Code: REM
Permit Status Desc: Equipment Removed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Status Code: CLOS
Status Desc: Permit Closed

---

61 | **1 of 2** | **N** | **0.20 / 1,040.68** | **125.71** | **763 N SEPULVEDA BLVD, EL SEGUNDO CA 90245** | **LA HMS**

Site No: 008222
Area: 2N

--Details--
File No: 009747
File Name: MOTTA BROS INC
Permit No: 00001028T
Permit Code: T
Permit Category Desc: Underground Storage Tank

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 0
Permit Type Desc: Underground Storage Tank Operating Permit
Status Code: CLOS
Status Desc: Permit Closed

File No: I08758
File Name: MOTTA BROS INC
Permit No: 00009953L
Permit Code: I
Permit Category Desc: Industrial Waste Permit
Permit Status Code: REM
Permit Status Desc: Equipment Removed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Status Code: REM
Status Desc: Equipment Removed

61	2 of 2	N	0.20 / 1,040.68	125.71	**Motta Brothers** **763 N. Sepulveda Bl.** **El Segundo CA 90245**	**ELSEGUNDO UST**

Permit:
Type: Remediation Tanks
Inspected:
Petroleum:
Haz Substance: 2
State:
Extra Comments:

Removal Date: 12/3/1998
Closure Date:
A1998:
Inspection Due:
State ID:

62	1 of 3	N	0.20 / 1,052.21	125.71	**765 N SEPULVEDA BLVD** **EL SEGUNDO CA 902453425**	**LA HMS**

Site No: 014519
Area: 2N

--Details--
File No: 015123
File Name: MOBIL OIL SS 11NJD
Permit No: 00005839T
Permit Code: T
Permit Category Desc: Underground Storage Tank
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 0
Permit Type Desc: Underground Storage Tank Operating Permit
Status Code: CLOS
Status Desc: Permit Closed

File No: 015123
File Name: MOBIL OIL SS 11NJD
Permit No: 0000T5839
Permit Code: T
Permit Category Desc: Underground Storage Tank
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 0
Permit Type Desc: Underground Storage Tank Operating Permit
Status Code: CLOS
Status Desc: Permit Closed

File No: 028277

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

File Name: MOBIL OIL SERVICE STATION
Permit No: 000260797
Permit Code: I
Permit Category Desc: Industrial Waste Permit
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 02
Permit Type Desc: Operating Industrial Waste Permit - Trunk Sewer
Status Code: CLOS
Status Desc: Permit Closed

62	2 of 3	N	0.20 / 1,052.21	125.71	Circle K Corporation 765 N. Sepulveda Blvd. CA	ELSEGUNDO UST

Permit: 30-0121
Type: Open Tanks
Inspected:
Petroleum: 4
Haz Substance:
State:
Extra Comments:

Removal Date:
Closure Date:
A1998: 03426
Inspection Due:
State ID: 015123

62	3 of 3	N	0.20 / 1,052.21	125.71	Mobil Oil Company 765 N. Sepulveda Blvd. El Segundo CA 90245	ELSEGUNDO UST

Permit:
Type: Closed Tanks
Inspected:
Petroleum: 5
Haz Substance:
State:
Extra Comments:

Removal Date:
Closure Date: 12/1/1989
A1998:
Inspection Due:
State ID:

63	1 of 3	SE	0.21 / 1,093.31	115.40	1955 E GRAND AVE EL SEGUNDO CA 90245	LA HMS

Site No: 013645
Area: 2N

--Details--
File No: 014047
File Name: UNITED AIRLINES
Permit No: 00005519T
Permit Code: T
Permit Category Desc: Underground Storage Tank
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 0
Permit Type Desc: Underground Storage Tank Operating Permit
Status Code: CLOS
Status Desc: Permit Closed

63	2 of 3	SE	0.21 / 1,093.31	115.40	MATTEL INC 1955 E GRAND AVE EL SEGUNDO CA 902455012	RCRA SQG

County Name: LOS ANGELES
County Code: CA037

EPA Handler ID:	CAD983655804
Current Site Name:	MATTEL INC
Generator Status Universe:	Small Quantity Generator
Land Type:	Private
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	333 CONTINENTAL BLVD, EL SEGUNDO, CA, 90245,
Contact Name:	COZETTA MIGUELENA
Contact Address:	333 CONTINENTAL BLVD, EL SEGUNDO, CA, 90245, US
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	MATTEL INC
Owner/Operator Address:	333 CONTINENTAL BLVD EL SEGUNDO CA 90245
Owner/Operator Phone:	3102525524
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Handler Information	
--	--
Date Received:	19990401
Facility Name:	MATTEL INC
Classification:	Small Quantity Generator
--	--
Hazardous Waste Information	
--	--
Waste Code:	D001
Waste:	IGNITABLE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D002
Waste:	CORROSIVE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D035
Waste:	METHYL ETHYL KETONE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F003
Waste:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

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 Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: F005
Waste: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --

63	3 of 3	SE	0.21 / 1,093.31	115.40	**Mattel Toys** **1955 E. Grand Ave.** **El Segundo CA 90245**	**ELSEGUNDO UST**

Permit:
Type: Closed Tanks
Inspected:
Petroleum: 1
Haz Substance:
State:
Extra Comments:

Removal Date:
Closure Date: 2/2/1998
A1998:
Inspection Due:
State ID:

64	1 of 1	N	0.21 / 1,126.86	126.62	**HUGHES AIRCRAFT/GILBERT** **800 N. SEPULVEDA BLVD.** **EL SEGUNDO CA 90245**	**VCP**

ESTOR EPA ID: 19370368
Program Type: VOLUNTARY CLEANUP
Status: NO FURTHER ACTION
Site Type: VOLUNTARY CLEANUP
Envirostor ID: 19370368
Site Code: 300599
Special Program: VOLUNTARY CLEANUP PROGRAM
Acres: 0.2 ACRES
National Priorities List: NO

Funding: *SITE PROPONENT*
City: *EL SEGUNDO*
ZIP: *90245*
County: *LOS ANGELES*
Assembly District: *62*
Senate District: *26*
Longitude: *-118.396388888889*
Latitude: *33.9266666666667*
GeoTracker City: *EL SEGUNDO*

APN: 4138-005-028
Cleanup Status: NO FURTHER ACTION AS OF 10/9/1996
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=19370368
Cleanup Oversight Agen: DTSC - LEAD
Potential Media Affected: INDOOR AIR, SOIL VAPOR
Past Use Caused Contam: AEROSPACE MANUFACTURING/MAINTENANCE
Potential Contam of Cncrn: HALOGENATED SOLVENTS; HYDROCARBON SOLVENTS
Site Facility Name: HUGHES AIRCRAFT/GILBERT
School District:
Address Description: 800 N. SEPULVEDA BLVD.
GeoTracker Address: 800 N. SEPULVEDA BLVD.
SITE HISTORY:

1. Historical uses of the site. 2. Type of contaminants 3. Possible pathways. 4. Possible receptors. 5. Past activities. 6. Issue of orders. 7. Other activities. From 1927 to 1941 the site was primarily agricultural. In 1955, the American Seating Company bought the property and constructed Building S34 for use as office space and a ware- house. Gilbert Financial Company (GF) purchased the subject propert (site) in 1966. Hughes Tool Company (HT) leased the property in 1967. Hughe Helicopter (a division of HT) operated the property as an office, warehouse, helicopter refurbishing and light manufac uring facility from at least 1967 to 1973. The helicopter manufactured and maintained for the Army during the Viet Nam War period were the jet engine turbines and the receiprocati engines. Hughes Aircraft Company (HAC) has operated at the site since 1973 as an office, warehouse, and manufacturing facility. Permitted facilities at the site included clarifiers, underground and above ground storage tanks, hydraulic lifts, and a TSDF facility. Hughes Helicopter is now known as McDonald Douglas Helicopter. HAC decommissioned the facility and terminated its lease in 1993. In 1993, HAC removed and decommissioned all the permitted facilities at the property. For example HAC received regulatory closure of its TSDF facility (Hazardous Waste Contained Storage Area) from DTSC in a correspondence dated June 30, 1993. Similarly, HAC received (without soil cleanup) regulatory closure

of the Area 30 clarifier located outside east of the building from the Los Angeles County Dept. of Public Works in a correspondence dated May 5, 1993. In 1994 PIC Environmental Services, contractor for Gilbert Financial discovered that the LA County Dept. of Public Work had issued regulatory closure at the Area 30 clarifer even though required soil testing had shown petroleum and halogenated solvent contamination. TPH ranging from 10,000 ppm, TCE ranging from .58 ppm and PCE ranging from .18 ppm. PIC claims that all significant PCE, TCE and oil contaminate soil was excavated at the clarifier area and thermally remediated offsite in April, 1996. The approximate excavati pit is 27 feet by 8 feet by 12 feet. 22/522.1 Current & Planned Activity (AWP sites) what DTSC plan to accomplish in current fiscal year. DTSC will require that Gilbert take some additional confir- mation samples of the excavated pit and perform additional lab analysis on soil samples beyond the excavation pit of clarifier area for the PEA equivalent for the AWP commitment date 6/30/97. Groundwater contamination will need to be conducted under a separate investigation with the RWQCB, who is currently not working on the site. 23/523.1 Projected Completion Text AWP Schedule or budget. PEA equivalent for the clarifier area to be completed by 6/30/97.

Completed Activities	
--	--
Document Link:	
Area Name:	
Sub Area:	
Document Type:	Preliminary Endangerment Assessment Report
Date Completed:	10/9/1996
Comments:	
--	--
Document Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=19370368&enforcement_id=5010286
Area Name:	
Sub Area:	
Document Type:	Voluntary Cleanup Agreement
Date Completed:	5/8/1996
Comments:	A VCP agreement was signed to submit and review a modified PEA.
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
65	1 of 1	SW	0.21 / 1,127.15	116.49	MAC TRAINING 01 266 KANSAS ST EL SEGUNDO CA 90245	RCRA SQG

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAR000264069
Current Site Name:	MAC TRAINING 01
Generator Status Universe:	Small Quantity Generator
Land Type:	Private
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	8585, PYOTT RD STE 100, LAKE IN THE HILLS, IL, 60156, US
Contact Name:	JESSICA A OTTO
Contact Address:	8585, PYOTT RD STE 100, LAKE IN THE HILLS, IL, 60156, US
Contact Email:	JESSICA.OTTO@G2REV.COM
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	ESTEE LAUDER INC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Owner/Operator Address:	767 FIFTH AVE NEW YORK NY US 10153
Owner/Operator Phone:	212-572-4200
Owner/Operator Type:	P
Date Became Current:	20160701
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	ESTEE LAUDER INC
Owner/Operator Address:	US
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	20160701
Date Ended Current:	
--	--
NAICS Information	
--	--
Naics Code:	446120
Naics Description:	COSMETICS, BEAUTY SUPPLIES, AND PERFUME STORES
Naics Active Status:	Yes
Naics Cycle:	2012
--	--
Handler Information	
--	--
Date Received:	20160617
Facility Name:	MAC TRAINING 01
Classification:	Small Quantity Generator
--	--
Hazardous Waste Information	
--	--
Waste Code:	352
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D001
Waste:	IGNITABLE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
66	1 of 1	ENE	0.21 / 1,132.41	107.45	THE BOEING COMPANY 601-603 LAIRPORT ST EL SEGUNDO CA 90245	RCRA LQG

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAR000071589
Current Site Name:	THE BOEING COMPANY
Generator Status Universe:	Large Quantity Generator
Land Type:	Private
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	

Used Oil Spec Marketer:
Mailing Address: PO BOX 92919, W S01 D381, LOS ANGELES, CA, 90009, US
Contact Name: JERROD J NEWLANDER
Contact Address: PO BOX 92919, W S01 D381, LOS ANGELES, CA, 90009, US
Contact Email: JERROD.J.NEWLANDER@BOEING.COM
Location Street 2:

-- --
Owner/Operator Information
-- --
Owner/Operator Indicator: CO
Owner/Operator Name: BOEING SATELLITE SYSTEMS INC
Owner/Operator Address: P O BOX 92919 LOS ANGELES CA 90009
Owner/Operator Phone: 3104162241
Owner/Operator Type: P
Date Became Current:
Date Ended Current:
-- --
Owner/Operator Indicator: CP
Owner/Operator Name: THE BOEING COMPANY
Owner/Operator Address: US
Owner/Operator Phone:
Owner/Operator Type: P
Date Became Current: 20001006
Date Ended Current:
-- --
Owner/Operator Indicator: CO
Owner/Operator Name: THE BOEING COMPANY
Owner/Operator Address: PO BOX 92919 W S01 D381 LOS ANGELES CA US 90009
Owner/Operator Phone: 310-416-5680
Owner/Operator Type: P
Date Became Current: 20001006
Date Ended Current:
-- --
NAICS Information
-- --
Naics Code: 33429
Naics Description: OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING
Naics Active Status: Yes
Naics Cycle: 2002
-- --
Handler Information
-- --
Date Received: 20001016
Facility Name: BOEING SATELLITE SYSTEMS INC
Classification: Small Quantity Generator
-- --
Date Received: 20121219
Facility Name: THE BOEING COMPANY
Classification: Large Quantity Generator
-- --
Hazardous Waste Information
-- --
Waste Code: 181
Waste: from br conversion
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: 212
Waste: from br conversion
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: 221
Waste: from br conversion
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Waste Code:	331
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	352
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	513
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	792
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D001
Waste:	IGNITABLE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D002
Waste:	CORROSIVE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D008
Waste:	LEAD
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D011
Waste:	SILVER
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F003
Waste:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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 Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F005
Waste:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--

67	***1 of 6***	***N***	***0.22 / 1,138.32***	***125.56***	***SERVICE STATION 4613*** ***770 N SEPULVEDA*** ***EL SEGUNDO CA 90245***	***HHSS***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
County:		Los Angeles				
Pdf File Url:		http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029186.pdf				
67	2 of 6	N	0.22 / 1,138.32	125.56	UNION OIL 4613 770 N. SEPULVEDA BLVD. EL SEGUNDO CA 90245	HHSS
County:		Los Angeles				
Pdf File Url:		http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000283a1.pdf				
67	3 of 6	N	0.22 / 1,138.32	125.56	770 N SEPULVEDA BLVD EL SEGUNDO CA 90245	LA HMS

Site No: 010104
Area: 2N

--Details--

File No: 009970
File Name: UNOCAL CORP SS 4613
Permit No: 00001408T
Permit Code: T
Permit Category Desc: Underground Storage Tank
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 0
Permit Type Desc: Underground Storage Tank Operating Permit
Status Code: CLOS
Status Desc: Permit Closed

File No: 024655
File Name: TOSCO/UNOCAL #30687
Permit No: 000190124
Permit Code: T
Permit Category Desc: Underground Storage Tank
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 0
Permit Type Desc: Underground Storage Tank Operating Permit
Status Code: CLOS
Status Desc: Permit Closed

67	4 of 6	N	0.22 / 1,138.32	125.56	Bob's Union 76 770 N. Sepulveda Blvd, CA	ELSEGUNDO UST

Permit: 30-0017
Type: Open Tanks
Inspected:
Petroleum: 3
Haz Substance: 1
State:
Extra Comments:

Removal Date:
Closure Date:
A1998: 03412
Inspection Due:
State ID: 009970

67	5 of 6	N	0.22 / 1,138.32	125.56	Tosco, Union 76 SS# 4613 770 N. Sepulveda Bl. El Segundo CA 90245	ELSEGUNDO UST

Permit:
Type: Closed Tanks
Inspected:

Removal Date:
Closure Date: 10/2/2001
A1998:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Petroleum: 3
Haz Substance: 1
State:
Extra Comments:
Inspection Due:
State ID:

---

67 | **6 of 6** | **N** | **0.22 / 1,138.32** | **125.56** | **Tosco/Unocal # 4613**
770 N. Sepulveda Blvd.
El Segundo CA 90245
ELSEGUNDO UST

Permit:
Type: Closed Tanks
Inspected:
Petroleum: 4
Haz Substance:
State:
Extra Comments:
Removal Date:
Closure Date: 2/6/1997
A1998:
Inspection Due:
State ID:

---

68 | **1 of 1** | **SSW** | **0.22 / 1,145.44** | **115.96** | **1661 E FRANKLIN AVE**
EL SEGUNDO CA 90245
LA HMS

Site No: 017134
Area: 2N

--Details--
File No: 023028
File Name: BUSS SYSTEMS INC
Permit No:
Permit Code:
Permit Category Desc:
Permit Status Code:
Permit Status Desc:
Permit Type:
Permit Type Desc:
Status Code: OPEN
Status Desc: File Opened, no permit exists

---

69 | **1 of 1** | **N** | **0.22 / 1,149.35** | **123.51** | **UNOCAL #4613**
770 SEPULVEDA BLVD N
EL SEGUNDO CA 90245
LUST

Global ID: T0603792957
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1997-02-06 00:00:00
RB Case No: I-09970
LOC Case No:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: YR
Local Agency: EL SEGUNDO, CITY OF
Potential Cntm of Concrn: Diesel
Potential Media Affected: Aquifer used for drinking water supply
How Discovered Description:
Stop Description:
Site History:
CUF Case: YES
Begin Date: 1991-01-28 00:00:00
How Discovered:
Stop Method:
County: Los Angeles
Latitude: 33.9266999
Longitude: -118.395924
File Location:

Status History
-- --
Status: Open - Case Begin Date
Status Date: 1991-01-28 00:00:00
-- --
Status: Open - Site Assessment

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Status Date:	1994-12-02 00:00:00
--	--
Status:	Completed - Case Closed
Status Date:	1997-02-06 00:00:00
--	--
Activities	
--	--
Action Type:	Other
Date:	1991-01-28 00:00:00
Action:	Leak Reported
--	--
Contact Information	
--	--
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:	
--	--
Contact Type:	Local Agency Caseworker
Contact Name:	STEVE TSUMURA
Organization Name:	EL SEGUNDO, CITY OF
Address:	314 MAIN STREET
City:	EL SEGUNDO
Email:	stsumura@elsegundo.org
Phone Number:	
--	--

70	1 of 1	NNE	0.22 / 1,152.14	111.29	**HUGHES AIRCRAFT-EDSG** **1920 MAPLE ST E** **EL SEGUNDO CA 90245**	LUST

Global ID:	T0603704975	**CUF Case:**	*NO*
Case Type:	LUST Cleanup Site	**Begin Date:**	*1986-11-03 00:00:00*
Status:	Completed - Case Closed	**How Discovered:**	
Status Date:	1996-09-18 00:00:00	**Stop Method:**	
RB Case No:	R-10916	**County:**	*Los Angeles*
LOC Case No:		**Latitude:**	*33.926076*
Lead Agency:	EL SEGUNDO, CITY OF	**Longitude:**	*-118.394113*
Case Worker:	SHT	**File Location:**	
Local Agency:	EL SEGUNDO, CITY OF		
Potential Cntm of Concrn:	Gasoline		
Potential Media Affected:	Soil		
How Discovered Description:			
Stop Description:			
Site History:			

Status History	
--	--
Status:	Open - Case Begin Date
Status Date:	1986-11-03 00:00:00
--	--
Status:	Completed - Case Closed
Status Date:	1996-09-18 00:00:00
--	--
Activities	
--	--
Action Type:	Other
Date:	1986-11-03 00:00:00
Action:	Leak Reported
--	--
Action Type:	Other
Date:	1986-11-03 00:00:00
Action:	Leak Discovery

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

--	--
Contact Information	
--	--
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:	
--	--
Contact Type:	Local Agency Caseworker
Contact Name:	STEVE TSUMURA
Organization Name:	EL SEGUNDO, CITY OF
Address:	314 MAIN STREET
City:	EL SEGUNDO
Email:	stsumura@elsegundo.org
Phone Number:	
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
71	1 of 1	SE	0.23 / 1,188.45	116.41	TEAM ONE ADVERTISING 1960 EAST GRAND AVE SUITE E EL SEGUNDO CA 90245	RCRA SQG

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAD982504094
Current Site Name:	TEAM ONE ADVERTISING
Generator Status Universe:	Small Quantity Generator
Land Type:	Private
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	1960 EAST GRAND AVE SUITE E, EL SEGUNDO, CA, 90245,
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	1960 EAST GRAND AVE SUITE E, EL SEGUNDO, CA, 90245, US
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	NOT REQUIRED
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	SAATCHI INC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
NAICS Information	
--	--
Naics Code:	54181
Naics Description:	ADVERTISING AGENCIES
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Handler Information	
--	--
Date Received:	19900103
Facility Name:	TEAM ONE ADVERTISING
Classification:	Small Quantity Generator
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
72	1 of 2	NE	0.24 / 1,255.57	108.44	607 LAIRPORT ST EL SEGUNDO CA 90245	LA HMS

Site No:	010367
Area:	2N
--Details--	
File No:	010262
File Name:	HUGHES AIRCRAFT CO
Permit No:	
Permit Code:	
Permit Category Desc:	
Permit Status Code:	
Permit Status Desc:	
Permit Type:	
Permit Type Desc:	
Status Code:	CLOS
Status Desc:	Permit Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
72	2 of 2	NE	0.24 / 1,255.57	108.44	Popklin Realty 607 Lairport Street El Segundo CA 90245	ELSEGUNDO UST

Permit:		**Removal Date:**	
Type:	Remediation Tanks	**Closure Date:**	
Inspected:		**A1998:**	
Petroleum:	1	**Inspection Due:**	
Haz Substance:		**State ID:**	
State:			
Extra Comments:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
73	1 of 1	E	0.24 / 1,257.40	113.98	TELEDYNE CONTROLS LLC 501 CONTINENTAL BLVD EL SEGUNDO CA 90245 5036	RCRA SQG

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAD981407216
Current Site Name:	TELEDYNE CONTROLS LLC
Generator Status Universe:	Small Quantity Generator
Land Type:	Private
Activity Location:	CA

TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	PO BOX 1026, EL SEGUNDO, CA, 90245 1026, US
Contact Name:	NOEL G LIRA
Contact Address:	501, CONTINENTAL BLVD, EL SEGUNDO, CA, 90245 5036, US
Contact Email:	NOEL.LIRA@TELEDYNE.COM
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	501 CONTINENTAL ASSOCIATES LLC
Owner/Operator Address:	165 S UNION BLVD STE 510 ALLIANCE COMMERCIAL PA LAKEWOOD CO US 80228
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	20050407
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	TELEDYNE CONTROLS A BUSINESS UNIT OF TEL
Owner/Operator Address:	US
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	20051206
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	TELEDYNE CONTROLS
Owner/Operator Address:	US
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	20051206
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	TELEDYNE CONTROLS LLC
Owner/Operator Address:	US
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	20160101
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	NOT REQUIRED
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON CO

Owner/Operator Address:	141 SPRING ST LEXINGTON MA 02173
Owner/Operator Phone:	7818602590
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	TELEDYNE CONTROLS-A BUSINESS UNIT OF TEL
Owner/Operator Address:	US
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	20051206
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	501 CONTINENTAL ASSOCIATES LLC
Owner/Operator Address:	216 KNOLLCREST CT REDWOOD PARTNERS MARTINEZ CO US 94553
Owner/Operator Phone:	925-370-1945
Owner/Operator Type:	P
Date Became Current:	20050407
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	CONTINENT PROPERTY LLC
Owner/Operator Address:	11444 W OLYMPIC BLVD 10TH FL LOS ANGELES CT US 90064
Owner/Operator Phone:	310-966-5705
Owner/Operator Type:	P
Date Became Current:	20100921
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	CONTINENT PROPERTY LLC
Owner/Operator Address:	11444 W OLYMPIC BLVD 10TH FL C/O THE WONDERFUL COMPANY LOS ANGELES CA US 90064
Owner/Operator Phone:	310-966-5705
Owner/Operator Type:	P
Date Became Current:	20100921
Date Ended Current:	
--	--
NAICS Information	
--	--
Naics Code:	334511
Naics Description:	SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEM AND INSTRUMENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	336413
Naics Description:	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	33422
Naics Description:	RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Handler Information	
--	--
Date Received:	20110228
Facility Name:	TELEDYNE CONTROLS A BUSINESS UNIT OF TELEDYNE TECH INC
Classification:	Small Quantity Generator
--	--
Date Received:	19960901
Facility Name:	RAYTHEON SYSTEMS CO
Classification:	Small Quantity Generator
--	--
Date Received:	19860508

Facility Name:	RAYTHEON SYSTEMS CO
Classification:	Large Quantity Generator
--	--
Date Received:	20060602
Facility Name:	TELEDYNE CONTROLS-A BUSINESS UNIT OF TEL
Classification:	Small Quantity Generator
--	--
Date Received:	19980204
Facility Name:	RAYTHEON SYSTEMS CO
Classification:	Small Quantity Generator
--	--
Date Received:	20100802
Facility Name:	TELEDYNE CONTROLS A BUSINESS UNIT OF TELEDYNE TECH INC
Classification:	Small Quantity Generator
--	--
Date Received:	20151216
Facility Name:	TELEDYNE CONTROLS LLC
Classification:	Small Quantity Generator
--	--
Hazardous Waste Information	
--	--
Waste Code:	181
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	331
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	343
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	352
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	512
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	513
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	551
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D000
Waste:	DESCRIPTION
Waste Code Active Status:	No
BR Waste Code Active Status:	No
--	--
Waste Code:	D001
Waste:	IGNITABLE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D002
Waste:	CORROSIVE WASTE

Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D008
Waste:	LEAD
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D011
Waste:	SILVER
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D035
Waste:	METHYL ETHYL KETONE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F001
Waste:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F002
Waste:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F003
Waste:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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 Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F005
Waste:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U223
Waste:	BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
74	1 of 4	SSW	0.24 / 1,268.53	114.31	ELECTROPLY INC 140 WASHINGTON ST. EL SEGUNDO CA 90245	HHSS

County: Los Angeles
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002643a.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
74	2 of 4	SSW	0.24 / 1,268.53	114.31	ELECTROPLY, INC 140 WASHINGTON ST EL SEGUNDO CA 90245	RCRA SQG

County Name: LOS ANGELES
County Code: CA037
EPA Handler ID: CAD981379506
Current Site Name: ELECTROPLY, INC
Generator Status Universe: Small Quantity Generator
Land Type:
Activity Location: CA
TSD Activity: No
Mixed Waste Generator: No
Importer Activity: No
Transporter Activity: No
Transfer Facility: No
Recycler Activity: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Inject Activity: No
Rece Waste From Off Site: No
Used Oil Transporter:
Used Oil Transfer Facility:
Used Oil Processor:
Used Oil Refiner:
Used Oil Burner:
Used Oil Market Burner:
Used Oil Spec Marketer:
Mailing Address: 140 WASHINGTON ST, EL SEGUNDO, CA, 90245,
Contact Name:
Contact Address:
Contact Email:
Location Street 2:

-- --
Owner/Operator Information
-- --
Owner/Operator Indicator: CP
Owner/Operator Name: NOT REQUIRED
Owner/Operator Address: NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone: 4155551212
Owner/Operator Type: P
Date Became Current:
Date Ended Current:
-- --
Owner/Operator Indicator: CO
Owner/Operator Name: PROCTOR CL & PETERS ONE R
Owner/Operator Address: NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone: 4155551212
Owner/Operator Type: P
Date Became Current:
Date Ended Current:
-- --
NAICS Information
-- --
Naics Code: 32613
Naics Description: LAMINATED PLASTICS PLATE, SHEET (EXCEPT PACKAGING), AND SHAPE MANUFACTURING
Naics Active Status: Yes
Naics Cycle: 2002

--	--
Naics Code:	334412
Naics Description:	BARE PRINTED CIRCUIT BOARD MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	334419
Naics Description:	OTHER ELECTRONIC COMPONENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Handler Information	
--	--
Date Received:	19860204
Facility Name:	ELECTROPLY, INC
Classification:	Large Quantity Generator
--	--
Date Received:	19920220
Facility Name:	ELECTROPLY INC
Classification:	Large Quantity Generator
--	--
Date Received:	19960901
Facility Name:	ELECTROPLY, INC
Classification:	Large Quantity Generator
--	--
Date Received:	19960901
Facility Name:	ELECTROPLY, INC
Classification:	Small Quantity Generator
--	--
Date Received:	19900405
Facility Name:	ELECTROPLY, INC
Classification:	Large Quantity Generator
--	--
Date Received:	19960320
Facility Name:	ELECTROPLY, INC.
Classification:	Large Quantity Generator
--	--
Date Received:	19940324
Facility Name:	ELECTROPLY, INC.
Classification:	Large Quantity Generator
--	--
Date Received:	19990304
Facility Name:	ELECTROPLY, INC.
Classification:	Large Quantity Generator
--	--
Violation/Evaluation Information	
--	--
Evaluation Start Date:	19930422
Evaluation Agency:	B
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
74	3 of 4	SSW	0.24 / 1,268.53	114.31	ELECTROPLY, INC 140 WASHINGTON ST EL SEGUNDO CA 90245	RCRA TSD

County Code:	CA037
County Name:	LOS ANGELES
EPA Handler ID:	CAD981379506
Current Site Name:	ELECTROPLY, INC
Generator Status Universe:	Small Quantity Generator
Land Type:	
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	140 WASHINGTON ST, EL SEGUNDO, CA, 90245,
Contact Name:	
Contact Address:	
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	NOT REQUIRED
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	PROCTOR CL & PETERS ONE R
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
NAICS Information	
--	--
Naics Code:	32613
Naics Description:	LAMINATED PLASTICS PLATE, SHEET (EXCEPT PACKAGING), AND SHAPE MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	334412
Naics Description:	BARE PRINTED CIRCUIT BOARD MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	334419
Naics Description:	OTHER ELECTRONIC COMPONENT MANUFACTURING
Naics Active Status:	Yes

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Naics Cycle:	2002
--	--
Handler Information	
--	--
Date Received:	19860204
Facility Name:	ELECTROPLY, INC
Classification:	Large Quantity Generator
--	--
Date Received:	19920220
Facility Name:	ELECTROPLY INC
Classification:	Large Quantity Generator
--	--
Date Received:	19960901
Facility Name:	ELECTROPLY, INC
Classification:	Large Quantity Generator
--	--
Date Received:	19960901
Facility Name:	ELECTROPLY, INC
Classification:	Small Quantity Generator
--	--
Date Received:	19900405
Facility Name:	ELECTROPLY, INC
Classification:	Large Quantity Generator
--	--
Date Received:	19960320
Facility Name:	ELECTROPLY, INC.
Classification:	Large Quantity Generator
--	--
Date Received:	19940324
Facility Name:	ELECTROPLY, INC.
Classification:	Large Quantity Generator
--	--
Date Received:	19990304
Facility Name:	ELECTROPLY, INC.
Classification:	Large Quantity Generator
--	--
Violation/Evaluation Information	
--	--
Evaluation Start Date:	19930422
Evaluation Agency:	B
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
74	4 of 4	SSW	0.24 / 1,268.53	114.31	Electroply 140 Washington Street CA	ELSEGUNDO UST

Permit:		**Removal Date:**	
Type:	Closed Tanks	**Closure Date:**	10/29/2004
Inspected:		**A1998:**	
Petroleum:		**Inspection Due:**	
Haz Substance:	3	**State ID:**	
State:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
Extra Comments:						

75	1 of 3	S	0.24 / 1,284.06	110.37	100 N SEPULVEDA BLVD EL SEGUNDO CA 90245	LA HMS

Site No: 013018
Area: 2N

--Details--
File No: 013278
File Name: PACIFIC CORPORATE TOWERS
Permit No: 00004975T
Permit Code: T
Permit Category Desc: Underground Storage Tank
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 0
Permit Type Desc: Underground Storage Tank Operating Permit
Status Code: CLOS
Status Desc: Permit Closed

75	2 of 3	S	0.24 / 1,284.06	110.37	Pacific Corporate Towers 100 N. Sepulveda Bl. El Segundo CA 90245	ELSEGUNDO UST

Permit:
Type: Closed Tanks
Inspected:
Petroleum: Piping Only
Haz Substance:
State:
Extra Comments:

Removal Date:
Closure Date: 10/5/1999
A1998:
Inspection Due:
State ID:

75	3 of 3	S	0.24 / 1,284.06	110.37	Pacific Corporate Towers 100 N. Sepulveda Blvd. El Segundo CA 90245	ELSEGUNDO UST

Permit:
Type: Closed Tanks
Inspected:
Petroleum: 1
Haz Substance:
State:
Extra Comments:

Removal Date:
Closure Date: 11/9/2005
A1998:
Inspection Due:
State ID:

76	1 of 1	SW	0.24 / 1,287.94	126.03	HYEPER SILK SCREENING 1415 E GRAND AVE EL SEGUNDO CA 90245	RCRA SQG

County Name: LOS ANGELES
County Code: CA037
EPA Handler ID: CAD983668617
Current Site Name: HYEPER SILK SCREENING
Generator Status Universe: Small Quantity Generator
Land Type: Private
Activity Location: CA
TSD Activity: No
Mixed Waste Generator: No
Importer Activity: No
Transporter Activity: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	1415, E GRAND AVE, EL SEGUNDO, CA, 90245,
Contact Name:	ARA KIZIRIAN
Contact Address:	1415 E GRAND AVE, EL SEGUNDO, CA, 90245, US
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	ASSADOUR KIZIRIAN
Owner/Operator Address:	1415 E GRAND AVE EL SEGUNDO CA 90245
Owner/Operator Phone:	3103229430
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Handler Information	
--	--
Date Received:	19930521
Facility Name:	HYEPER SILK SCREENING
Classification:	Small Quantity Generator
--	--

77	1 of 1	SSE	0.25 / 1,302.07	123.06	PACIFIC CORPORATE TOWERS 100 N. SEPULVEDA BL. El Segundo CA 90245	UST

Facility ID:	300211	**Latitude:**	33.9182168
County:	Los Angeles	**Longitude:**	-118.3935885
Permitting Agency:	EL SEGUNDO, CITY OF		

78	1 of 2	SW	0.25 / 1,305.64	114.22	222 KANSAS ST EL SEGUNDO CA 902454315	LA HMS

Site No:	008610
Area:	2N

--Details--

File No:	I15663
File Name:	INTERNATIONAL RECTIFIER
Permit No:	000012413
Permit Code:	I
Permit Category Desc:	Industrial Waste Permit
Permit Status Code:	CLOS
Permit Status Desc:	Permit Closed
Permit Type:	01
Permit Type Desc:	Operating Industrial Waste Permit - Local Sewer
Status Code:	CLOS
Status Desc:	Permit Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

File No: I16465
File Name: INTERNATIONAL RECTIFIER
Permit No: 000012264
Permit Code: I
Permit Category Desc: Industrial Waste Permit
Permit Status Code: REM
Permit Status Desc: Equipment Removed
Permit Type: 01
Permit Type Desc: Operating Industrial Waste Permit - Local Sewer
Status Code: REM
Status Desc: Equipment Removed

78	2 of 2	SW	0.25 / 1,305.64	114.22	USDA APHIS LABORATORY BUILDING 222 KANSAS ST EL SEGUNDO CA 90245-	LA SML

Facility ID:
Site ID: SD0000482
Case ID: RO0001482
CF Claim No: 11-858
Abated Referred: Yes
Abated Referred Dt: 10/02/2012
Assigned To: Richard Clark
File:

79	1 of 2	NE	0.25 / 1,311.01	108.45	700 LAIRPORT ST EL SEGUNDO CA 90245	LA HMS

Site No: 011881
Area: 2N

--Details--
File No: 011949
File Name: BLACKMORE ASSOCIATES
Permit No: 000182656
Permit Code: T
Permit Category Desc: Underground Storage Tank
Permit Status Code: CLOS
Permit Status Desc: Permit Closed
Permit Type: 0
Permit Type Desc: Underground Storage Tank Operating Permit
Status Code: CLOS
Status Desc: Permit Closed

79	2 of 2	NE	0.25 / 1,311.01	108.45	Blackmore & Associates/ WIN Investments, LP 700 Lairport Street El Segundo CA 90245	ELSEGUNDO UST

Permit:
Type: Closed Tanks
Inspected:
Petroleum: 1
Haz Substance: 1
State:
Extra Comments:
Removal Date:
Closure Date: 6/19/1986
A1998:
Inspection Due:
State ID:

80	1 of 3	SW	0.25 / 1,322.47	116.96	INTERNATIONAL RECTIFIER 233 KANSAS ST. EL SEGUNDO CA 90245	CERCLIS

Site ID: 0905276
Site EPA ID: CAD076208313

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information
Federal Facility:	Not a Federal Facility
Site Cnty Name:	LOS ANGELES
CERCLIS Assess History	
--	--
Date Started:	
Date Completed:	
Site Description:	No description available
	.
--	--
CERCLIS Assess History	
--	--
Action:	DISCOVERY
Date Started:	
Date Completed:	8/23/1995 00:00:00
Site Description:	
--	--
CERCLIS Assess History	
--	--
Action:	PRELIMINARY ASSESSMENT
Date Started:	
Date Completed:	9/24/1996 00:00:00
Site Description:	
--	--
CERCLIS Assess History	
--	--
Action:	ARCHIVE SITE
Date Started:	
Date Completed:	9/24/1996 00:00:00
Site Description:	
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
80	2 of 3	SW	0.25 / 1,322.47	116.96	INTERNATIONAL RECTIFIER 233 KANSAS ST. EL SEGUNDO CA 90245	CERCLIS NFRAP

Site ID:	905276
Site EPA ID:	CAD076208313
Site Fips Code:	6037
Federal Facility:	
Site Parent ID:	
Parent Site Name:	
Site Cngrsnl District Code:	27
Region Code:	9
State Code:	CA
Site Cnty Name:	LOS ANGELES
CERCLIS-NFRAP Assess History	
--	--
Action:	PRELIMINARY ASSESSMENT
Priority Level:	NFRAP
Date Started:	
Date Completed:	9/24/1996
--	--
CERCLIS-NFRAP Assess History	
--	--
Action:	ARCHIVE SITE
Priority Level:	
Date Started:	
Date Completed:	9/24/1996
--	--
CERCLIS-NFRAP Assess History	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

-- --
Action: DISCOVERY
Priority Level:
Date Started:
Date Completed: 8/23/1995
-- --

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80 **3 of 3** **SW** **0.25 / 1,322.47** **116.96** **INTERNATIONAL RECTIFIER**
233 KANSAS ST.
EL SEGUNDO CA 90245
SEMS ARCHIVE

Site ID: 0905276
EPA ID: CAD076208313
NPL: Not on the NPL
Federal Facility: No
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

FIPS Code: 06037
Cong District: 27
County: LOS ANGELES
Region: 09

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81 **1 of 1** **SW** **0.26 / 1,378.45** **123.76** **INTERNATIONAL RECTIFIER**
233 KANSAS STREET
EL SEGUNDO CA 90245
ENVIROSTOR

Estor/EPA ID: 19360533
Cleanup Status: REFER: RWQCB AS OF 1/15/2002
Site Code: 300569
Site Type: * HISTORICAL
Potential Media Affected: NONE SPECIFIED
Past Uses Caused Contam: NONE SPECIFIED
APN: NONE SPECIFIED
National Priorities List: NO
Cleab up Oversight Agenci: DTSC - LEAD
Special Program:
Funding:
Acres: NONE SPECIFIED
School District:
Assembly District: 62
Senate District: 26
Zip: 90245
Potential Contaminants:

ACID SOLUTION WITHOUT METALS
UNSPECIFIED ACID SOLUTION

Site History:

Facility Information
-- --
Program Type: HISTORICAL
Status: REFER: RWQCB
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=19360533
-- --
Completed Activities
-- --
Doc Link:
Area Name:
Sub Area:
Document Type: Preliminary Assessment Report
Date Completed: 9/24/1996
Comments: Preliminary Assessment completed under U.S. EPA grant. Site is no further assessment for U.S. EPA. However, DTSC requires a Preliminary Endangerment Assessment.
Activity Type: Completed Activities
-- --
Doc Link:
Area Name:
Sub Area:
Document Type: Site Screening

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Date Completed:	5/25/1995
Comments:	The Department received a hazardous substace release report. The site had a waste leak from a plating line and acidic aqueous waste left metal contamination in the soil. Due to evidence of contamination, the Department recommends a PEA. The Department notified the RP that a PEA be conducted.
Activity Type:	Completed Activities
--	--

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82 | **1 of 1** | **SSW** | **0.26 / 1,394.86** | **110.99** | **INTERNATIONAL RECTIFIER CORP.**
233 KANSAS ST
EL SEGUNDO CA | **CLEANUP SITES**

Global ID:	SL184571440	**CUF Case:**	*NO*
Case Type:	Cleanup Program Site	**Begin Date:**	*1996-11-01 00:00:00*
Status:	Completed - Case Closed	**How Discovered:**	
Status Date:	1997-02-27 00:00:00	**Stop Method:**	
RB Case No:	0608	**County:**	*Los Angeles*
LOC Case No:		**Latitude:**	*33.917719*
Lead Agency:	LOS ANGELES RWQCB (REGION 4)	**Longitude:**	*-118.399635*
Case Worker:		**File Location:**	
Local Agency:			
Potential Cntm of Concrn:			
Potential Media Affected:			
How Discovered Description:			
Stop Description:			
Site History:			

Status History

--	--
Status:	Open - Case Begin Date
Status Date:	1996-11-01 00:00:00
--	--
Status:	Completed - Case Closed
Status Date:	1997-02-27 00:00:00
--	--
Activities	
--	--
Action Type:	Other
Date:	1990-06-29 00:00:00
Action:	Leak Discovery
--	--
Action Type:	Other
Date:	1990-06-29 00:00:00
Action:	Leak Stopped
--	--
Action Type:	Other
Date:	1990-07-25 00:00:00
Action:	Leak Reported
--	--
Action Type:	ENFORCEMENT
Date:	1997-02-27 00:00:00
Action:	Closure/No Further Action Letter
--	--

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83 | **1 of 1** | **SSW** | **0.27 / 1,417.91** | **99.11** | **CITY OF EL SEGUNDO**
150 ILLINOIS ST
EL SEGUNDO CA 90245 | **LUST**

Global ID:	T0603705310	**CUF Case:**	*NO*
Case Type:	LUST Cleanup Site	**Begin Date:**	*1986-07-01 00:00:00*
Status:	Completed - Case Closed	**How Discovered:**	
Status Date:	2006-07-26 00:00:00	**Stop Method:**	
RB Case No:	R-20565	**County:**	*Los Angeles*
LOC Case No:		**Latitude:**	*33.9171671*
Lead Agency:	EL SEGUNDO, CITY OF	**Longitude:**	*-118.3982757*

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Case Worker: SHT
Local Agency: EL SEGUNDO, CITY OF
Potential Cntm of Concrn: Aviation
Potential Media Affected: Soil
How Discovered Description:
Stop Description:
Site History:
File Location:

Status History

--	--
Status:	Open - Case Begin Date
Status Date:	1986-07-01 00:00:00
--	--
Status:	Open - Site Assessment
Status Date:	1986-07-01 00:00:00
--	--
Status:	Completed - Case Closed
Status Date:	2006-07-26 00:00:00
--	--

Activities

--	--
Action Type:	Other
Date:	1986-07-01 00:00:00
Action:	Leak Reported
--	--

Contact Information

--	--
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:	
--	--
Contact Type:	Local Agency Caseworker
Contact Name:	STEVE TSUMURA
Organization Name:	EL SEGUNDO, CITY OF
Address:	314 MAIN STREET
City:	EL SEGUNDO
Email:	stsumura@elsegundo.org
Phone Number:	
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
84	1 of 1	SE	0.30 / 1,577.62	117.77	HUGHES AIRCRAFT CO CSG 1990 GRAND AVE E EL SEGUNDO CA 90245	LUST

Global ID: T0603705198
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1996-08-19 00:00:00
RB Case No: R-13532
LOC Case No:
Lead Agency: EL SEGUNDO, CITY OF
Case Worker: SHT
Local Agency: EL SEGUNDO, CITY OF
Potential Cntm of Concrn: Aviation
Potential Media Affected: Soil
How Discovered Description:
Stop Description:
Site History:

CUF Case: *NO*
Begin Date: *1996-08-19 00:00:00*
How Discovered:
Stop Method:
County: *Los Angeles*
Latitude: *33.9188509*
Longitude: *-118.39182*
File Location:

Status History

--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Status:	Open - Case Begin Date
Status Date:	1996-08-19 00:00:00
--	--
Status:	Completed - Case Closed
Status Date:	1996-08-19 00:00:00
--	--
Activities	
--	--
Action Type:	Other
Date:	1996-08-19 00:00:00
Action:	Leak Reported
--	--
Contact Information	
--	--
Contact Type:	Local Agency Caseworker
Contact Name:	STEVE TSUMURA
Organization Name:	EL SEGUNDO, CITY OF
Address:	314 MAIN STREET
City:	EL SEGUNDO
Email:	stsumura@elsegundo.org
Phone Number:	
--	--
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:	
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
85	1 of 1	ENE	0.32 / 1,670.04	107.45	MATTELL INC. 2031 MARIPOSA AVENUE EL SEGUNDO CA 90245	RCRA TSD

County Code:	CA037
County Name:	LOS ANGELES
EPA Handler ID:	CAD982433401
Current Site Name:	MATTELL INC.
Generator Status Universe:	Large Quantity Generator
Land Type:	Private
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	333, CONTINENTAL BLVD, EL SEGUNDO, CA, 90245, US
Contact Name:	NAVREET UPPAL
Contact Address:	333, CONTINENTAL BLVD, EL SEGUNDO, CA, 90245, US
Contact Email:	NAVREET.UPPAL@MATTEL.COM
Location Street 2:	
--	--
Owner/Operator Information	

--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	NOT REQUIRED
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	MATTEL INC.
Owner/Operator Address:	333 CONTINENTAL BLVD EL SEGUNDO CA US 90245
Owner/Operator Phone:	3102522000
Owner/Operator Type:	P
Date Became Current:	19910101
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	KILROY INDUSTRIES
Owner/Operator Address:	NOT REQUIRED NOT REQUIRED ME 99999
Owner/Operator Phone:	4155551212
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	MATTEL INC.
Owner/Operator Address:	333 CONTINENTAL BLVD EL SEGUNDO CA US 90245
Owner/Operator Phone:	3102522000
Owner/Operator Type:	P
Date Became Current:	19910101
Date Ended Current:	
--	--
NAICS Information	
--	--
Naics Code:	339932
Naics Description:	GAME, TOY, AND CHILDREN'S VEHICLE MANUFACTURING
Naics Active Status:	No
Naics Cycle:	2012
--	--
Naics Code:	339931
Naics Description:	DOLL AND STUFFED TOY MANUFACTURING
Naics Active Status:	No
Naics Cycle:	2012
--	--
Handler Information	
--	--
Date Received:	19901205
Facility Name:	MATTEL TOYS DESIGN CENTER
Classification:	Small Quantity Generator
--	--
Date Received:	20001012
Facility Name:	MATTEL DESIGN CENTER
Classification:	Large Quantity Generator
--	--
Date Received:	20020220
Facility Name:	MATTEL, INC. DESIGN CENTER
Classification:	Large Quantity Generator
--	--
Date Received:	19990415
Facility Name:	MATTEL, INC.
Classification:	Large Quantity Generator
--	--
Date Received:	20100224
Facility Name:	MATTELL INC.
Classification:	Large Quantity Generator
--	--
Date Received:	20020220

Facility Name:	MATTEL, INC. DESIGN CENTER
Classification:	Small Quantity Generator
--	--
Hazardous Waste Information	
--	--
Waste Code:	134
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	135
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	141
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	181
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	211
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	212
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	213
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	331
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	343
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	352
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	541
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	551
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	726
Waste:	from br conversion
Waste Code Active Status:	Yes

BR Waste Code Active Status:	Yes
--	--
Waste Code:	D001
Waste:	IGNITABLE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D002
Waste:	CORROSIVE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D003
Waste:	REACTIVE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D005
Waste:	BARIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D007
Waste:	CHROMIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D008
Waste:	LEAD
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D009
Waste:	MERCURY
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D011
Waste:	SILVER
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D035
Waste:	METHYL ETHYL KETONE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F002
Waste:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F003
Waste:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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 Active Status:	Yes

BR Waste Code Active Status:	Yes
--	--
Waste Code:	F005
Waste:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U159
Waste:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Violation/Evaluation Information	
--	--
Evaluation Start Date:	20150924
Evaluation Agency:	E
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD IS-Container Use and Management
Violation Determined Date:	20150924
Actual Return to Compliance Date:	20150925
Violation Responsible Agency:	E
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	20150924
Evaluation Agency:	E
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD IS-Container Use and Management
Violation Determined Date:	20150924
Actual Return to Compliance Date:	20150924
Violation Responsible Agency:	E
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	20150924
Evaluation Agency:	E
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - Pre-transport
Violation Determined Date:	20150924
Actual Return to Compliance Date:	20150925
Violation Responsible Agency:	E
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Paid Amount:
Final Amount:
-- --

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86 **1 of 4** **ENE** **0.34 / 1,772.21** **107.45** **NORTHROP CORP-AIRCRAFT DIV**
2031 E MARIPOSA AVE
EL SEGUNDO CA 90250
ENVIROSTOR

Estor/EPA ID: CAD009687336
Cleanup Status:
Site Code:
Site Type: PROTECTIVE FILER
Potential Media Affected:
Past Uses Caused Contam:
APN:
National Priorities List:
Cleab up Oversight Agenci:
Special Program:
Funding:
Acres:
School District:
Assembly District: 53
Senate District: 24
Zip: 90250
Potential Contaminants:

Site History:

NO FACILITY HISTORY HAS BEEN ENTERED FOR THIS SITE

Facility Information
-- --
Program Type: HAZ WASTE - RCRA
Status: PROTECTIVE FILER
Summary Link: http://www.envirostor.dtsc.ca.gov/public/hwmp_profile_report.asp?global_id=CAD009687336
-- --
Permit Units - Completed Act
-- --
Unit: MULTIPLE UNITS: CONTAIN1, INCIN1, TANKSTR1, TANKTRT1
Event Description: PROTECTIVE FILER STATUS - PROTECTIVE FILER (RECEIVED)
Doc Link:
Date: 7/21/1988
Activity Type: Permitted Units - Completed Activities
-- --
Unit: MULTIPLE UNITS: CONTAIN1, INCIN1, TANKSTR1, TANKTRT1
Event Description: PROTECTIVE FILER STATUS - PROTECTIVE FILER (APPROVED)
Doc Link:
Date: 6/25/1984
Activity Type: Permitted Units - Completed Activities
-- --
Units Undergoing Closure
-- --
Unit: NO PERMIT ACTIVITIES HAVE BEEN COMPLETED FOR THIS SITE
Event Description:
Doc Link:
Date:
Activity Type: Units Undergoing Closure - Completed Activities
-- --

---

86 **2 of 4** **ENE** **0.34 / 1,772.21** **107.45** **NORTHROP CORP-AIRCRAFT DIV**
2031 E MARIPOSA AVE
EL SEGUNDO CA 90250
ENVIROSTOR

Estor/EPA ID: 80001646
Cleanup Status: NO ACTION REQUIRED AS OF 6/19/2013
Site Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Site Type:	CORRECTIVE ACTION
Potential Media Affected:	NONE SPECIFIED
Past Uses Caused Contam:	NONE SPECIFIED
APN:	4138019002
National Priorities List:	NO
Cleab up Oversight Agenci:	NONE SPECIFIED
Special Program:	
Funding:	
Acres:	0 ACRES
School District:	
Assembly District:	62
Senate District:	26
Zip:	90250
Potential Contaminants:	
Site History:	
Facility Information	
--	--
Program Type:	CORRECTIVE ACTION
Status:	NO ACTION REQUIRED
Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=80001646
--	--
Completed Activities	
--	--
Doc Link:	
Area Name:	
Sub Area:	
Document Type:	Preliminary Assessment Report
Date Completed:	4/30/1990
Comments:	
Activity Type:	Completed Activities
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
86	3 of 4	ENE	0.34 / 1,772.21	107.45	NORTHROP CORP-AIRCRAFT DIV 2031 E MARIPOSA AVE EL SEGUNDO CA 902500000	HWP

EPA ID:	CAD009687336	**Latitude:**	34.038086
Status:	PROTECTIVE FILER	**Longitude:**	-118.298349
Facility Type:	Historical - Non-Operating	**Assembly District:**	53
Facility Size:		**Senate District:**	24
Team:		**Public Info Officer:**	
Site Code:		**Public Part Speci:**	
County:	LOS ANGELES	**Project Manager:**	

Completed Activities	
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1, INCIN1, TANKSTR1, TANKTRT1
Event Description:	Protective Filer Status - PROTECTIVE FILER (APPROVED)
Completed Date:	06/25/1984
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1, INCIN1, TANKSTR1, TANKTRT1
Event Description:	Protective Filer Status - PROTECTIVE FILER (RECEIVED)
Completed Date:	07/21/1988
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
86	4 of 4	ENE	0.34 / 1,772.21	107.45	NORTHROP CORP AIRCRAFT DIV 2031 E MARIPOSA AVE EL SEGUNDO CA 90245	RCRA CORRACTS

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAD009687336

Current Site Name:	NORTHROP CORP AIRCRAFT DIV
Generator Status Universe:	
Land Type:	Other
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	3901 W BROADWAY, HAWTHORNE, CA, 90250,
Contact Name:	MARY ELAINE PALACIO
Contact Address:	ONE HORNET WY, EL SEGUNDO, CA, 902452804, US
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	NORTHROP CORP.,AIRCRAFT DIVISION AQ
Owner/Operator Address:	2031 EAST MARIPOSA AVE EL SEGUNDO CA 90245
Owner/Operator Phone:	2139704704
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	NORTHROP CORP.,AIRCRAFT DIVISION AQ
Owner/Operator Address:	2031 EAST MARIPOSA AVE CITY NOT REPORTED CA 99999
Owner/Operator Phone:	2139704704
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
NAICS Information	
--	--
Naics Code:	336411
Naics Description:	AIRCRAFT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Handler Information	
--	--
Date Received:	19980924
Facility Name:	NORTHROP CORP AIRCRAFT DIV
--	--
Date Received:	19930909
Facility Name:	NORTHROP CORP AIRCRAFT DIV
--	--
Violation/Evaluation Information	
--	--
Evaluation Start Date:	19870626
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	Generators - General

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Violation Determined Date:	19870626
Actual Return to Compliance Date:	19880915
Violation Responsible Agency:	S
Enforcement Action Date:	19880915
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19870113
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - Closure/Post-Closure
Violation Determined Date:	19870113
Actual Return to Compliance Date:	19870803
Violation Responsible Agency:	S
Enforcement Action Date:	19870210
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Event	
--	--
Corrective Action Event Code:	CA029ST
Corrective Action Event Description:	LEAD AGENCY DETERMINATION
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	19900101
--	--
Corrective Action Event Code:	CA049PA
Corrective Action Event Description:	PA OR CERCLA INSPECTION
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	19900430
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
87	1 of 1	SW	0.34 / 1,773.68	131.26	1330 EAST FRANKLIN AVENUE 1330 EAST FRANKLIN AVENUE EL SEGUNDO CA 90245	VCP

ESTOR EPA ID:	60002376	**Funding:**	*SITE PROPONENT*
Program Type:	VOLUNTARY CLEANUP	**City:**	*EL SEGUNDO*
Status:	ACTIVE	**ZIP:**	*90245*
Site Type:	VOLUNTARY CLEANUP	**County:**	*LOS ANGELES*
Envirostor ID:	60002376	**Assembly District:**	*, 62*
Site Code:	301760	**Senate District:**	*, 26*
Special Program:	VOLUNTARY CLEANUP PROGRAM	**Longitude:**	*-118.401459*
Acres:	1.33 ACRES	**Latitude:**	*33.917644*
National Priorities List:	NO	**GeoTracker City:**	*El Segundo*
APN:	NONE SPECIFIED		
Cleanup Status:	ACTIVE AS OF 6/15/2016		

Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=60002376
Cleanup Oversight Agen:	DTSC - SITE CLEANUP PROGRAM - LEAD
Potential Media Affected:	NONE SPECIFIED
Past Use Caused Contam:	NONE SPECIFIED
Potential Contam of Cncrn:	
Site Facility Name:	1330 EAST FRANKLIN AVENUE
School District:	
Address Description:	1330 EAST FRANKLIN AVENUE
GeoTracker Address:	1330 East Franklin Avenue
SITE HISTORY:	

Completed Activities

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Document Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60002376&doc_id=60417399
Area Name:	
Sub Area:	
Document Type:	Monitoring Report
Date Completed:	10/7/2016
Comments:	
--	--
Document Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60002376&doc_id=60410725
Area Name:	
Sub Area:	
Document Type:	Site Characterization Report
Date Completed:	10/6/2016
Comments:	
--	--
Document Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60002376&enforcement_id=60421595
Area Name:	
Sub Area:	
Document Type:	Correspondence
Date Completed:	11/19/2016
Comments:	
--	--
Document Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60002376&enforcement_id=60410734
Area Name:	
Sub Area:	
Document Type:	Voluntary Cleanup Agreement
Date Completed:	7/1/2016
Comments:	
--	--
Document Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60002376&doc_id=60419710
Area Name:	
Sub Area:	
Document Type:	Monitoring Report
Date Completed:	11/2/2016
Comments:	
--	--
Document Link:	
Area Name:	
Sub Area:	
Document Type:	Technical Workplan
Date Completed:	10/25/2016
Comments:	
--	--
Document Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60002376&doc_id=60412651
Area Name:	
Sub Area:	
Document Type:	Pilot/Treatability Study Report
Date Completed:	10/6/2016
Comments:	
--	--
Document Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60002376&doc_id=60412621
Area Name:	
Sub Area:	
Document Type:	Site Characterization Report
Date Completed:	10/6/2016

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Comments:
-- --
Document Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60002376&doc_id=60412911
Area Name:
Sub Area:
Document Type: Phase 1
Date Completed: 10/6/2016
Comments:
-- --
Document Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60002376&enforcement_id=60418922
Area Name:
Sub Area:
Document Type: Annual Oversight Cost Estimate
Date Completed: 9/6/2016
Comments:
-- --

88	1 of 2	ENE	0.34 / 1,816.04	107.45	NORTHROP CORP/AIRCRAFT DIV 2043 E MARIPOSA AVE EL SEGUNDO CA 902450000	ENVIROSTOR

Estor/EPA ID: CAD000627216
Cleanup Status:
Site Code:
Site Type: CLOSED
Potential Media Affected:
Past Uses Caused Contam:
APN:
National Priorities List:
Cleab up Oversight Agenci:
Special Program:
Funding:
Acres:
School District:
Assembly District: 62
Senate District: 26
Zip: 90245
Potential Contaminants:

Site History:

NO FACILITY HISTORY HAS BEEN ENTERED FOR THIS SITE

Facility Information
-- --
Program Type: HAZ WASTE - RCRA
Status: CLOSED
Summary Link: http://www.envirostor.dtsc.ca.gov/public/hwmp_profile_report.asp?global_id=CAD000627216
-- --
Permit Units - Completed Act
-- --
Unit: MULTIPLE UNITS: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: NEW OPERATING PERMIT - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Doc Link:
Date: 8/31/1989
Activity Type: Permitted Units - Completed Activities
-- --
Unit: MULTIPLE UNITS: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: NEW OPERATING PERMIT - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Doc Link:
Date: 8/23/1988
Activity Type: Permitted Units - Completed Activities
-- --
Unit: MULTIPLE UNITS: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: NEW OPERATING PERMIT - APPLICATION PART A RECEIVED
Doc Link:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Date: 11/19/1980
Activity Type: Permitted Units - Completed Activities
-- --
Units Undergoing Closure
-- --
Unit: MULTIPLE UNITS: CONTAIN1, INCIN1, TANKSTR1, TANKTRT1
Event Description: CLOSURE FINAL - ISSUE CLOSURE VERIFICATION
Doc Link:
Date: 9/30/1991
Activity Type: Units Undergoing Closure - Completed Activities
-- --
Unit: MULTIPLE UNITS: CONTAIN1, INCIN1, TANKSTR1, TANKTRT1
Event Description: CLOSURE FINAL - RECEIVE CLOSURE CERTIFICATION
Doc Link:
Date: 6/25/1991
Activity Type: Units Undergoing Closure - Completed Activities
-- --

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88 | **2 of 2** | **ENE** | **0.34 / 1,816.04** | **107.45** | **NORTHROP CORP/AIRCRAFT DIV**
2043 E MARIPOSA AVE
EL SEGUNDO CA 902450000 | **HWP**

EPA ID: CAD000627216
Status: CLOSED
Facility Type: Historical - Non-Operating
Facility Size:
Team:
Site Code:
County: LOS ANGELES
Latitude: 33.923442
Longitude: -118.390444
Assembly District: 62
Senate District: 26
Public Info Officer:
Public Part Speci:
Project Manager:

Completed Activities
-- --
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Completed Date: 11/19/1980
-- --
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Completed Date: 08/31/1989
-- --
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKSTR1, TANKTRT1
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Completed Date: 08/23/1988
-- --
Undergoing Closure
-- --
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, INCIN1, TANKSTR1, TANKTRT1
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Completed Date: 09/30/1991
-- --
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, INCIN1, TANKSTR1, TANKTRT1
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Completed Date: 06/25/1991
-- --

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89 | **1 of 1** | **NE** | **0.35 / 1,850.80** | **109.51** | **RAYTHEON CO**
2030 MAPLE AVENUE
EL SEGUNDO CA 90245 | **ENVIROSTOR**

Estor/EPA ID: 60001344
Cleanup Status: ACTIVE AS OF 4/14/2015

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Site Code:	300315
Site Type:	CORRECTIVE ACTION
Potential Media Affected:	UNDER INVESTIGATION
Past Uses Caused Contam:	ABOVE GROUND STORAGE TANKS, AEROSPACE MANUFACTURING/MAINTENANCE, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, MANUFACTURING - ELECTRONIC, MANUFACTURING - METAL, METAL FINISHING, METAL PLATING - CHROME, METAL PLATING - OTHER, SAND BLASTING, UNKNOWN
APN:	NONE SPECIFIED
National Priorities List:	NO
Cleab up Oversight Agenci:	DTSC - HAZARDOUS WASTE MANAGEMENT PROGRAM - LEAD
Special Program:	
Funding:	RESPONSIBLE PARTY
Acres:	15.5 ACRES
School District:	
Assembly District:	62
Senate District:	26
Zip:	90245
Potential Contaminants:	

UNDER INVESTIGATION

Site History:

Inactive facility undergoing closure: Hughes Radar Communications Systems (HRCS) is located at 2060 East Imperial Highway, City of El Segundo, Los Angeles County, California. HRCS operated a hazardous waste management facility under the grant of interim status for storage of hazardous waste consisting of an aggregated volume of approximately 6,000 gallons under the tank capacity category (SO2) and a 10,000 gallons capacity under the container category (SO1). In December 1992, DTSC issued a certification for the closure of the container (SO1) storage area. The closure certification issued by DTSC did not affect the regulatory status of the tanks (SO2). The facility was asked to submit a revised closure plan to deal with all remaining unit. However, the facility has argued that units cited in the Part A were not really subject to closure.

The facility is a manufacturer of radar and communication systems which also involves manufacturing printed circuit board. Associated activities at the facility include: photo-developing, metal machining, lab works (inspecting and cleaning), assembly, testing, vehicles and maintenance operations. Wastes are generated at various facility buildings. These wastes include: alkaline sodium hydrochloride, magnesium grindings, used oil, paint sludge, 1,1,1-trichloroethane, nickel sulfate, formic acid solution, boric acid, methyl ethyl ketone, isopropyl alcohol, and potassium hydroxide. Negotiations between DTSC and the facility are being proposed.

Raytheon believes they have already explained with multiple submittals why approximately 12 tanks should not be considered as under RCRA permit and have not responded to verbal request to explain further. Reasons given include: unit listed on Part A but later determined that permit was not necessary and not listed on Part B, did not exceed 90 day storage, tank removed prior to October 1981 ISD permit with documentation on file with LACoDPW or RWQCB. Most of the information is over 20 years old and upon inspection the units were apparently remove long ago. Raytheon has indicated they do not see a need to enter into a CACA

Facility Information	
--	--
Program Type:	CORRECTIVE ACTION
Status:	ACTIVE
Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=60001344
--	--
Completed Activities	
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001344&enforcement_id=60380947
Area Name:	
Sub Area:	
Document Type:	Annual Oversight Cost Estimate
Date Completed:	9/26/2014
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	
Area Name:	
Sub Area:	
Document Type:	Corrective Action Oversight Cost Recovery Estimate
Date Completed:	10/11/2013
Comments:	
Activity Type:	Completed Activities
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
90	1 of 1	S	0.35 / 1,865.87	110.79	CHEVRON #9-7879 101 SEPULVEDA BLVD S EL SEGUNDO CA 90245	LUST

Global ID: T0603703512
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1996-08-26 00:00:00
RB Case No: I-09890
LOC Case No:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: YR
Local Agency: EL SEGUNDO, CITY OF
CUF Case: YES
Begin Date: 1993-06-22 00:00:00
How Discovered: Tank Closure
Stop Method:
County: Los Angeles
Latitude: 33.9158106
Longitude: -118.3961311
File Location:
Potential Cntm of Concrn: Other Solvent or Non-Petroleum Hydrocarbon
Potential Media Affected: Soil
How Discovered Description:
Stop Description:
Site History:

Status History

--	--
Status:	Open - Site Assessment
Status Date:	1993-06-22 00:00:00
--	--
Status:	Open - Case Begin Date
Status Date:	1993-06-22 00:00:00
--	--
Status:	Open - Remediation
Status Date:	1995-08-16 00:00:00
--	--
Status:	Completed - Case Closed
Status Date:	1996-08-26 00:00:00
--	--

Activities

--	--
Action Type:	Other
Date:	1993-06-22 00:00:00
Action:	Leak Reported
--	--
Action Type:	Other
Date:	1993-06-22 00:00:00
Action:	Leak Discovery
--	--

Contact Information

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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:	
--	--
Contact Type:	Local Agency Caseworker
Contact Name:	STEVE TSUMURA
Organization Name:	EL SEGUNDO, CITY OF
Address:	314 MAIN STREET
City:	EL SEGUNDO
Email:	stsumura@elsegundo.org
Phone Number:	
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
91	1 of 1	NE	0.35 / 1,867.35	107.45	HUGHES AIRCRAFT CO/ SCG 1925 MAPLE ST E EL SEGUNDO CA 90245	LUST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Global ID:	T0603705197	**CUF Case:**	*NO*
Case Type:	LUST Cleanup Site	**Begin Date:**	*1994-09-29 00:00:00*
Status:	Completed - Case Closed	**How Discovered:**	*Tank Closure*
Status Date:	1996-01-03 00:00:00	**Stop Method:**	
RB Case No:	R-13531	**County:**	*Los Angeles*
LOC Case No:		**Latitude:**	*33.927358*
Lead Agency:	EL SEGUNDO, CITY OF	**Longitude:**	*-118.392281*
Case Worker:	SHT	**File Location:**	
Local Agency:	EL SEGUNDO, CITY OF		
Potential Cntm of Concrn:	Alcohols		
Potential Media Affected:	Soil		
How Discovered Description:			
Stop Description:			
Site History:			

Status History

--	--
Status:	Open - Case Begin Date
Status Date:	1994-09-29 00:00:00
--	--
Status:	Completed - Case Closed
Status Date:	1996-01-03 00:00:00
--	--

Activities

--	--
Action Type:	Other
Date:	1994-09-29 00:00:00
Action:	Leak Stopped
--	--
Action Type:	Other
Date:	1994-10-10 00:00:00
Action:	Leak Discovery
--	--
Action Type:	Other
Date:	1994-11-28 00:00:00
Action:	Leak Reported
--	--

Contact Information

--	--
Contact Type:	Local Agency Caseworker
Contact Name:	STEVE TSUMURA
Organization Name:	EL SEGUNDO, CITY OF
Address:	314 MAIN STREET
City:	EL SEGUNDO
Email:	stsumura@elsegundo.org
Phone Number:	
--	--
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:	
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
92	1 of 1	SSE	0.36 / 1,908.51	118.56	RAYTHEON SPACE AND AIRBORNE SYSTEMS 2000 E EL SEGUNDO BLVD EL SEGUNDO CA 90245	ENVIROSTOR

Estor/EPA ID:	80001335
Cleanup Status:	ACTIVE AS OF 1/1/2008
Site Code:	300331
Site Type:	CORRECTIVE ACTION
Potential Media Affected:	SOIL

Past Uses Caused Contam:	AEROSPACE MANUFACTURING/MAINTENANCE
APN:	NONE SPECIFIED
National Priorities List:	NO
Cleab up Oversight Agenci:	DTSC - SITE CLEANUP PROGRAM
Special Program:	
Funding:	
Acres:	0.85 ACRES
School District:	
Assembly District:	62
Senate District:	26
Zip:	90245
Potential Contaminants:	

1,1,1-TRICHLOROETHANE (TCA)
TRICHLOROETHYLENE (TCE)

Site History:

Active Facility - Permitted: The Raytheon Company El Segundo Facility (Raytheon) is permitted as a Hazardous Waste Storage Facility and registered as a Hazardous Waste Hauler, with a permit issued by DTSC in December 24, 1996. Raytheon was formerly known as Raytheon Systems Company, Sensors and Electronics Systems (Raytheon-SES), Hughes Aircraft Company, Electro-Optical Systems (Hughes-EOS), and Hughes Aircraft Company, Electro-Optical & Data Systems Group (Hughes-EDSG). Records validated, Liang Chiang, 11/1/05.

The Raytheon Facility consists of approximately 100 acres in industrial complex located in the City of El Segundo, California. Raytheon is a manufacturer and assembler of electronic components and accessories. Raytheon-generated wastes are stored at the facility. These include plating wastes, spent halogenated and non-halogenated solvents, magnesium turnings, cutting fluids, waste water treatment sludge, ethylene glycol, petroleum waste oils, alkaline wastes, acidic wastes, miscellaneous laboratory wastes and retrograde chemicals.

On November 15, 1991, the U.S. EPA prepared a RCRA Preliminary Assessment (RPA) which identified 4 solid waste management units (SWMUs), and two areas of concern (AOCs).

In May 1995, Hughes-EDSG submitted an underground fuel clean-up and closure report (UFCCR) to Los Angeles Regional Water Quality Control Board (LARWQCB). This UFCCR indicated that a soil vapor extraction system had removed 20,000 pounds of gasoline-range hydrocarbons from the site soils and ground water. On July 22,1996, the LARWQCB approved the site investigation and remediation for the underground storage tank system as being completed and no further action was required.

Facility Information	
--	--
Program Type:	CORRECTIVE ACTION
Status:	ACTIVE
Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=80001335
--	--
Completed Activities	
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001335&doc_id=60418469
Area Name:	
Sub Area:	
Document Type:	RFI Workplan
Date Completed:	11/1/2016
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001335&doc_id=60410699
Area Name:	
Sub Area:	
Document Type:	Technical Report
Date Completed:	6/27/2016
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001335&doc_id=60396255
Area Name:	
Sub Area:	
Document Type:	Technical Workplan
Date Completed:	1/27/2016
Comments:	
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001335&enforcement_id=60314996
Area Name:	
Sub Area:	
Document Type:	Human Exposure Controlled
Date Completed:	9/21/2015
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001335&enforcement_id=60400625
Area Name:	
Sub Area:	
Document Type:	Correspondence
Date Completed:	9/11/2015
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001335&doc_id=60314998
Area Name:	
Sub Area:	
Document Type:	RFI Report
Date Completed:	5/29/2015
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001335&doc_id=60380621
Area Name:	
Sub Area:	
Document Type:	Technical Workplan
Date Completed:	10/7/2014
Comments:	
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001335&enforcement_id=60351926
Area Name:	
Sub Area:	
Document Type:	Correspondence
Date Completed:	10/17/2013
Comments:	complete
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001335&doc_id=60338581
Area Name:	
Sub Area:	
Document Type:	RFI Workplan Addendum
Date Completed:	10/11/2013
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001335&doc_id=60290842
Area Name:	
Sub Area:	
Document Type:	Fieldwork
Date Completed:	6/25/2013
Comments:	field work begun
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001335&doc_id=60309616
Area Name:	
Sub Area:	
Document Type:	RFI Workplan Addendum
Date Completed:	12/5/2012
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001335&doc_id=60279031
Area Name:	
Sub Area:	
Document Type:	RFI Workplan

Date Completed:	6/28/2012
Comments:	conditional appoval, field work to follow
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001335&doc_id=60274394
Area Name:	
Sub Area:	
Document Type:	Technical Report
Date Completed:	1/17/2012
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001335&enforcement_id=6015389
Area Name:	
Sub Area:	
Document Type:	Consent Order
Date Completed:	6/22/2011
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001335&doc_id=60252885
Area Name:	
Sub Area:	
Document Type:	Technical Report
Date Completed:	8/18/2010
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	
Area Name:	
Sub Area:	
Document Type:	* Historical Operating Permit Authority
Date Completed:	12/24/1996
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	
Area Name:	
Sub Area:	
Document Type:	Interim Measures Questionnaire
Date Completed:	1/24/1992
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	
Area Name:	
Sub Area:	
Document Type:	RCRA Facility Assessment Report
Date Completed:	9/7/1991
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001335&doc_id=6025515
Area Name:	
Sub Area:	
Document Type:	Preliminary Assessment Report
Date Completed:	9/7/1991
Comments:	
Activity Type:	Completed Activities
--	--
Future Activities	
--	--
NOTE:	THE DUE DATES OF FUTURE ACTIVITIES ARE SUBJECT TO CHANGE BASED ON THE PROGRESS OF CURRENTLY SCHEDULED ACTIVITIES
--	--
Area Name:	
Sub Area:	
Document Type:	Groundwater Migration Controlled

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Due Date:	2017
Activity Type:	Future Activities
--	--
Area Name:	
Sub Area:	
Document Type:	Remedy Constructed
Due Date:	2017
Activity Type:	Future Activities
--	--
Area Name:	
Sub Area:	
Document Type:	Remedy Selection and Statement of Basis
Due Date:	2017
Activity Type:	Future Activities
--	--
Area Name:	
Sub Area:	
Document Type:	Corrective Measures Study Report
Due Date:	2018
Activity Type:	Future Activities
--	--

93	1 of 2	SSE	0.37 / 1,951.54	120.58	RAYTHEON COMPANY 2000 E. EL SEGUNDO BLVD. EL SEGUNDO CA 90245	RCRA CORRACTS

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAD000633230
Current Site Name:	RAYTHEON COMPANY
Generator Status Universe:	Large Quantity Generator
Land Type:	Private
Activity Location:	CA
TSD Activity:	Yes
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	Yes
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No
Mailing Address:	2000, E. EL SEGUNDO BLVD., EL SEGUNDO, CA, 90245, US
Contact Name:	JAYALAKSHMI M MOHAN
Contact Address:	2000, E. EL SEGUNDO BLVD., EO/E04/N131, EL SEGUNDO, CA, 90245, US
Contact Email:	MANJU.MOHAN@RAYTHEON.COM
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER STREET WALTHAM MA 02451
Owner/Operator Phone:	7817683991
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
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Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER ST WALTHAM MA 02451
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER STREET WALTHAM MA US 02451
Owner/Operator Phone:	7817683991
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER STREET WALTHAM MA US 02451
Owner/Operator Phone:	7187683991
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON CO
Owner/Operator Address:	141 SPRING ST LEXINGTON MA 02173
Owner/Operator Phone:	7818602590
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON CO
Owner/Operator Address:	870 WINTER ST WALTHAM MA US 024511449
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER STREET WALTHAM MA US 02451
Owner/Operator Phone:	7817683991
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER ST WALTHAM MA US 02451
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
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Owner/Operator Indicator:	CP
Owner/Operator Name:	HUGHES AIRCRAFT COMPANY EL SEGUNDO SOUTH
Owner/Operator Address:	2000 EAST EL SEGUNDO BLVD CITY NOT REPORTED CA 99999
Owner/Operator Phone:	2133910711
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	US
Owner/Operator Phone:	

Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
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Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER STREET WALTHAM MA US 02451
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	RAYTHEON CO
Owner/Operator Address:	US
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
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NAICS Information	
--	--
Naics Code:	334419
Naics Description:	OTHER ELECTRONIC COMPONENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
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Naics Code:	332813
Naics Description:	ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING
Naics Active Status:	Yes
Naics Cycle:	2002
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Naics Code:	33422
Naics Description:	RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	335999
Naics Description:	ALL OTHER MISCELLANEOUS ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
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Handler Information	
--	--
Date Received:	20120726
Facility Name:	RAYTHEON COMPANY, SPACE AND AIRBORNE SYSTEMS
Classification:	Large Quantity Generator
--	--
Date Received:	19980204
Facility Name:	RAYTHEON SYSTEMS CO
Classification:	Large Quantity Generator
--	--
Date Received:	19940330
Facility Name:	HUGHES AIRCRAFT CO, ELECTRO OPTICAL SYS
Classification:	Large Quantity Generator
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Date Received:	20001012
Facility Name:	RAYTHEON COMPANY, ELECTRONIC SYSTEMS
Classification:	Large Quantity Generator

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Date Received:	20040220
Facility Name:	RAYTHEON CO SPACE AND AIRBORNE SYSTEMS
Classification:	Large Quantity Generator
--	--
Date Received:	20140301
Facility Name:	RAYTHEON COMPANY
Classification:	Large Quantity Generator
--	--
Date Received:	20080219
Facility Name:	RAYTHEON COMPANY, SAS
Classification:	Large Quantity Generator
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Date Received:	20020221
Facility Name:	RAYTHEON COMPANY, ELECTRONIC SYSTEMS
Classification:	Large Quantity Generator
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Date Received:	19960901
Facility Name:	RAYTHEON SYSTEMS CO
Classification:	Large Quantity Generator
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Date Received:	19960326
Facility Name:	HUGHES AIRCRAFT CO EOS ESS
Classification:	Large Quantity Generator
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Date Received:	19990316
Facility Name:	RAYTHEON SYSTEMS COMPANY, SENSORS AND EL
Classification:	Large Quantity Generator
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Date Received:	19800818
Facility Name:	RAYTHEON SYSTEMS CO
Classification:	Large Quantity Generator
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Date Received:	19920413
Facility Name:	HUGHES ELECTRO OPTICAL DATA SYSTEMS GROU
Classification:	Large Quantity Generator
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Date Received:	20060217
Facility Name:	RAYTHEON COMPANY, SAS
Classification:	Large Quantity Generator
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Date Received:	20100608
Facility Name:	RAYTHEON COMPANY, SPACE AND AIRBORNE SYSTEMS
Classification:	Large Quantity Generator
--	--
Date Received:	20160225
Facility Name:	RAYTHEON COMPANY
Classification:	Large Quantity Generator
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Hazardous Waste Information	
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Waste Code:	121
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	122
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	123
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	135
Waste:	from br conversion

Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	141
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	151
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	171
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	172
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	181
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	212
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	213
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	214
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	221
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	223
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	241
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	291
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	331
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	343
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	352
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	461
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	512
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	513
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	541
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	551
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	711
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	731
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	741
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	791
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	792
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D001
Waste:	IGNITABLE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D002
Waste:	CORROSIVE WASTE
Waste Code Active Status:	Yes

BR Waste Code Active Status:	Yes
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Waste Code:	D003
Waste:	REACTIVE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D004
Waste:	ARSENIC
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D005
Waste:	BARIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D006
Waste:	CADMIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D007
Waste:	CHROMIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D008
Waste:	LEAD
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D009
Waste:	MERCURY
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D010
Waste:	SELENIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D011
Waste:	SILVER
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D015
Waste:	TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D018
Waste:	BENZENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D027
Waste:	1,4-DICHLOROBENZENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D035
Waste:	METHYL ETHYL KETONE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	F001

Waste:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F002
Waste:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F003
Waste:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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 Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F005
Waste:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F006
Waste:	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	F007
Waste:	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F008
Waste:	PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F027
Waste:	DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)
Waste Code Active Status:	Yes

BR Waste Code Active Status:	Yes
--	--
Waste Code:	P015
Waste:	BERYLLIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	P030
Waste:	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	P065
Waste:	FULMINIC ACID, MERCURY(2+) SALT (R,T) (OR) MERCURY FULMINATE (R,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	P074
Waste:	NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	P098
Waste:	POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	P106
Waste:	SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	P120
Waste:	VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	P122
Waste:	ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U002
Waste:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U003
Waste:	ACETONITRILE (I,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U019
Waste:	BENZENE (I,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U031
Waste:	1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U035
Waste:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U056

Waste:	BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U057
Waste:	CYCLOHEXANONE (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U069
Waste:	1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U080
Waste:	METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U115
Waste:	ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U122
Waste:	FORMALDEHYDE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U125
Waste:	2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U133
Waste:	HYDRAZINE (R,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U134
Waste:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U140
Waste:	1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U144
Waste:	ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U154
Waste:	METHANOL (I) (OR) METHYL ALCOHOL (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U159
Waste:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U161
Waste:	4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

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Waste Code:	U162
Waste:	2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U163
Waste:	GUANIDINE, N-METHYL-N'-NITRO-N-NITROSO- (OR) MNNG
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U165
Waste:	NAPHTHALENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U166
Waste:	1,4-NAPHTHALENEDIONE (OR) 1,4-NAPHTHOQUINONE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U169
Waste:	BENZENE, NITRO- (OR) NITROBENZENE (I,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U188
Waste:	PHENOL
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U196
Waste:	PYRIDINE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U211
Waste:	CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U213
Waste:	FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U216
Waste:	THALLIUM CHLORIDE TLCL (OR) THALLIUM(I) CHLORIDE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U220
Waste:	BENZENE, METHYL- (OR) TOLUENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U223
Waste:	BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U226
Waste:	ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U238
Waste:	CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)

Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U239
Waste:	BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Violation/Evaluation Information	
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Evaluation Start Date:	19940106
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19940125
Actual Return to Compliance Date:	19940228
Violation Responsible Agency:	S
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19940816
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	19940816
Actual Return to Compliance Date:	19941014
Violation Responsible Agency:	S
Enforcement Action Date:	19940819
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	INITIAL 3008(A) COMPLIANCE
Proposed Penalty Amount:	2050
Paid Amount:	1450
Final Amount:	1450
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Evaluation Start Date:	20001218
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20071018
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance	

Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20000427
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - Manifest/Records/Reporting
Violation Determined Date:	20000427
Actual Return to Compliance Date:	20020906
Violation Responsible Agency:	S
Enforcement Action Date:	20000615
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20120621
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20140121
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19910805
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19910805
Actual Return to Compliance	19911118

Date:	
Violation Responsible Agency:	S
Enforcement Action Date:	19910916
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19940816
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19940816
Actual Return to Compliance Date:	19941014
Violation Responsible Agency:	S
Enforcement Action Date:	19940819
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	INITIAL 3008(A) COMPLIANCE
Proposed Penalty Amount:	2050
Paid Amount:	1450
Final Amount:	1450
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Evaluation Start Date:	19961120
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20010628
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20060308
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance	

Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20070928
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20000427
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General Facility Standards
Violation Determined Date:	20000427
Actual Return to Compliance Date:	20020906
Violation Responsible Agency:	S
Enforcement Action Date:	20020918
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	SINGLE SITE CA/FO
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19890906
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19890906
Actual Return to Compliance Date:	19911118
Violation Responsible Agency:	S
Enforcement Action Date:	19891020
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19911122
Evaluation Agency:	C
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	TSD - Financial Requirements
Violation Determined Date:	19911122
Actual Return to Compliance	19940106

Date:
Violation Responsible Agency: E
Enforcement Action Date:
Enforcement Agency:
Disposition Status Date:
Disposition Status:
Enforcement Type Description:
Proposed Penalty Amount:
Paid Amount:
Final Amount:
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Evaluation Start Date: 19941110
Evaluation Agency: S
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Violation Determined Date:
Actual Return to Compliance Date:
Violation Responsible Agency:
Enforcement Action Date:
Enforcement Agency:
Disposition Status Date:
Disposition Status:
Enforcement Type Description:
Proposed Penalty Amount:
Paid Amount:
Final Amount:
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Evaluation Start Date: 20100902
Evaluation Agency: S
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Violation Determined Date:
Actual Return to Compliance Date:
Violation Responsible Agency:
Enforcement Action Date:
Enforcement Agency:
Disposition Status Date:
Disposition Status:
Enforcement Type Description:
Proposed Penalty Amount:
Paid Amount:
Final Amount:
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Evaluation Start Date: 20140210
Evaluation Agency: S
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Violation Determined Date:
Actual Return to Compliance Date:
Violation Responsible Agency:
Enforcement Action Date:
Enforcement Agency:
Disposition Status Date:
Disposition Status:
Enforcement Type Description:
Proposed Penalty Amount:
Paid Amount:
Final Amount:
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Evaluation Start Date: 20150624
Evaluation Agency: S
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Violation Determined Date:
Actual Return to Compliance

Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19890906
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19890906
Actual Return to Compliance Date:	19911118
Violation Responsible Agency:	S
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19940816
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	19940816
Actual Return to Compliance Date:	19941014
Violation Responsible Agency:	S
Enforcement Action Date:	19940816
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20050607
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20060222
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance	

Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20000427
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	20000427
Actual Return to Compliance Date:	20020906
Violation Responsible Agency:	S
Enforcement Action Date:	20000615
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20000427
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General Facility Standards
Violation Determined Date:	20000427
Actual Return to Compliance Date:	20020906
Violation Responsible Agency:	S
Enforcement Action Date:	20000615
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20100217
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19910805
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19910805
Actual Return to Compliance	19911118

Date:	
Violation Responsible Agency:	S
Enforcement Action Date:	19910916
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	INITIAL 3008(A) COMPLIANCE
Proposed Penalty Amount:	1250
Paid Amount:	700
Final Amount:	700
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Evaluation Start Date:	20050629
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20061103
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20061120
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20100713
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance	

Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20120829
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20150923
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20020906
Evaluation Agency:	S
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20060622
Evaluation Agency:	L
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	20060622
Actual Return to Compliance	20060721

Date:	
Violation Responsible Agency:	S
Enforcement Action Date:	20060622
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19890906
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19890906
Actual Return to Compliance Date:	19940106
Violation Responsible Agency:	S
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19890926
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20000427
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - Pre-transport
Violation Determined Date:	20000427
Actual Return to Compliance Date:	20020906
Violation Responsible Agency:	S
Enforcement Action Date:	20000615
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19990126
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance	

Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20040525
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20100128
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20000427
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	20000427
Actual Return to Compliance Date:	20020906
Violation Responsible Agency:	S
Enforcement Action Date:	20020918
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	SINGLE SITE CA/FO
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19890906
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19890906
Actual Return to Compliance	19940106

Date:	
Violation Responsible Agency:	S
Enforcement Action Date:	19891020
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19940816
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19940816
Actual Return to Compliance Date:	19941014
Violation Responsible Agency:	S
Enforcement Action Date:	19940816
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20000427
Evaluation Agency:	S
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Event	
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Corrective Action Event Code:	CA075LO
Corrective Action Event Description:	CA PRIORITIZATION-LOW CA PRIORITY
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	19910907
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Corrective Action Event Code:	CA075LO
Corrective Action Event Description:	CA PRIORITIZATION-LOW CA PRIORITY
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	19920124
New Schedule Date of Event:	
Actual Date of Event:	19920124
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Corrective Action Event Code:	CA110
Corrective Action Event Description:	INVESTIGATION WORKPLAN RECEIVED

Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	20161006
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Corrective Action Event Code:	CA180
Corrective Action Event Description:	INVESTIGATION IMPLEMENTATION BEGUN
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	20130625
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Corrective Action Event Code:	CA225NR
Corrective Action Event Description:	STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	19920124
New Schedule Date of Event:	
Actual Date of Event:	19920124
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Corrective Action Event Code:	CA049PA
Corrective Action Event Description:	PA OR CERCLA INSPECTION
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	19910907
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Corrective Action Event Code:	CA050
Corrective Action Event Description:	RFA COMPLETED
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	19910907
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Corrective Action Event Code:	CA150
Corrective Action Event Description:	INVESTIGATION WORKPLAN APPROVED
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	20161101
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Corrective Action Event Code:	CA200
Corrective Action Event Description:	INVESTIGATION COMPLETE
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	20150529
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Corrective Action Event Code:	CA725YE
Corrective Action Event Description:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	20151229
New Schedule Date of Event:	
Actual Date of Event:	20150921

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

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Corrective Action Event Code:	CA029WQ
Corrective Action Event Description:	LEAD AGENCY DETERMINATION
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	19910907
--	--
Corrective Action Event Code:	CA110
Corrective Action Event Description:	INVESTIGATION WORKPLAN RECEIVED
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	20120228
New Schedule Date of Event:	20120531
Actual Date of Event:	20120319
--	--
Corrective Action Event Code:	CA190
Corrective Action Event Description:	INVESTIGATION REPORT RECEIVED
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	20141231
New Schedule Date of Event:	20150301
Actual Date of Event:	20150324
--	--
Corrective Action Event Code:	CA150
Corrective Action Event Description:	INVESTIGATION WORKPLAN APPROVED
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	20120628
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
93	2 of 2	SSE	0.37 / 1,951.54	120.58	RAYTHEON COMPANY 2000 E. EL SEGUNDO BLVD. EL SEGUNDO CA 90245	RCRA TSD

County Code:	CA037
County Name:	LOS ANGELES
EPA Handler ID:	CAD000633230
Current Site Name:	RAYTHEON COMPANY
Generator Status Universe:	Large Quantity Generator
Land Type:	Private
Activity Location:	CA
TSD Activity:	Yes
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	Yes
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No
Mailing Address:	2000, E. EL SEGUNDO BLVD., EL SEGUNDO, CA, 90245, US

Contact Name:	JAYALAKSHMI M MOHAN
Contact Address:	2000, E. EL SEGUNDO BLVD., EO/E04/N131, EL SEGUNDO, CA, 90245, US
Contact Email:	MANJU.MOHAN@RAYTHEON.COM
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER STREET WALTHAM MA 02451
Owner/Operator Phone:	7817683991
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER ST WALTHAM MA 02451
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER STREET WALTHAM MA US 02451
Owner/Operator Phone:	7817683991
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER STREET WALTHAM MA US 02451
Owner/Operator Phone:	7187683991
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON CO
Owner/Operator Address:	141 SPRING ST LEXINGTON MA 02173
Owner/Operator Phone:	7818602590
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON CO
Owner/Operator Address:	870 WINTER ST WALTHAM MA US 024511449
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER STREET WALTHAM MA US 02451
Owner/Operator Phone:	7817683991
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER ST WALTHAM MA US 02451
Owner/Operator Phone:	

Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	HUGHES AIRCRAFT COMPANY EL SEGUNDO SOUTH
Owner/Operator Address:	2000 EAST EL SEGUNDO BLVD CITY NOT REPORTED CA 99999
Owner/Operator Phone:	2133910711
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	US
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER STREET WALTHAM MA US 02451
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	RAYTHEON CO
Owner/Operator Address:	US
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
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NAICS Information	
--	--
Naics Code:	334419
Naics Description:	OTHER ELECTRONIC COMPONENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
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Naics Code:	332813
Naics Description:	ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	33422
Naics Description:	RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	335999
Naics Description:	ALL OTHER MISCELLANEOUS ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
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Handler Information	

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Date Received:	20120726
Facility Name:	RAYTHEON COMPANY, SPACE AND AIRBORNE SYSTEMS
Classification:	Large Quantity Generator
--	--
Date Received:	19980204
Facility Name:	RAYTHEON SYSTEMS CO
Classification:	Large Quantity Generator
--	--
Date Received:	19940330
Facility Name:	HUGHES AIRCRAFT CO, ELECTRO OPTICAL SYS
Classification:	Large Quantity Generator
--	--
Date Received:	20001012
Facility Name:	RAYTHEON COMPANY, ELECTRONIC SYSTEMS
Classification:	Large Quantity Generator
--	--
Date Received:	20040220
Facility Name:	RAYTHEON CO SPACE AND AIRBORNE SYSTEMS
Classification:	Large Quantity Generator
--	--
Date Received:	20140301
Facility Name:	RAYTHEON COMPANY
Classification:	Large Quantity Generator
--	--
Date Received:	20080219
Facility Name:	RAYTHEON COMPANY, SAS
Classification:	Large Quantity Generator
--	--
Date Received:	20020221
Facility Name:	RAYTHEON COMPANY, ELECTRONIC SYSTEMS
Classification:	Large Quantity Generator
--	--
Date Received:	19960901
Facility Name:	RAYTHEON SYSTEMS CO
Classification:	Large Quantity Generator
--	--
Date Received:	19960326
Facility Name:	HUGHES AIRCRAFT CO EOS ESS
Classification:	Large Quantity Generator
--	--
Date Received:	19990316
Facility Name:	RAYTHEON SYSTEMS COMPANY, SENSORS AND EL
Classification:	Large Quantity Generator
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Date Received:	19800818
Facility Name:	RAYTHEON SYSTEMS CO
Classification:	Large Quantity Generator
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Date Received:	19920413
Facility Name:	HUGHES ELECTRO OPTICAL DATA SYSTEMS GROU
Classification:	Large Quantity Generator
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Date Received:	20060217
Facility Name:	RAYTHEON COMPANY, SAS
Classification:	Large Quantity Generator
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Date Received:	20100608
Facility Name:	RAYTHEON COMPANY, SPACE AND AIRBORNE SYSTEMS
Classification:	Large Quantity Generator
--	--
Date Received:	20160225
Facility Name:	RAYTHEON COMPANY
Classification:	Large Quantity Generator
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Hazardous Waste Information	
--	--
Waste Code:	121

Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	122
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	123
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	135
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	141
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	151
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	171
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	172
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	181
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	212
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	213
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	214
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	221
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	223
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes

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Waste Code:	241
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	291
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	331
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	343
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	352
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	461
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	512
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	513
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	541
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	551
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	711
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	731
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	741
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	791
Waste:	from br conversion

Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	792
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D001
Waste:	IGNITABLE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D002
Waste:	CORROSIVE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D003
Waste:	REACTIVE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D004
Waste:	ARSENIC
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D005
Waste:	BARIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D006
Waste:	CADMIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D007
Waste:	CHROMIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D008
Waste:	LEAD
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D009
Waste:	MERCURY
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D010
Waste:	SELENIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D011
Waste:	SILVER
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D015
Waste:	TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D018
Waste:	BENZENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D027
Waste:	1,4-DICHLOROBENZENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D035
Waste:	METHYL ETHYL KETONE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F001
Waste:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F002
Waste:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F003
Waste:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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 Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F005
Waste:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F006
Waste:	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	F007
Waste:	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	F008
Waste:	PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F027
Waste:	DISCARDED UNUSED FORMULATIONS CONTAINING TRI-, TETRA-, OR PENTACHLOROPHENOL OR DISCARDED UNUSED FORMULATIONS CONTAINING COMPOUNDS DERIVED FROM THESE CHLOROPHENOLS. (THIS LISTING DOES NOT INCLUDE FORMULATIONS CONTAINING HEXACHLOROPHENE SYNTHESIZED FROM PREPURIFIED 2,4,5-TRICHLOROPHENOL AS THE SOLE COMPONENT.)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	P015
Waste:	BERYLLIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	P030
Waste:	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	P065
Waste:	FULMINIC ACID, MERCURY(2+) SALT (R,T) (OR) MERCURY FULMINATE (R,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	P074
Waste:	NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	P098
Waste:	POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	P106
Waste:	SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	P120
Waste:	VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	P122
Waste:	ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U002
Waste:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U003
Waste:	ACETONITRILE (I,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U019
Waste:	BENZENE (I,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U031
Waste:	1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U035
Waste:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U056
Waste:	BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U057
Waste:	CYCLOHEXANONE (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U069
Waste:	1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U080
Waste:	METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U115
Waste:	ETHYLENE OXIDE (I,T) (OR) OXIRANE (I,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U122
Waste:	FORMALDEHYDE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U125
Waste:	2-FURANCARBOXALDEHYDE (I) (OR) FURFURAL (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U133
Waste:	HYDRAZINE (R,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U134
Waste:	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U140
Waste:	1-PROPANOL, 2-METHYL- (I,T) (OR) ISOBUTYL ALCOHOL (I,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U144
Waste:	ACETIC ACID, LEAD(2+) SALT (OR) LEAD ACETATE
Waste Code Active Status:	Yes

BR Waste Code Active Status:	Yes
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Waste Code:	U154
Waste:	METHANOL (I) (OR) METHYL ALCOHOL (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U159
Waste:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U161
Waste:	4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U162
Waste:	2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U163
Waste:	GUANIDINE, N-METHYL-N'-NITRO-N-NITROSO- (OR) MNNG
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U165
Waste:	NAPHTHALENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U166
Waste:	1,4-NAPHTHALENEDIONE (OR) 1,4-NAPHTHOQUINONE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U169
Waste:	BENZENE, NITRO- (OR) NITROBENZENE (I,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U188
Waste:	PHENOL
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U196
Waste:	PYRIDINE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U211
Waste:	CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U213
Waste:	FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U216
Waste:	THALLIUM CHLORIDE TLCL (OR) THALLIUM(I) CHLORIDE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U220

Waste:	BENZENE, METHYL- (OR) TOLUENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U223
Waste:	BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U226
Waste:	ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U238
Waste:	CARBAMIC ACID, ETHYL ESTER (OR) ETHYL CARBAMATE (URETHANE)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U239
Waste:	BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Violation/Evaluation Information	
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Evaluation Start Date:	19940106
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19940125
Actual Return to Compliance Date:	19940228
Violation Responsible Agency:	S
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19940816
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	19940816
Actual Return to Compliance Date:	19941014
Violation Responsible Agency:	S
Enforcement Action Date:	19940819
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	INITIAL 3008(A) COMPLIANCE
Proposed Penalty Amount:	2050
Paid Amount:	1450
Final Amount:	1450
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Evaluation Start Date:	20001218
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	

Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20071018
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20000427
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - Manifest/Records/Reporting
Violation Determined Date:	20000427
Actual Return to Compliance Date:	20020906
Violation Responsible Agency:	S
Enforcement Action Date:	20000615
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20120621
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20140121
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	

Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19910805
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19910805
Actual Return to Compliance Date:	19911118
Violation Responsible Agency:	S
Enforcement Action Date:	19910916
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19940816
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19940816
Actual Return to Compliance Date:	19941014
Violation Responsible Agency:	S
Enforcement Action Date:	19940819
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	INITIAL 3008(A) COMPLIANCE
Proposed Penalty Amount:	2050
Paid Amount:	1450
Final Amount:	1450
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Evaluation Start Date:	19961120
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20010628
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	

Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20060308
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20070928
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20000427
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General Facility Standards
Violation Determined Date:	20000427
Actual Return to Compliance Date:	20020906
Violation Responsible Agency:	S
Enforcement Action Date:	20020918
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	SINGLE SITE CA/FO
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19890906
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19890906
Actual Return to Compliance Date:	19911118

Violation Responsible Agency:	S
Enforcement Action Date:	19891020
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19911122
Evaluation Agency:	C
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	TSD - Financial Requirements
Violation Determined Date:	19911122
Actual Return to Compliance Date:	19940106
Violation Responsible Agency:	E
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19941110
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20100902
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20140210
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	

Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20150624
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19890906
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19890906
Actual Return to Compliance Date:	19911118
Violation Responsible Agency:	S
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19940816
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	19940816
Actual Return to Compliance Date:	19941014
Violation Responsible Agency:	S
Enforcement Action Date:	19940816
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20050607
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	

Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	20060222
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20000427
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	20000427
Actual Return to Compliance Date:	20020906
Violation Responsible Agency:	S
Enforcement Action Date:	20000615
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20000427
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General Facility Standards
Violation Determined Date:	20000427
Actual Return to Compliance Date:	20020906
Violation Responsible Agency:	S
Enforcement Action Date:	20000615
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20100217
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	

Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19910805
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19910805
Actual Return to Compliance Date:	19911118
Violation Responsible Agency:	S
Enforcement Action Date:	19910916
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	INITIAL 3008(A) COMPLIANCE
Proposed Penalty Amount:	1250
Paid Amount:	700
Final Amount:	700
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Evaluation Start Date:	20050629
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20061103
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20061120
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	

Violation Responsible Agency:
Enforcement Action Date:
Enforcement Agency:
Disposition Status Date:
Disposition Status:
Enforcement Type Description:
Proposed Penalty Amount:
Paid Amount:
Final Amount:

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Evaluation Start Date: 20100713
Evaluation Agency: S
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Violation Determined Date:
Actual Return to Compliance Date:
Violation Responsible Agency:
Enforcement Action Date:
Enforcement Agency:
Disposition Status Date:
Disposition Status:
Enforcement Type Description:
Proposed Penalty Amount:
Paid Amount:
Final Amount:

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Evaluation Start Date: 20120829
Evaluation Agency: S
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Violation Determined Date:
Actual Return to Compliance Date:
Violation Responsible Agency:
Enforcement Action Date:
Enforcement Agency:
Disposition Status Date:
Disposition Status:
Enforcement Type Description:
Proposed Penalty Amount:
Paid Amount:
Final Amount:

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Evaluation Start Date: 20150923
Evaluation Agency: S
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Violation Determined Date:
Actual Return to Compliance Date:
Violation Responsible Agency:
Enforcement Action Date:
Enforcement Agency:
Disposition Status Date:
Disposition Status:
Enforcement Type Description:
Proposed Penalty Amount:
Paid Amount:
Final Amount:

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Evaluation Start Date: 20020906
Evaluation Agency: S
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Violation Determined Date:
Actual Return to Compliance Date:

Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20060622
Evaluation Agency:	L
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	20060622
Actual Return to Compliance Date:	20060721
Violation Responsible Agency:	S
Enforcement Action Date:	20060622
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19890906
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19890906
Actual Return to Compliance Date:	19940106
Violation Responsible Agency:	S
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19890926
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20000427
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - Pre-transport
Violation Determined Date:	20000427
Actual Return to Compliance Date:	20020906

Violation Responsible Agency:	S
Enforcement Action Date:	20000615
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19990126
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20040525
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20100128
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20000427
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	20000427
Actual Return to Compliance Date:	20020906

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Violation Responsible Agency:	S
Enforcement Action Date:	20020918
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	SINGLE SITE CA/FO
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19890906
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19890906
Actual Return to Compliance Date:	19940106
Violation Responsible Agency:	S
Enforcement Action Date:	19891020
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19940816
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19940816
Actual Return to Compliance Date:	19941014
Violation Responsible Agency:	S
Enforcement Action Date:	19940816
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20000427
Evaluation Agency:	S
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
94	*1 of 3*	*NE*	*0.38 / 1,998.97*	*108.40*	***RAYTHEON CO*** ***2030 MAPLE AVE*** ***EL SEGUNDO CA 902450000***	***ENVIROSTOR***

Estor/EPA ID:	CAT080010853

Cleanup Status:
Site Code: 300315, TBD
Site Type: UNDERGOING CLOSURE
Potential Media Affected:
Past Uses Caused Contam:
APN:
National Priorities List:
Cleab up Oversight Agenci:
Special Program:
Funding:
Acres:
School District:
Assembly District: 62
Senate District: 26
Zip: 90245
Potential Contaminants:

Site History:

Inactive facility undergoing closure: Hughes Radar Communications Systems (HRCS) is located at 2060 East Imperial Highway, City of El Segundo, Los Angeles County, California. HRCS operated a hazardous waste management facility under the grant of interim status for storage of hazardous waste consisting of an aggregated volume of approximately 6,000 gallons under the tank capacity category (SO2) and a 10,000 gallons capacity under the container category (SO1). In December 1992, DTSC issued a certification for the closure of the container (SO1) storage area. The closure certification issued by DTSC did not affect the regulatory status of the tanks (SO2). The facility was asked to submit a revised closure plan to deal with all remaining unit. However, the facility has argued that units cited in the Part A were not really subject to closure.

The facility is a manufacturer of radar and communication systems which also involves manufacturing printed circuit board. Associated activities at the facility include: photo-developing, metal machining, lab works (inspecting and cleaning), assembly, testing, vehicles and maintenance operations. Wastes are generated at various facility buildings. These wastes include: alkaline sodium hydrochloride, magnesium grindings, used oil, paint sludge, 1,1,1-trichloroethane, nickel sulfate, formic acid solution, boric acid, methyl ethyl ketone, isopropyl alcohol, and potassium hydroxide. Negotiations between DTSC and the facility are being proposed.

Facility Information
-- --
Program Type: HAZ WASTE - RCRA
Status: UNDERGOING CLOSURE
Summary Link: http://www.envirostor.dtsc.ca.gov/public/hwmp_profile_report.asp?global_id=CAT080010853
-- --
Permit Units - Completed Act
-- --
Unit: MULTIPLE UNITS: CONTAIN1, Tankstr
Event Description: NEW OPERATING PERMIT - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Doc Link:
Date: 6/25/1992
Activity Type: Permitted Units - Completed Activities
-- --
Unit: MULTIPLE UNITS: CONTAIN1, Tankstr
Event Description: NEW OPERATING PERMIT - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Doc Link:
Date: 1/15/1992
Activity Type: Permitted Units - Completed Activities
-- --
Unit: MULTIPLE UNITS: CONTAIN1, Tankstr
Event Description: NEW OPERATING PERMIT - FINAL PERMIT (EXPIRES)
Doc Link:
Date: 6/28/1990
Activity Type: Permitted Units - Completed Activities
-- --
Unit: MULTIPLE UNITS: CONTAIN1, Tankstr
Event Description: NEW OPERATING PERMIT - FINAL PERMIT (EFFECTIVE)
Doc Link:
Date: 6/28/1985
Activity Type: Permitted Units - Completed Activities
-- --
Unit: MULTIPLE UNITS: CONTAIN1, Tankstr
Event Description: NEW OPERATING PERMIT - FINAL PERMIT
Doc Link:
Date: 6/28/1985

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1, Tankstr
Event Description:	NEW OPERATING PERMIT - PUBLIC COMMENT (BEGIN)
Doc Link:	
Date:	4/26/1985
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1, Tankstr
Event Description:	NEW OPERATING PERMIT - DRAFT PERMIT
Doc Link:	
Date:	4/26/1985
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1, Tankstr
Event Description:	NEW OPERATING PERMIT - APPLICATION PART B RECEIVED
Doc Link:	
Date:	5/17/1983
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1, Tankstr
Event Description:	NEW OPERATING PERMIT - CALL-IN LETTER ISSUED
Doc Link:	
Date:	2/2/1983
Activity Type:	Permitted Units - Completed Activities
--	--
Units Undergoing Closure	
--	--
Unit:	CONTAIN1
Event Description:	CLOSURE - ISSUE CLOSURE VERIFICATION
Doc Link:	
Date:	1/20/1995
Activity Type:	Units Undergoing Closure - Completed Activities
--	--
Unit:	CONTAIN1
Event Description:	CLOSURE - CLOSURE PLAN APPROVED
Doc Link:	
Date:	6/25/1992
Activity Type:	Units Undergoing Closure - Completed Activities
--	--
Unit:	CONTAIN1
Event Description:	CLOSURE - CLOSURE PLAN RECEIVED
Doc Link:	
Date:	1/15/1992
Activity Type:	Units Undergoing Closure - Completed Activities
--	--

94	2 of 3	NE	0.38 / 1,998.97	108.40	**RAYTHEON CO** **2030 MAPLE AVE** **EL SEGUNDO CA 902450000**	HWP

EPA ID:	CAT080010853	**Latitude:**	33.926953
Status:	UNDERGOING CLOSURE	**Longitude:**	-118.391242
Facility Type:	Historical - Non-Operating	**Assembly District:**	62
Facility Size:		**Senate District:**	26
Team:		**Public Info Officer:**	
Site Code:	300315, TBD	**Public Part Speci:**	
County:	LOS ANGELES	**Project Manager:**	

Alias	
--	--
Facility Type:	Historical - Non-Operating
Alias Type:	Project Code (Site Code)
Alias:	300315
--	--
Facility Type:	Historical - Non-Operating
Alias Type:	Project Code (Site Code)

Alias:	TBD
--	--
Completed Activities	
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1, Tankstr
Event Description:	New Operating Permit - DRAFT PERMIT
Completed Date:	04/26/1985
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1, Tankstr
Event Description:	New Operating Permit - PUBLIC COMMENT (BEGIN)
Completed Date:	04/26/1985
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1, Tankstr
Event Description:	New Operating Permit - FINAL PERMIT
Completed Date:	06/28/1985
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1, Tankstr
Event Description:	New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Completed Date:	06/25/1992
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1, Tankstr
Event Description:	New Operating Permit - CALL-IN LETTER ISSUED
Completed Date:	02/02/1983
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1, Tankstr
Event Description:	New Operating Permit - FINAL PERMIT (EFFECTIVE)
Completed Date:	06/28/1985
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1, Tankstr
Event Description:	New Operating Permit - FINAL PERMIT (EXPIRES)
Completed Date:	06/28/1990
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1, Tankstr
Event Description:	New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Completed Date:	01/15/1992
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1, Tankstr
Event Description:	New Operating Permit - APPLICATION PART B RECEIVED
Completed Date:	05/17/1983
--	--
Undergoing Closure	
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1
Event Description:	Closure - CLOSURE PLAN APPROVED
Completed Date:	06/25/1992
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1
Event Description:	Closure - ISSUE CLOSURE VERIFICATION
Completed Date:	01/20/1995
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1
Event Description:	Closure - CLOSURE PLAN RECEIVED
Completed Date:	01/15/1992
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
94	3 of 3	NE	0.38 / 1,998.97	108.40	RAYTHEON COMPANY 2030 MAPLE AVENUE EL SEGUNDO CA 90245	RCRA TSD

County Code:	CA037
County Name:	LOS ANGELES
EPA Handler ID:	CAT080010853
Current Site Name:	RAYTHEON COMPANY
Generator Status Universe:	Large Quantity Generator
Land Type:	Private
Activity Location:	CA
TSD Activity:	Yes
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No
Mailing Address:	2000, E. EL SEGUNDO BLVD., EL SEGUNDO, CA, 90245, US
Contact Name:	JAYALAKSHMI M MOHAN
Contact Address:	2000, E. EL SEGUNDO BLVD, EL SEGUNDO, CA, 90245, US
Contact Email:	MANJU.MOHAN@RAYTHEON.COM
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER ST WALTHAM MA 02451
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971217
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON CO
Owner/Operator Address:	141 SPRING ST LEXINGTON MA 02173
Owner/Operator Phone:	7818602590
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER STREET WALTHAM MA US 02451
Owner/Operator Phone:	7817683991
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	

--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER STREET WALTHAM MA 02451
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971217
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER ST WALTHAM MA US 02451
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971217
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971217
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON CO
Owner/Operator Address:	870 WINTER ST WALTHAM MA US 024511449
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER STREET WALTHAM MA US 02451
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER STREET WALTHAM MA 02451
Owner/Operator Phone:	7817683991
Owner/Operator Type:	P
Date Became Current:	19971217
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	870 WINTER STREET WALTHAM MA US 02451
Owner/Operator Phone:	7817683991
Owner/Operator Type:	P
Date Became Current:	19971217
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	HUGHES AIRCRAFT COMPANY
Owner/Operator Address:	2060 E IMPERIAL HWY CITY NOT REPORTED CA 99999
Owner/Operator Phone:	2136482345
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	RAYTHEON CO
Owner/Operator Address:	US

Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	RAYTHEON COMPANY
Owner/Operator Address:	US
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19971218
Date Ended Current:	
--	--
NAICS Information	
--	--
Naics Code:	334412
Naics Description:	BARE PRINTED CIRCUIT BOARD MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	33991
Naics Description:	JEWELRY AND SILVERWARE MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	332813
Naics Description:	ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	336419
Naics Description:	OTHER GUIDED MISSILE AND SPACE VEHICLE PARTS AND AUXILIARY EQUIPMENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	336414
Naics Description:	GUIDED MISSILE AND SPACE VEHICLE MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	334511
Naics Description:	SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEM AND INSTRUMENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	334419
Naics Description:	OTHER ELECTRONIC COMPONENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Handler Information	
--	--
Date Received:	20140301
Facility Name:	RAYTHEON COMPANY
Classification:	Large Quantity Generator
--	--
Date Received:	19990304
Facility Name:	RAYTHEON SYSTEMS COMPANY, SENSORS AND EL
Classification:	Large Quantity Generator
--	--
Date Received:	20040220
Facility Name:	RAYTHEON CO SPACE & AIRBORNE SYSTEMS
Classification:	Large Quantity Generator
--	--
Date Received:	19800818
Facility Name:	RAYTHEON SYSTEMS CO
Classification:	Large Quantity Generator

--	--
Date Received:	20080219
Facility Name:	RAYTHEON COMPANY, SAS
Classification:	Large Quantity Generator
--	--
Date Received:	20120301
Facility Name:	RAYTHEON COMPANY, SPACE AND AIRBORNE SYSTEMS
Classification:	Large Quantity Generator
--	--
Date Received:	19940407
Facility Name:	HUGHES AIRCRAFT COMPANY, RADAR SYSTEMS
Classification:	Large Quantity Generator
--	--
Date Received:	19960401
Facility Name:	HUGHES AIRCRAFT COMPANY, RCS, ESN
Classification:	Large Quantity Generator
--	--
Date Received:	20100603
Facility Name:	RAYTHEON COMPANY, SPACE AND AIRBORNE SYSTEMS
Classification:	Large Quantity Generator
--	--
Date Received:	19980204
Facility Name:	RAYTHEON SYSTEMS CO
Classification:	Large Quantity Generator
--	--
Date Received:	20001012
Facility Name:	RAYTHEON COMPANY, ELECTRONIC SYSTEMS
Classification:	Large Quantity Generator
--	--
Date Received:	19921030
Facility Name:	RAYTHEON SYSTEMS CO
Classification:	Large Quantity Generator
--	--
Date Received:	20160721
Facility Name:	RAYTHEON COMPANY
Classification:	Large Quantity Generator
--	--
Date Received:	19920228
Facility Name:	HUGHES AIRCRAFT COMPANY RADAR SYSTEMS GR
Classification:	Large Quantity Generator
--	--
Date Received:	20020221
Facility Name:	RAYTHEON COMPANY, ELECTRONIC SYSTEMS
Classification:	Large Quantity Generator
--	--
Date Received:	20060217
Facility Name:	RAYTHEON COMPANY, SAS
Classification:	Large Quantity Generator
--	--
Hazardous Waste Information	
--	--
Waste Code:	122
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	123
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	181
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	212
Waste:	from br conversion

Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	213
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	214
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	221
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	223
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	331
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	343
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	352
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	461
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	513
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	551
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	791
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	792
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D000
Waste:	DESCRIPTION
Waste Code Active Status:	No
BR Waste Code Active Status:	No
--	--

Waste Code:	D001
Waste:	IGNITABLE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D002
Waste:	CORROSIVE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D007
Waste:	CHROMIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D008
Waste:	LEAD
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D009
Waste:	MERCURY
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D011
Waste:	SILVER
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D018
Waste:	BENZENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D035
Waste:	METHYL ETHYL KETONE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D038
Waste:	PYRIDINE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D039
Waste:	TETRACHLOROETHYLENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D040
Waste:	TRICHLORETHYLENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F002
Waste:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F003
Waste:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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 Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: F005
Waste: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: U223
Waste: BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Violation/Evaluation Information
-- --
Evaluation Start Date: 19851212
Evaluation Agency: S
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Violation Determined Date:
Actual Return to Compliance Date:
Violation Responsible Agency:
Enforcement Action Date:
Enforcement Agency:
Disposition Status Date:
Disposition Status:
Enforcement Type Description:
Proposed Penalty Amount:
Paid Amount:
Final Amount:
-- --
Evaluation Start Date: 19840509
Evaluation Agency: S
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Violation Determined Date: 19840509
Actual Return to Compliance Date: 19850101
Violation Responsible Agency: S
Enforcement Action Date: 19840509
Enforcement Agency: S
Disposition Status Date:
Disposition Status:
Enforcement Type Description: WRITTEN INFORMAL
Proposed Penalty Amount:
Paid Amount:
Final Amount:
-- --
Evaluation Start Date: 19860630
Evaluation Agency: S
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Violation Determined Date:
Actual Return to Compliance

Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19880322
Evaluation Agency:	S
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Violation Short Description:	LDR - General
Violation Determined Date:	19880322
Actual Return to Compliance Date:	19880322
Violation Responsible Agency:	S
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19911022
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - Container Use and Management
Violation Determined Date:	19911209
Actual Return to Compliance Date:	19920109
Violation Responsible Agency:	S
Enforcement Action Date:	19911209
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	INITIAL 3008(A) COMPLIANCE
Proposed Penalty Amount:	1550
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19880322
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	20060628
Evaluation Agency:	L
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	20060628
Actual Return to Compliance	20060721

Date:	
Violation Responsible Agency:	S
Enforcement Action Date:	20060628
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19851227
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19911022
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Violation Determined Date:	19911209
Actual Return to Compliance Date:	19920109
Violation Responsible Agency:	S
Enforcement Action Date:	19911209
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	INITIAL 3008(A) COMPLIANCE
Proposed Penalty Amount:	1550
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19851212
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	19851212
Actual Return to Compliance Date:	19860101
Violation Responsible Agency:	S
Enforcement Action Date:	19851212
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19880513
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	TSD - Financial Requirements
Violation Determined Date:	19880513
Actual Return to Compliance	19880513

Date:	
Violation Responsible Agency:	S
Enforcement Action Date:	19880421
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19950829
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19941110
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19950503
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - Closure/Post-Closure
Violation Determined Date:	19950503
Actual Return to Compliance Date:	19960101
Violation Responsible Agency:	S
Enforcement Action Date:	19950503
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	20070122
Evaluation Agency:	E
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Date:
Violation Responsible Agency:
Enforcement Action Date:
Enforcement Agency:
Disposition Status Date:
Disposition Status:
Enforcement Type Description:
Proposed Penalty Amount:
Paid Amount:
Final Amount:
-- --

95	*1 of 2*	*N*	*0.39 / 2,036.38*	*129.59*	***NWRIP DOD #26*** ***EL SEGUNDO CA***	***ENVIROSTOR***

Estor/EPA ID: 80000638
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF 7/1/2005
Site Code:
Site Type: FUDS
Potential Media Affected: NONE SPECIFIED
Past Uses Caused Contam: NONE SPECIFIED
APN: NONE SPECIFIED
National Priorities List: NO
Cleab up Oversight Agenci: DTSC - SITE CLEANUP PROGRAM - LEAD
Special Program:
Funding: DERA
Acres: NONE SPECIFIED
School District:
Assembly District: 62
Senate District: 26
Zip:
Potential Contaminants:

Site History:

Facility Information
-- --
Program Type: MILITARY EVALUATION
Status: INACTIVE - NEEDS EVALUATION
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=80000638
-- --

95	*2 of 2*	*N*	*0.39 / 2,036.38*	*129.59*	***EL SEGUNDO STORAGE ANNEX*** ***EL SEGUNDO CA***	***ENVIROSTOR***

Estor/EPA ID: 80000076
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF 7/1/2005
Site Code:
Site Type: FUDS
Potential Media Affected: NONE SPECIFIED
Past Uses Caused Contam: NONE SPECIFIED
APN: NONE SPECIFIED
National Priorities List: NO
Cleab up Oversight Agenci: DTSC - SITE CLEANUP PROGRAM - LEAD
Special Program:
Funding: DERA
Acres: NONE SPECIFIED
School District:
Assembly District: 62
Senate District: 26
Zip:
Potential Contaminants:

Site History:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Facility Information
--
Program Type: MILITARY EVALUATION
Status: INACTIVE - NEEDS EVALUATION
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=80000076
--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
96	1 of 4	ENE	0.40 / 2,090.49	107.45	NORTHROP CORP AIRCRAFT DIV 2043 E MARIPOSA AVE EL SEGUNDO CA 90245	CERCLIS

Site ID: 0900299
Site EPA ID: CAD000627216
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information
Federal Facility: Not a Federal Facility
Site Cnty Name: LOS ANGELES

CERCLIS Assess History
--
Date Started:
Date Completed:
Site Description: No description available
.
--

CERCLIS Assess History
--
Action: DISCOVERY
Date Started:
Date Completed: 5/8/1990 00:00:00
Site Description:
--

CERCLIS Assess History
--
Action: PRELIMINARY ASSESSMENT
Date Started:
Date Completed: 6/6/1990 00:00:00
Site Description:
--

CERCLIS Assess History
--
Action: ARCHIVE SITE
Date Started:
Date Completed: 6/6/1990 00:00:00
Site Description:
--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
96	2 of 4	ENE	0.40 / 2,090.49	107.45	NORTHROP CORP AIRCRAFT DIV 2043 E MARIPOSA AVE EL SEGUNDO CA 90245	CERCLIS NFRAP

Site ID: 900299
Site EPA ID: CAD000627216
Site Fips Code: 6037
Federal Facility:
Site Parent ID:
Parent Site Name:
Site Cngrsnl District Code: 27
Region Code: 9
State Code: CA
Site Cnty Name: LOS ANGELES

CERCLIS-NFRAP Assess History

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

--	--
Action:	DISCOVERY
Priority Level:	
Date Started:	
Date Completed:	5/8/1990
--	--
CERCLIS-NFRAP Assess History	
--	--
Action:	PRELIMINARY ASSESSMENT
Priority Level:	NFRAP
Date Started:	
Date Completed:	6/6/1990
--	--
CERCLIS-NFRAP Assess History	
--	--
Action:	ARCHIVE SITE
Priority Level:	
Date Started:	
Date Completed:	6/6/1990
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
96	3 of 4	ENE	0.40 / 2,090.49	107.45	NORTHROP CORP AIRCRAFT DIV 2043 E MARIPOSA AVENUE EL SEGUNDO CA 90245	RCRA CORRACTS

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAD000627216
Current Site Name:	NORTHROP CORP AIRCRAFT DIV
Generator Status Universe:	
Land Type:	
Activity Location:	CA
TSD Activity:	Yes
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No
Mailing Address:	3901 W BROADWAY, HAWTHORNE, CA, 90250,
Contact Name:	
Contact Address:	
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	NORTHROP CORP AIRCRAFT DIVISION AU
Owner/Operator Address:	2043 EAST MARIPOSA AVENUE CITY NOT REPORTED CA 99999
Owner/Operator Phone:	2139704704
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	

--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	NORTHROP CORP AIRCRAFT DIVISION AU
Owner/Operator Address:	2043 EAST MARIPOSA AVENUE EL SEGUNDO CA 90245
Owner/Operator Phone:	2139704704
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
NAICS Information	
--	--
Naics Code:	336411
Naics Description:	AIRCRAFT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	336413
Naics Description:	OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Handler Information	
--	--
Date Received:	19900412
Facility Name:	NORTHROP CORPORATION AIRCRAFT DIV
Classification:	Large Quantity Generator
--	--
Date Received:	19930910
Facility Name:	NORTHROP CORP AIRCRAFT DIV
--	--
Date Received:	19800818
Facility Name:	NORTHROP CORP AIRCRAFT DIV
--	--
Date Received:	19920428
Facility Name:	NORTHROP CORP/AIRCRAFT DIV
Classification:	Large Quantity Generator
--	--
Violation/Evaluation Information	
--	--
Evaluation Start Date:	19870710
Evaluation Agency:	S
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19890518
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Transporters - General
Violation Determined Date:	19890518
Actual Return to Compliance Date:	19890817
Violation Responsible Agency:	S
Enforcement Action Date:	19890628
Enforcement Agency:	S
Disposition Status Date:	

Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19890523
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19890518
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	19890518
Actual Return to Compliance Date:	19890817
Violation Responsible Agency:	S
Enforcement Action Date:	19890628
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19870710
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Event	
--	--
Corrective Action Event Code:	CA049PA
Corrective Action Event Description:	PA OR CERCLA INSPECTION
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	19900606
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Corrective Action Event Code:	CA029ST
Corrective Action Event Description:	LEAD AGENCY DETERMINATION
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	19900101
--	--
Corrective Action Event Code:	CA075LO
Corrective Action Event Description:	CA PRIORITIZATION-LOW CA PRIORITY
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	19900606
--	--
Corrective Action Event Code:	CA074LO
Corrective Action Event Description:	NCAPS RANKING/PRIORITY
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	19900606
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
96	4 of 4	ENE	0.40 / 2,090.49	107.45	NORTHROP CORP AIRCRAFT DIV 2043 E MARIPOSA AVE EL SEGUNDO CA 90245	SEMS ARCHIVE

Site ID:	0900299	**FIPS Code:**	*06037*
EPA ID:	CAD000627216	**Cong District:**	*27*
NPL:	Not on the NPL	**County:**	*LOS ANGELES*
Federal Facility:	No	**Region:**	*09*
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
97	1 of 1	ENE	0.40 / 2,098.64	107.02	NORTHROP CORP/AIRCRAFT DIV 2043 E MARIPOSA AVE EL SEGUNDO CA 902450000	ENVIROSTOR

Estor/EPA ID:	80001309
Cleanup Status:	NO ACTION REQUIRED AS OF 3/14/2014
Site Code:	
Site Type:	CORRECTIVE ACTION
Potential Media Affected:	NONE SPECIFIED
Past Uses Caused Contam:	NONE SPECIFIED
APN:	4138019002, 4138028004
National Priorities List:	NO
Cleab up Oversight Agenci:	DTSC - SITE CLEANUP PROGRAM
Special Program:	
Funding:	
Acres:	0 ACRES
School District:	
Assembly District:	62
Senate District:	26
Zip:	90245
Potential Contaminants:	
Site History:	
Facility Information	
--	--
Program Type:	CORRECTIVE ACTION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Status:	NO ACTION REQUIRED
Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=80001309
--	--
Completed Activities	
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001309&doc_id=6029260
Area Name:	
Sub Area:	
Document Type:	FAST Review Checklist
Date Completed:	1/19/2010
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	
Area Name:	
Sub Area:	
Document Type:	Preliminary Assessment Report
Date Completed:	6/6/1990
Comments:	
Activity Type:	Completed Activities
--	--

98	1 of 1	SW	0.40 / 2,132.16	109.11	**RADIANT SERVICES** **200 NEVADA STREET** **EL SEGUNDO CA 90245**	VCP

ESTOR EPA ID:	19130119	**Funding:**	*SITE PROPONENT*
Program Type:	VOLUNTARY CLEANUP	**City:**	*EL SEGUNDO*
Status:	INACTIVE - ACTION REQUIRED	**ZIP:**	*90245*
Site Type:	VOLUNTARY CLEANUP	**County:**	*LOS ANGELES*
Envirostor ID:	19130119	**Assembly District:**	*62*
Site Code:	301245	**Senate District:**	*26*
Special Program:	VOLUNTARY CLEANUP PROGRAM	**Longitude:**	*-118.403410184331*
Acres:	0.4 ACRES	**Latitude:**	*33.9182638452169*
National Priorities List:	NO	**GeoTracker City:**	*EL SEGUNDO*

APN:	4139-005-043, 4139005043
Cleanup Status:	INACTIVE - ACTION REQUIRED AS OF 4/17/2006
Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=19130119
Cleanup Oversight Agen:	DTSC - SITE CLEANUP PROGRAM - LEAD
Potential Media Affected:	INDOOR AIR, SOIL, SOIL VAPOR
Past Use Caused Contam:	DRY CLEANING
Potential Contam of Cncrn:	TETRACHLOROETHYLENE (PCE); TRICHLOROETHYLENE (TCE)
Site Facility Name:	RADIANT SERVICES
School District:	
Address Description:	200 NEVADA STREET
GeoTracker Address:	200 NEVADA STREET

SITE HISTORY:

The Site had been historically used as part of an oil field and recently, from 1989 to 1998, as a commercial dry cleaning facility. Contaminants include tetrachloroethylene (PCE), trichloroethylene, 1,1,2-trichloroethane, petroleum hydrocarbons. Phase I and Phase II Site Assessments were conducted for the Site. Additional activities included removal of a 2000-gallon three-stage clarifier, located at the northwest corner of the Site, and excavation and removal of approximately 137 tons contaminated soil with PCE, located east of the clarifier. DTSC, after reviewing previous work at the Site, required soil gas sampling. Soil gas sampling was conducted in limited areas. In April 2006, owners of Radiant Services terminated the VCA. DTSC accepted the termination but noted that due to the soil gas contamination found at the site, further action is necessary.

Completed Activities	
--	--
Document Link:	
Area Name:	
Sub Area:	
Document Type:	Site Characterization Workplan
Date Completed:	1/20/2005
Comments:	DTSC approved WP for soil gas sampling to delineate VOC contamination.
--	--
Document Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=19130119&enforcement_id=5016511

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Area Name:
Sub Area:
Document Type: Voluntary Cleanup Agreement
Date Completed: 10/8/2004
Comments: The VCA was signed for determining if previous removal activities were adequate.
-- --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
99	1 of 3	S	0.45 / 2,356.04	106.87	ALLIED SALES & SALVAGE 160 S SEPULVEDA BLVD EL SEGUNDO CA 90245	CERCLIS

Site ID: 0901503
Site EPA ID: CAD063821789
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information
Federal Facility: Not a Federal Facility
Site Cnty Name: LOS ANGELES

CERCLIS Assess History
-- --
Date Started:
Date Completed:
Site Description: No description available
.
-- --

CERCLIS Assess History
-- --
Action: DISCOVERY
Date Started:
Date Completed: 5/1/1986 00:00:00
Site Description:
-- --

CERCLIS Assess History
-- --
Action: PRELIMINARY ASSESSMENT
Date Started: 5/1/1986 00:00:00
Date Completed: 1/1/1987 00:00:00
Site Description:
-- --

CERCLIS Assess History
-- --
Action: SITE INSPECTION
Date Started:
Date Completed: 6/1/1988 00:00:00
Site Description:
-- --

CERCLIS Assess History
-- --
Action: ARCHIVE SITE
Date Started:
Date Completed: 6/1/1988 00:00:00
Site Description:
-- --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
99	2 of 3	S	0.45 / 2,356.04	106.87	ALLIED SALES & SALVAGE 160 S SEPULVEDA BLVD EL SEGUNDO CA 90245	CERCLIS NFRAP

Site ID: 901503
Site EPA ID: CAD063821789
Site Fips Code: 6037
Federal Facility:
Site Parent ID:
Parent Site Name:
Site Cngrsnl District Code: 27
Region Code: 9

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

State Code:	CA
Site Cnty Name:	LOS ANGELES
CERCLIS-NFRAP Assess History	
--	--
Action:	DISCOVERY
Priority Level:	
Date Started:	
Date Completed:	5/1/1986
--	--
CERCLIS-NFRAP Assess History	
--	--
Action:	PRELIMINARY ASSESSMENT
Priority Level:	Low priority
Date Started:	5/1/1986
Date Completed:	1/1/1987
--	--
CERCLIS-NFRAP Assess History	
--	--
Action:	SITE INSPECTION
Priority Level:	NFRAP
Date Started:	
Date Completed:	6/1/1988
--	--
CERCLIS-NFRAP Assess History	
--	--
Action:	ARCHIVE SITE
Priority Level:	
Date Started:	
Date Completed:	6/1/1988
--	--

99	3 of 3	S	0.45 / 2,356.04	106.87	**ALLIED SALES & SALVAGE** **160 S SEPULVEDA BLVD** **EL SEGUNDO CA 90245**	**SEMS ARCHIVE**

Site ID:	0901503	**FIPS Code:**	*06037*
EPA ID:	CAD063821789	**Cong District:**	*27*
NPL:	Not on the NPL	**County:**	*LOS ANGELES*
Federal Facility:	No	**Region:**	*09*
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information		

100	1 of 1	S	0.45 / 2,365.41	110.27	**ALLIED SALES & SALVAGE** **160 SOUTH SEPULVEDA BOULEVARD** **EL SEGUNDO CA 90245**	**ENVIROSTOR**

Estor/EPA ID:	19500011
Cleanup Status:	REFER: OTHER AGENCY AS OF 8/31/1995
Site Code:	
Site Type:	* HISTORICAL
Potential Media Affected:	NONE SPECIFIED
Past Uses Caused Contam:	NONE SPECIFIED
APN:	4138014016
National Priorities List:	NO
Cleab up Oversight Agenci:	NONE SPECIFIED
Special Program:	* SITE CHAR & ASSESS GRANT (CERCLA 104)
Funding:	
Acres:	NONE SPECIFIED
School District:	
Assembly District:	62

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Senate District: 26
Zip: 90245
Potential Contaminants:

CONTAMINATED SOIL
WASTE OIL & MIXED OIL

Site History:

Facility Information
-- --
Program Type: HISTORICAL
Status: REFER: OTHER AGENCY
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=19500011
-- --
Completed Activities
-- --
Doc Link:
Area Name:
Sub Area:
Document Type: Site Screening
Date Completed: 11/7/1994
Comments: DATABASE VALIDATION PROJECT CONFIRMS NFA FOR DTSC.
Activity Type: Completed Activities
-- --
Doc Link:
Area Name:
Sub Area:
Document Type: Site Screening
Date Completed: 11/16/1988
Comments: Site Screening Done: DHS will concur with EPA recommendation of NFA due to the minimal quantity of oil disposed of and the fact that the stained areas have been cleaned up. Site will be referred to Los Angeles County Health Dept. Site removed from Cortese.
Activity Type: Completed Activities
-- --
Doc Link:
Area Name:
Sub Area:
Document Type: Site Screening
Date Completed: 12/2/1987
Comments: Site Screening Done: Evidence of a small amount of onsite disposal found.
Activity Type: Completed Activities
-- --
Doc Link:
Area Name:
Sub Area:
Document Type: * Discovery
Date Completed: 5/13/1981
Comments: Facility identified via Abandoned Chemical Waste Disposal Survey. Questionnaire received. Years of Operation: 1957 to present.
Activity Type: Completed Activities
-- --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
101	1 of 1	WSW	0.46 / 2,409.57	108.44	BUSS SYST INC 240 CENTER ST EL SEGUNDO CA 90245	RCRA TSD

County Code: CA037
County Name: LOS ANGELES
EPA Handler ID: CAD067730432
Current Site Name: BUSS SYST INC
Generator Status Universe: Small Quantity Generator
Land Type:
Activity Location: CA
TSD Activity: No
Mixed Waste Generator: No
Importer Activity: No

Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	240 CENTER STREET, EL SEGUNDO, CA, 90245,
Contact Name:	
Contact Address:	
Contact Email:	
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	BUSS SYSTEMS INC.
Owner/Operator Address:	240 CENTER STREET CITY NOT REPORTED CA 99999
Owner/Operator Phone:	2133228534
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	BUSS SYSTEMS INC.
Owner/Operator Address:	240 CENTER STREET EL SEGUNDO CA 90245
Owner/Operator Phone:	2133228534
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
NAICS Information	
--	--
Naics Code:	334412
Naics Description:	BARE PRINTED CIRCUIT BOARD MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	334417
Naics Description:	ELECTRONIC CONNECTOR MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	334419
Naics Description:	OTHER ELECTRONIC COMPONENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	332322
Naics Description:	SHEET METAL WORK MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Handler Information	
--	--
Date Received:	19960901
Facility Name:	BUSS SYST INC
Classification:	Large Quantity Generator
--	--
Date Received:	19960901

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Facility Name:	BUSS SYST INC
Classification:	Small Quantity Generator
--	--
Date Received:	19920229
Facility Name:	BUSS SYSTEMS INC
Classification:	Small Quantity Generator
--	--
Date Received:	19800815
Facility Name:	BUSS SYST INC
Classification:	Large Quantity Generator
--	--
Violation/Evaluation Information	
--	--
Evaluation Start Date:	19940418
Evaluation Agency:	B
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	19940418
Actual Return to Compliance Date:	19990418
Violation Responsible Agency:	S
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
102	1 of 1	SW	0.47 / 2,458.80	135.19	A & A Waste & Rolloff Services, INC. 139 Nevada Street, El Segundo, CA 90245 El Segundo CA	LA SWF

Site ID:	804
Site Type:	Waste Hauler
Status:	Closed
Site SWIS Number:	S0601
Present Use:	
Waste Accepted:	
Permitted Capacity:	
Remaining Capacity Million:	
Max Depth of Fill Ft:	
Local Enforcement Agency:	
Disposal Area Acre:	
Hours of Operation:	
Beginning Operation Date:	
Ending Operation Date:	
Alt Site Name:	
Alt Address:	
Site Contact:	
Site Contact Phone:	(310) 414-1122
Site Email:	smetcalfe@tgconst.com
Site Mailing Address:	
Site Website:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
103	1 of 1	NE	0.48 / 2,521.03	107.45	HUGHES AIRCRAFT 2000 IMPERIAL HWY E EL SEGUNDO CA 90245	LUST

Global ID:	T0603703959	**CUF Case:**	NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Case Type:	LUST Cleanup Site	**Begin Date:**	*1987-11-25 00:00:00*
Status:	Completed - Case Closed	**How Discovered:**	*Subsurface Monitoring*
Status Date:	1999-05-12 00:00:00	**Stop Method:**	
RB Case No:	I-12326	**County:**	*Los Angeles*
LOC Case No:		**Latitude:**	*33.927739*
Lead Agency:	LOS ANGELES RWQCB (REGION 4)	**Longitude:**	*-118.389796*
Case Worker:	YR	**File Location:**	
Local Agency:	EL SEGUNDO, CITY OF		

Potential Cntm of Concrn: Diesel
Potential Media Affected: Aquifer used for drinking water supply
How Discovered Description:
Stop Description:
Site History:

Status History

--	--
Status:	Open - Site Assessment
Status Date:	1987-11-25 00:00:00
--	--
Status:	Open - Case Begin Date
Status Date:	1987-11-25 00:00:00
--	--
Status:	Open - Site Assessment
Status Date:	1989-07-19 00:00:00
--	--
Status:	Completed - Case Closed
Status Date:	1999-05-12 00:00:00
--	--

Activities

--	--
Action Type:	Other
Date:	1988-03-09 00:00:00
Action:	Leak Reported
--	--
Action Type:	Other
Date:	1989-03-20 00:00:00
Action:	Leak Stopped
--	--
Action Type:	Other
Date:	1989-03-20 00:00:00
Action:	Leak Discovery
--	--

Contact Information

--	--
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:	
--	--
Contact Type:	Local Agency Caseworker
Contact Name:	STEVE TSUMURA
Organization Name:	EL SEGUNDO, CITY OF
Address:	314 MAIN STREET
City:	EL SEGUNDO
Email:	stsumura@elsegundo.org
Phone Number:	
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
104	*1 of 2*	*WSW*	*0.48 / 2,558.57*	*97.75*	***SCE - EL SEGUNDO GENERATING STATION*** ***301 VISTA DELMAR*** ***EL SEGUNDO CA***	***CLEANUP SITES***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Global ID: SL204381556
Case Type: Cleanup Program Site
Status: Open - Site Assessment
Status Date: 1997-09-22 00:00:00
RB Case No:
LOC Case No: CAD000630962
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Case Worker:
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
CUF Case: NO
Begin Date: 1995-07-01 00:00:00
How Discovered:
Stop Method:
County: Los Angeles
Latitude: 33.9180419119889
Longitude: -118.404843000693
File Location: DTSC
Potential Cntm of Concrn:
Potential Media Affected:
How Discovered Description:
Stop Description:
Site History:

Case transferred to DTSC on 5/30/06/

Status History

--	--
Status:	Open - Case Begin Date
Status Date:	1995-07-01 00:00:00
--	--
Status:	Open - Site Assessment
Status Date:	1997-09-22 00:00:00
--	--

Activities

--	--
Action Type:	Other
Date:	1965-01-02 00:00:00
Action:	Leak Reported
--	--
Action Type:	RESPONSE
Date:	2003-01-24 00:00:00
Action:	Other Report / Document
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
104	2 of 2	WSW	0.48 / 2,558.57	97.75	HYPERION TREATMENT PLANT 12000 VISTA DEL MAR EL SEGUNDO CA 90245	CLEANUP SITES

Global ID: SLT4306563
Case Type: Cleanup Program Site
Status: Completed - Case Closed
Status Date: 1965-06-16 00:00:00
RB Case No: 0111
LOC Case No:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker:
Local Agency:
CUF Case: NO
Begin Date:
How Discovered:
Stop Method:
County: San Diego
Latitude: 33.9180419119889
Longitude: -118.404843000693
File Location:
Potential Cntm of Concrn:
Potential Media Affected:
How Discovered Description:
Stop Description:
Site History:

Status History

--	--
Status:	Open - Case Begin Date
Status Date:	1965-06-15 00:00:00
--	--
Status:	Completed - Case Closed
Status Date:	1965-06-16 00:00:00
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
105	1 of 3	NNE	0.49 / 2,571.02	108.43	THE BOEING COMPANY 1920 E IMPERIAL HWY EL SEGUNDO CA 902452701	ENVIROSTOR

Estor/EPA ID: CAD060897063
Cleanup Status:
Site Code: 300215
Site Type: CLOSED
Potential Media Affected:
Past Uses Caused Contam:
APN:
National Priorities List:
Cleab up Oversight Agenci:
Special Program:
Funding:
Acres:
School District:
Assembly District: 62
Senate District: 26
Zip: 902452701
Potential Contaminants:

Site History:

QUARTERLY UPDATE

Quarterly Update Period: Sept 2015 to Dec 2015

Active Permit: In April 2007 DTSC issued a ten-year permit renewal to authorize continued hazardous waste storage operations to the Boeing Satellite Systems, Inc. facility in El Segundo, CA. DTSC has reviewed submitted closure investigation reports by the Boeing Company, and based on the information and subsequent discussions, DTSC sent out closure approval letter on June 29, 2015 in accordance with the California Code of Regulations, Title 22, Section 66265.113. The closing activities were performed by site cleanup program.

FACILITY DESCRIPTION/HISTORY

Boeing Satellite Systems (BSS) facility operates four hazardous waste storage units at five contiguous address locations in El Segundo, CA (1950 E. Imperial Highway, 1920 E. Imperial Highway, 940 N. Shelby Street, 930 N. Shelby Street). BSS designs and manufactures communication satellites, electronic and propulsion units and various components that are used in satellites. The facility may store up to approximately 475 55-gallon drums of RCRA and non-RCRA organic and inorganic wastes, acidic and alkaline solutions containing heavy metals, halogenated and non-halogenated solvents, paint sludge and thinners, rags and Q-tips containing halogenated and non-halogenated solvents, miscellaneous laboratory waste chemicals and waste oils from machine cutting operations and equipment maintenance. No treatment or disposal activities are conducted at this facility.

The facility has five existing buildings: four covered storage areas for hazardous waste (The 930 N. Shelby Street Storage Area is considered to be two hazardous waste storage unit in one location), and a main office. Each bay has concrete berms and is sloped. Both storage areas of the facility are fully covered by a roof.

PERMITTING DESCRIPTION:

The facility was issued a 10-year Hazardous Waste Facility Permit on February 6, 1993. The permit had been modified two times; on December 19, 2000 and on May 12, 2004. Both modifications were Class 1 permit modifications which were minor changes that keep the permit current with routine changes to the facility operation. An application for a permit renewal was submitted on May 15, 2006. Based upon that application DTSC issued a renewal of a Hazardous Waste Facility Permit for the four hazardous waste storage units on March 6, 2007. The Hazardous Waste Facility Permit renewal went into effect on April 10, 2007.The ten-year permit renewal will expire on April 10th, 2017.

On November 16, 2006 the facility entered into a corrective action consent agreement with DTSC is under corrective action for solid waste management units in several buildings on the Boeing campus that have been identified as having either released or may release hazardous waste or waste constituents into the environment. For more information regarding DTSC cleanup activities can be found here: https://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=80001440.

Facility Information
-- --
Program Type: INSPECTION
Status: NO ACTION
Summary Link: http://www.envirostor.dtsc.ca.gov/public/eerp_profile_report.asp?global_id=3000044
-- --
Program Type: HAZ WASTE - RCRA
Status: CLOSED

Summary Link: http://www.envirostor.dtsc.ca.gov/public/hwmp_profile_report.asp?global_id=CAD060897063
-- --
Permit Units - Completed Act
-- --
Unit: MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: RENEWAL - WITH CHANGES - FINAL PERMIT RENEWAL (EXPIRES)
Doc Link:
Date: 4/10/2017
Activity Type: Permitted Units - Completed Activities
-- --
Unit: MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: RENEWAL - WITH CHANGES - PERMIT TERMINATED - TERMINATION APPROVED
Doc Link:
Date: 6/29/2015
Activity Type: Permitted Units - Completed Activities
-- --
Unit: MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: RENEWAL - WITH CHANGES - FINAL PERMIT RENEWAL (EFFECTIVE)
Doc Link:
Date: 4/10/2007
Activity Type: Permitted Units - Completed Activities
-- --
Unit: MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: RENEWAL - WITH CHANGES - FINAL PERMIT RENEWAL
Doc Link: http://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents.asp?global_id=CAD060897063&link_key=685&document_category=FINAL+PERMIT&event_description=Renewal+%2D+With+Changes+%2D+FINAL+PERMIT+RENEWAL+&mytype=pa
Date: 3/6/2007
Activity Type: Permitted Units - Completed Activities
-- --
Unit: MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: RENEWAL - WITH CHANGES - PUBLIC COMMENT (END)
Doc Link:
Date: 11/30/2006
Activity Type: Permitted Units - Completed Activities
-- --
Unit: MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: RENEWAL - WITH CHANGES - DRAFT PERMIT RENEWAL
Doc Link:
Date: 10/16/2006
Activity Type: Permitted Units - Completed Activities
-- --
Unit: MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: RENEWAL - WITH CHANGES - PUBLIC COMMENT (BEGIN)
Doc Link: http://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/8981671988/Boeing%5FSat%5FSys%5FDraft%5FPermit%2Epdf
Date: 10/16/2006
Activity Type: Permitted Units - Completed Activities
-- --
Unit: MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: RENEWAL - WITH CHANGES - FINAL PART A & PART B RECEIVED
Doc Link:
Date: 10/13/2006
Activity Type: Permitted Units - Completed Activities
-- --
Unit: MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description: NEW OPERATING PERMIT - FINAL PERMIT (EXPIRES)
Doc Link:
Date: 2/6/2003
Activity Type: Permitted Units - Completed Activities

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

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Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	RENEWAL - WITH CHANGES - APPLICATION PART B RECEIVED
Doc Link:	
Date:	2/1/2003
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	RENEWAL - WITH CHANGES - APPLICATION PART A RECEIVED
Doc Link:	
Date:	2/1/2003
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	RENEWAL - WITH CHANGES - CALL-IN LETTER ISSUED
Doc Link:	
Date:	6/2/2002
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	NEW OPERATING PERMIT - FINAL PERMIT (EFFECTIVE)
Doc Link:	
Date:	2/6/1993
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	NEW OPERATING PERMIT - PUBLIC COMMENT (END)
Doc Link:	
Date:	1/14/1993
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	NEW OPERATING PERMIT - FINAL PERMIT
Doc Link:	
Date:	1/6/1993
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	NEW OPERATING PERMIT - PUBLIC COMMENT (PUBLIC HEARING)
Doc Link:	
Date:	12/2/1992
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	NEW OPERATING PERMIT - DRAFT PERMIT
Doc Link:	
Date:	11/30/1992
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	NEW OPERATING PERMIT - PUBLIC COMMENT (BEGIN)
Doc Link:	
Date:	11/30/1992
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	NEW OPERATING PERMIT - FINAL PART A & PART B RECEIVED
Doc Link:	

Date:	1/28/1992
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	NEW OPERATING PERMIT - RESPONSE TO 3RD NOD RECEIVED
Doc Link:	
Date:	11/5/1991
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	NEW OPERATING PERMIT - RESPONSE TO 2ND NOD RECEIVED
Doc Link:	
Date:	12/10/1990
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	NEW OPERATING PERMIT - 2ND NOTICE OF DEFICIENCY ISSUED
Doc Link:	
Date:	12/3/1990
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	NEW OPERATING PERMIT - RESPONSE TO 1ST NOD RECEIVED
Doc Link:	
Date:	8/1/1990
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	NEW OPERATING PERMIT - APPLICATION PART B RECEIVED
Doc Link:	
Date:	4/13/1983
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	NEW OPERATING PERMIT - CALL-IN LETTER ISSUED
Doc Link:	
Date:	2/2/1983
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	NEW OPERATING PERMIT - APPLICATION PART A RECEIVED
Doc Link:	
Date:	11/18/1980
Activity Type:	Permitted Units - Completed Activities
--	--
Units Undergoing Closure	
--	--
Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit), CONTAIN6-S30/S31 (GPRA Unit), CONTAIN7-S34, TANKSTR1-S13
Event Description:	CLOSURE FINAL - ISSUE CLOSURE VERIFICATION
Doc Link:	
Date:	6/29/2015
Activity Type:	Units Undergoing Closure - Completed Activities
--	--
Unit:	MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit), CONTAIN6-S30/S31 (GPRA Unit), CONTAIN7-S34, TANKSTR1-S13
Event Description:	CLOSURE FINAL - CLOSURE PLAN RECEIVED
Doc Link:	
Date:	5/25/2015

Activity Type: Units Undergoing Closure - Completed Activities
-- --
Unit: MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit), CONTAIN6-S30/S31 (GPRA Unit), CONTAIN7-S34, TANKSTR1-S13
Event Description: CLOSURE FINAL - RECEIVE CLOSURE CERTIFICATION
Doc Link:
Date: 5/25/2015
Activity Type: Units Undergoing Closure - Completed Activities
-- --
Unit: MULTIPLE UNITS: CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit), CONTAIN6-S30/S31 (GPRA Unit), CONTAIN7-S34, TANKSTR1-S13
Event Description: CLOSURE FINAL - CLOSURE PLAN APPROVED
Doc Link:
Date: 5/25/2015
Activity Type: Units Undergoing Closure - Completed Activities
-- --
Unit: CONTAIN7-S34
Event Description: CLOSURE ADMINISTRATIVE - ISSUE CLOSURE VERIFICATION
Doc Link:
Date: 1/15/2014
Activity Type: Units Undergoing Closure - Completed Activities
-- --
Unit: TANKSTR1-S13
Event Description: CLOSURE - ISSUE CLOSURE VERIFICATION
Doc Link:
Date: 1/24/1996
Activity Type: Units Undergoing Closure - Completed Activities
-- --
Unit: TANKSTR1-S13
Event Description: CLOSURE - CLOSURE PLAN APPROVED
Doc Link:
Date: 12/7/1994
Activity Type: Units Undergoing Closure - Completed Activities
-- --
Unit: TANKSTR1-S13
Event Description: CLOSURE - CLOSURE NOTICE RECEIVED
Doc Link:
Date: 5/3/1994
Activity Type: Units Undergoing Closure - Completed Activities
-- --
Unit: TANKSTR1-S13
Event Description: CLOSURE - RESPONSE TO 1ST NOD RECEIVED
Doc Link:
Date: 4/27/1994
Activity Type: Units Undergoing Closure - Completed Activities
-- --
Unit: TANKSTR1-S13
Event Description: CLOSURE - 1ST NOTICE OF DEFICIENCY ISSUED
Doc Link:
Date: 3/3/1994
Activity Type: Units Undergoing Closure - Completed Activities
-- --
Unit: TANKSTR1-S13
Event Description: CLOSURE - CLOSURE PLAN RECEIVED
Doc Link:
Date: 11/1/1993
Activity Type: Units Undergoing Closure - Completed Activities
-- --
Unit: CONTAIN6-S30/S31 (GPRA UNIT)
Event Description: CLOSURE - ISSUE CLOSURE VERIFICATION
Doc Link:
Date: 6/30/1993
Activity Type: Units Undergoing Closure - Completed Activities
-- --
Unit: CONTAIN6-S30/S31 (GPRA UNIT)
Event Description: CLOSURE - RECEIVE CLOSURE CERTIFICATION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Doc Link:	
Date:	6/21/1993
Activity Type:	Units Undergoing Closure - Completed Activities
--	--
Unit:	CONTAIN6-S30/S31 (GPRA UNIT)
Event Description:	CLOSURE - CLOSURE PLAN APPROVED
Doc Link:	
Date:	6/1/1993
Activity Type:	Units Undergoing Closure - Completed Activities
--	--
Unit:	CONTAIN6-S30/S31 (GPRA UNIT)
Event Description:	CLOSURE - PUBLIC COMMENT (PUBLIC HEARING)
Doc Link:	
Date:	5/19/1993
Activity Type:	Units Undergoing Closure - Completed Activities
--	--
Unit:	CONTAIN6-S30/S31 (GPRA UNIT)
Event Description:	CLOSURE - PUBLIC COMMENT (END)
Doc Link:	
Date:	5/15/1993
Activity Type:	Units Undergoing Closure - Completed Activities
--	--
Unit:	CONTAIN6-S30/S31 (GPRA UNIT)
Event Description:	CLOSURE - PUBLIC COMMENT (BEGIN)
Doc Link:	
Date:	4/15/1993
Activity Type:	Units Undergoing Closure - Completed Activities
--	--
Unit:	CONTAIN6-S30/S31 (GPRA UNIT)
Event Description:	CLOSURE - RESPONSE TO 1ST NOD RECEIVED
Doc Link:	
Date:	4/8/1993
Activity Type:	Units Undergoing Closure - Completed Activities
--	--
Unit:	CONTAIN6-S30/S31 (GPRA UNIT)
Event Description:	CLOSURE - 1ST NOTICE OF DEFICIENCY ISSUED
Doc Link:	
Date:	4/6/1993
Activity Type:	Units Undergoing Closure - Completed Activities
--	--
Unit:	CONTAIN6-S30/S31 (GPRA UNIT)
Event Description:	CLOSURE - CLOSURE PLAN RECEIVED
Doc Link:	
Date:	9/15/1992
Activity Type:	Units Undergoing Closure - Completed Activities
--	--
Unit:	CONTAIN6-S30/S31 (GPRA UNIT)
Event Description:	CLOSURE - CLOSURE NOTICE RECEIVED
Doc Link:	
Date:	9/15/1992
Activity Type:	Units Undergoing Closure - Completed Activities
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
105	2 of 3	NNE	0.49 / 2,571.02	108.43	THE BOEING COMPANY 1920 E IMPERIAL HWY EL SEGUNDO CA 902452701	HWP

EPA ID:	CAD060897063	**Latitude:**	33.93048
Status:	CLOSED	**Longitude:**	-118.394663
Facility Type:	Historical - Non-Operating	**Assembly District:**	62
Facility Size:	Small Storage	**Senate District:**	26
Team:	EDWARD NIETO	**Public Info Officer:**	
Site Code:	300215	**Public Part Speci:**	
County:	LOS ANGELES	**Project Manager:**	

Alias

--	--

Facility Type:	Historical - Non-Operating
Alias Type:	Project Code (Site Code)
Alias:	300215
--	--
Facility Type:	Historical - Non-Operating
Alias Type:	FRS
Alias:	110000609672
--	--
Completed Activities	
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	Renewal - With Changes - PUBLIC COMMENT (BEGIN)
Completed Date:	10/16/2006
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	New Operating Permit - PUBLIC COMMENT (PUBLIC HEARING)
Completed Date:	12/02/1992
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	Renewal - With Changes - PERMIT TERMINATED - TERMINATION APPROVED
Completed Date:	06/29/2015
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	Renewal - With Changes - FINAL PERMIT RENEWAL (EXPIRES)
Completed Date:	04/10/2017
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	New Operating Permit - APPLICATION PART A RECEIVED
Completed Date:	11/18/1980
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	New Operating Permit - PUBLIC COMMENT (BEGIN)
Completed Date:	11/30/1992
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	New Operating Permit - FINAL PART A & PART B RECEIVED
Completed Date:	01/28/1992
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	New Operating Permit - FINAL PERMIT (EXPIRES)
Completed Date:	02/06/2003
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	New Operating Permit - RESPONSE TO 1ST NOD RECEIVED
Completed Date:	08/01/1990
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	New Operating Permit - RESPONSE TO 2ND NOD RECEIVED

Completed Date:	12/10/1990
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	New Operating Permit - FINAL PERMIT (EFFECTIVE)
Completed Date:	02/06/1993
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	Renewal - With Changes - CALL-IN LETTER ISSUED
Completed Date:	06/02/2002
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	Renewal - With Changes - FINAL PERMIT RENEWAL
Completed Date:	03/06/2007
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	New Operating Permit - APPLICATION PART B RECEIVED
Completed Date:	04/13/1983
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	Renewal - With Changes - APPLICATION PART B RECEIVED
Completed Date:	02/01/2003
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	New Operating Permit - 2ND NOTICE OF DEFICIENCY ISSUED
Completed Date:	12/03/1990
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	New Operating Permit - CALL-IN LETTER ISSUED
Completed Date:	02/02/1983
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	New Operating Permit - PUBLIC COMMENT (END)
Completed Date:	01/14/1993
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	Renewal - With Changes - DRAFT PERMIT RENEWAL
Completed Date:	10/16/2006
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	Renewal - With Changes - FINAL PART A & PART B RECEIVED
Completed Date:	10/13/2006
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	New Operating Permit - DRAFT PERMIT
Completed Date:	11/30/1992
--	--
Facility Type:	Historical - Non-Operating

Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	New Operating Permit - RESPONSE TO 3RD NOD RECEIVED
Completed Date:	11/05/1991
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	Renewal - With Changes - APPLICATION PART A RECEIVED
Completed Date:	02/01/2003
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	New Operating Permit - FINAL PERMIT
Completed Date:	01/06/1993
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	Renewal - With Changes - FINAL PERMIT RENEWAL (EFFECTIVE)
Completed Date:	04/10/2007
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit)
Event Description:	Renewal - With Changes - PUBLIC COMMENT (END)
Completed Date:	11/30/2006
--	--
Undergoing Closure	
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN6-S30/S31 (GPRA Unit)
Event Description:	Closure - CLOSURE PLAN APPROVED
Completed Date:	06/01/1993
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	TANKSTR1-S13
Event Description:	Closure - CLOSURE PLAN RECEIVED
Completed Date:	11/01/1993
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	TANKSTR1-S13
Event Description:	Closure - CLOSURE PLAN APPROVED
Completed Date:	12/07/1994
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN6-S30/S31 (GPRA Unit)
Event Description:	Closure - PUBLIC COMMENT (END)
Completed Date:	05/15/1993
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN6-S30/S31 (GPRA Unit)
Event Description:	Closure - PUBLIC COMMENT (BEGIN)
Completed Date:	04/15/1993
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	TANKSTR1-S13
Event Description:	Closure - CLOSURE NOTICE RECEIVED
Completed Date:	05/03/1994
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN7-S34
Event Description:	Closure Administrative - ISSUE CLOSURE VERIFICATION
Completed Date:	01/15/2014
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN6-S30/S31 (GPRA Unit)

Event Description:	Closure - ISSUE CLOSURE VERIFICATION
Completed Date:	06/30/1993
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN6-S30/S31 (GPRA Unit)
Event Description:	Closure - 1ST NOTICE OF DEFICIENCY ISSUED
Completed Date:	04/06/1993
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN6-S30/S31 (GPRA Unit)
Event Description:	Closure - CLOSURE PLAN RECEIVED
Completed Date:	09/15/1992
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN6-S30/S31 (GPRA Unit)
Event Description:	Closure - RESPONSE TO 1ST NOD RECEIVED
Completed Date:	04/08/1993
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit), CONTAIN6-S30/S31 (GPRA Unit), CONTAIN7-S34, TANKSTR1-S13
Event Description:	Closure Final - RECEIVE CLOSURE CERTIFICATION
Completed Date:	05/25/2015
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN6-S30/S31 (GPRA Unit)
Event Description:	Closure - CLOSURE NOTICE RECEIVED
Completed Date:	09/15/1992
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN6-S30/S31 (GPRA Unit)
Event Description:	Closure - PUBLIC COMMENT (PUBLIC HEARING)
Completed Date:	05/19/1993
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	TANKSTR1-S13
Event Description:	Closure - ISSUE CLOSURE VERIFICATION
Completed Date:	01/24/1996
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	TANKSTR1-S13
Event Description:	Closure - 1ST NOTICE OF DEFICIENCY ISSUED
Completed Date:	03/03/1994
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit), CONTAIN6-S30/S31 (GPRA Unit), CONTAIN7-S34, TANKSTR1-S13
Event Description:	Closure Final - ISSUE CLOSURE VERIFICATION
Completed Date:	06/29/2015
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN6-S30/S31 (GPRA Unit)
Event Description:	Closure - RECEIVE CLOSURE CERTIFICATION
Completed Date:	06/21/1993
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit), CONTAIN6-S30/S31 (GPRA Unit), CONTAIN7-S34, TANKSTR1-S13
Event Description:	Closure Final - CLOSURE PLAN APPROVED
Completed Date:	05/25/2015
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1-S12 (GPRA Unit), CONTAIN2-S15 (GPRA Unit), CONTAIN3-S16 (GPRA Unit), CONTAIN4-S17, Area 1 (GPRA Unit), CONTAIN5-S17, Area 2 (GPRA Unit), CONTAIN6-S30/S31 (GPRA Unit), CONTAIN7-S34, TANKSTR1-S13

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Event Description:	Closure Final - CLOSURE PLAN RECEIVED
Completed Date:	05/25/2015
--	--
Facility Type:	Historical - Non-Operating
Unit Names:	TANKSTR1-S13
Event Description:	Closure - RESPONSE TO 1ST NOD RECEIVED
Completed Date:	04/27/1994
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
105	3 of 3	NNE	0.49 / 2,571.02	108.43	THE BOEING COMPANY 1920 E IMPERIAL HWY EL SEGUNDO CA 90245	INSP COMP ENF

EPA ID:	CAD060897063
Report URL:	https://www.envirostor.dtsc.ca.gov/public/eerp_profile_report.asp?global_id=3000044
County:	LOS ANGELES
Geotracker Latitude:	33.93048
Geotracker Longitude:	-118.394663

Inspection Information

Inspection Type:	Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date:	11/17/2000
Violations:	No Violations
Return to Compliance:	

Inspection Type:	Financial Records Review - Treatment, Storage and Disposal
Inspection Date:	7/20/2010
Violations:	No Violations
Return to Compliance:	

Inspection Type:	Financial Records Review - Treatment, Storage and Disposal
Inspection Date:	6/30/2004
Violations:	Minor
Return to Compliance:	4/23/2007

Inspection Type:	Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date:	10/28/2008
Violations:	No Violations
Return to Compliance:	

Inspection Type:	Financial Records Review - Treatment, Storage and Disposal
Inspection Date:	10/23/2008
Violations:	No Violations
Return to Compliance:	

Inspection Type:	Financial Records Review - Treatment, Storage and Disposal
Inspection Date:	5/16/2006
Violations:	Minor
Return to Compliance:	4/23/2007

Inspection Type:	Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date:	2/27/2008
Violations:	No Violations
Return to Compliance:	

Inspection Type:	Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date:	4/26/2007
Violations:	No Violations
Return to Compliance:	

Inspection Type:	Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date:	5/23/2005
Violations:	No Violations
Return to Compliance:	

Inspection Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 8/17/2010
Violations: No Violations
Return to Compliance:

Inspection Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 11/30/2015
Violations: No Violations
Return to Compliance:

Inspection Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 7/6/2012
Violations: No Violations
Return to Compliance:

Inspection Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 12/20/2011
Violations: No Violations
Return to Compliance:

Inspection Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 5/12/2005
Violations: No Violations
Return to Compliance:

Inspection Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 6/23/2004
Violations: No Violations
Return to Compliance:

Inspection Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 6/28/2007
Violations: No Violations
Return to Compliance:

Inspection Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 9/28/2009
Violations: No Violations
Return to Compliance:

Inspection Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 12/15/2000
Violations: No Violations
Return to Compliance:

Inspection Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 10/1/2013
Violations: No Violations
Return to Compliance:

Inspection Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 8/20/2009
Violations: No Violations
Return to Compliance:

Inspection Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 2/19/2008
Violations: No Violations
Return to Compliance:

Inspection Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 4/26/2006
Violations: No Violations
Return to Compliance:

Completed Inspections

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 4/26/2007
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 2/27/2008
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 2/19/2008
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 4/26/2006
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 10/23/2008
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 11/17/2000
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 5/12/2005
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 11/30/2015
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 6/28/2007
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 8/20/2009
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 10/28/2008
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 6/23/2004
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 5/16/2006
Violation(s): Minor
Return to Compliance: 4/23/2007

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 7/6/2012
Violation(s): No Violations

Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 7/20/2010
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 12/15/2000
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 5/23/2005
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 10/1/2013
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 9/28/2009
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 6/30/2004
Violation(s): Minor
Return to Compliance: 4/23/2007

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 12/20/2011
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 8/17/2010
Violation(s): No Violations
Return to Compliance:

Permitting

Site Facility Type: CLOSED
Site Code: 300215
Assembly District: 62
Senate District: 26
Facility Type: HIST PERMITTED
Program Type: HAZARDOUS WASTE FACILITY
Facility History:

QUARTERLY UPDATEQuarterly Update Period: Sept 2015 to Dec 2015Active Permit: In April 2007 DTSC issued a ten-year permit renewal to authorize continued hazardous waste storage operations to the Boeing Satellite Systems, Inc. facility in El Segundo, CA. DTSC has reviewed submitted closure investigation reports by the Boeing Company, and based on the information and subsequent discussions, DTSC sent out closure approval letter on June 29, 2015 in accordance with the California Code of Regulations, Title 22, Section 66265.113. The closing activities were performed by site cleanup program.FACILITY DESCRIPTION/HISTORYBoeing Satellite Systems (BSS) facility operates four hazardous waste storage units at five contiguous address locations in El Segundo, CA (1950 E. Imperial Highway, 1920 E. Imperial Highway, 940 N. Shelby Street, 930 N. Shelby Street). BSS designs and manufactures communication satellites, electronic and propulsion units and various components that are used in satellites. The facility may store up to approximately 475 55-gallon drums of RCRA and non-RCRA organic and inorganic wastes, acidic and alkaline solutions containing heavy metals, halogenated and non-halogenated solvents, paint sludge and thinners, rags and Q-tips containing halogenated and non-halogenated solvents, miscellaneous laboratory waste chemicals and waste oils from machine cutting operations and equipment maintenance. No treatment or disposal activities are conducted at this facility.The facility has five existing buildings: four covered storage areas for hazardous waste (The 930 N. Shelby Street Storage Area is considered to be two hazardous waste storage unit in one location), and a main office. Each bay has concrete berms and is sloped. Both storage areas of the facility are fully covered by a roof. PERMITTING DESCRIPTION:The facility was issued a 10-year Hazardous Waste Facility Permit on February 6, 1993. The permit had been modified two times; on December 19, 2000 and on May 12, 2004. Both modifications were Class 1 permit modifications which were minor changes that keep the permit current with routine changes to the facility operation. An application for a permit renewal was submitted on May 15, 2006. Based upon that application DTSC issued a renewal of a Hazardous Waste Facility Permit for the four

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

hazardous waste storage units on March 6, 2007. The Hazardous Waste Facility Permit renewal went into effect on April 10, 2007.The ten-year permit renewal will expire on April 10th, 2017. On November 16, 2006 the facility entered into a corrective action consent agreement with DTSC is under corrective action for solid waste management units in several buildings on the Boeing campus that have been identified as having either released or may release hazardous waste or waste constituents into the environment. For more information regarding DTSC cleanup activities can be found here: https://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=80001440.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
106	1 of 1	W	0.49 / 2,581.09	137.38	CITY OF EL SEGUNDO FRANKLIN AVE EL SEGUNDO CA 90245	LUST

Global ID:	T0603701266	**CUF Case:**	*NO*
Case Type:	LUST Cleanup Site	**Begin Date:**	*1985-01-23 00:00:00*
Status:	Completed - Case Closed	**How Discovered:**	*Other Means*
Status Date:	2006-07-26 00:00:00	**Stop Method:**	
RB Case No:	902450052	**County:**	*Los Angeles*
LOC Case No:		**Latitude:**	*33.9213193*
Lead Agency:	EL SEGUNDO, CITY OF	**Longitude:**	*-118.4056754*
Case Worker:	SHT	**File Location:**	
Local Agency:	EL SEGUNDO, CITY OF		
Potential Cntm of Concrn:	* Solvents		
Potential Media Affected:	Soil		
How Discovered Description:			
Stop Description:			
Site History:			

Status History	
--	--
Status:	Open - Case Begin Date
Status Date:	1985-01-23 00:00:00
--	--
Status:	Open - Site Assessment
Status Date:	1985-01-23 00:00:00
--	--
Status:	Completed - Case Closed
Status Date:	2006-07-26 00:00:00
--	--
Activities	
--	--
Action Type:	Other
Date:	1985-01-23 00:00:00
Action:	Leak Reported
--	--
Contact Information	
--	--
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:	
--	--
Contact Type:	Local Agency Caseworker
Contact Name:	STEVE TSUMURA
Organization Name:	EL SEGUNDO, CITY OF
Address:	314 MAIN STREET
City:	EL SEGUNDO
Email:	stsumura@elsegundo.org
Phone Number:	
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
107	1 of 1	NNE	0.50 / 2,658.85	106.45	BOEING SATELLITE SYSTEMS INC 1920 E IMPERIAL HWY	ENVIROSTOR

Estor/EPA ID: 80001440
Cleanup Status: ACTIVE AS OF 1/1/2008
Site Code: 300215
Site Type: CORRECTIVE ACTION
Potential Media Affected: OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER)
Past Uses Caused Contam: MANUFACTURING - ELECTRONIC
APN: NONE SPECIFIED
National Priorities List: NO
Cleab up Oversight Agenci: DTSC - SITE CLEANUP PROGRAM
Special Program:
Funding:
Acres: 52 ACRES
School District:
Assembly District: 62
Senate District: 26
Zip: 902452701
Potential Contaminants:

FREON 113

Site History:

DTSC is proposing corrective action termination based on the RCRA Facility Investigation of the solid waste management units and areas of concern. The facility is completed closure of the hazardous waste management units in 2015.

Inactive - Boeing Satellite Systems is located in the City of El Segundo. The Boeing Satellite Systems operates four hazardous management units, which mainly used for the storage of hazardous waste. These waste streams include: flammable liquids, cleaning solvents, diesel fuel, and other semi-volatile organic compounds. The facility was issued a RCRA permit on February 6, 1993 and the permit expired on February 6, 2003.

Boeing Satellite Systems submitted a permit renewal application on February 2, 2003. The Department of Toxic Substances has completed the technical review of the permit renewal application for Boeing Satellite Systems and issued a Notice of Deficiency to the facility on March 16, 2005.

DTSC is reviewing the revised permit to the Notice of Deficiency. Additionally, DTSC has reviewed the closure cost estimate for Boeing Satellite Systems and determined that it is adequate for the closure of the facility in the worse-case-scenario. DTSC has issued the Facility Hazardous Waste Permit to Boeing in 2004.

In November 2011, Boeing Satellite Systems facility has just completed its investigation in soil and groundwater. The levels of contamination (mainly 113-Freon, TCE and PCE) found in soil and groundwater were all below the MCLs and risk based threshold of 1x10^-6. DTSC has conditionally approved the RFI Report. The conditions were to propose a groundwater monitoring plan and continuous monitoring for at least two years to confirm the stabilizing trend of contamination levels. DTSC is currently reviewing the proposed groundwater monitoring plan in April 2012.

Facility Information
-- --
Program Type: CORRECTIVE ACTION
Status: ACTIVE
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=80001440
-- --
Current Activities
-- --
Area Name: PROJECT WIDE
Sub Area:
Document Type: Land Use Restriction
Due Date: 10/25/2016
Revised Date:
Activity Type: Currently Scheduled Activities Through 6/30/2017
Area Name: PROJECT WIDE
Sub Area:
Document Type: Corrective Action Completion Determination
Due Date: 3/30/2017
Revised Date:
Activity Type: Currently Scheduled Activities Through 6/30/2017
Area Name: PROJECT WIDE
Sub Area:
Document Type: Remedy Constructed
Due Date: 1/10/2017

Revised Date:
Activity Type: Currently Scheduled Activities Through 6/30/2017
Completed Activities
-- --
Doc Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60413184
Area Name: PROJECT WIDE
Sub Area:
Document Type: Technical Workplan
Date Completed: 9/29/2016
Comments:
Activity Type: Completed Activities
-- --
Doc Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&enforcement_id=60405773
Area Name: PROJECT WIDE
Sub Area:
Document Type: CEQA - Notice of Exemption
Date Completed: 6/28/2016
Comments: NOE Signed.
Activity Type: Completed Activities
-- --
Doc Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&enforcement_id=60374810
Area Name: PROJECT WIDE
Sub Area:
Document Type: Remedy Selection and Statement of Basis
Date Completed: 6/28/2016
Comments:
Activity Type: Completed Activities
-- --
Doc Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60405774
Area Name: PROJECT WIDE
Sub Area:
Document Type: Community Profile
Date Completed: 4/19/2016
Comments:
Activity Type: Completed Activities
-- --
Doc Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60374812
Area Name: PROJECT WIDE
Sub Area:
Document Type: Public Notice
Date Completed: 4/19/2016
Comments:
Activity Type: Completed Activities
-- --
Doc Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60369468
Area Name: PROJECT WIDE
Sub Area:
Document Type: Fact Sheets
Date Completed: 4/19/2016
Comments:
Activity Type: Completed Activities
-- --
Doc Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&enforcement_id=60401895
Area Name: PROJECT WIDE
Sub Area:
Document Type: Annual Oversight Cost Estimate
Date Completed: 10/13/2015
Comments: Uploaded and mailed out.
Activity Type: Completed Activities
-- --
Doc Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&enforcement_id=60394801
Area Name: S-15 HWMU
Sub Area:
Document Type: Certification
Date Completed: 6/29/2015
Comments: Certification completed.
Activity Type: Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&enforcement_id=60394798
Area Name:	S-12 HWMU
Sub Area:	
Document Type:	Certification
Date Completed:	6/29/2015
Comments:	Certification completed.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&enforcement_id=60394795
Area Name:	S-17 HWMU
Sub Area:	
Document Type:	Certification
Date Completed:	6/29/2015
Comments:	Certification completed.
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&enforcement_id=60394786
Area Name:	S-16 HWMU
Sub Area:	
Document Type:	Certification
Date Completed:	6/29/2015
Comments:	Certification completed.
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60374819
Area Name:	S-15 HWMU
Sub Area:	
Document Type:	RFI Report
Date Completed:	6/29/2015
Comments:	
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60374817
Area Name:	S-12 HWMU
Sub Area:	
Document Type:	RFI Report
Date Completed:	6/29/2015
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60375013
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	Monitoring Report
Date Completed:	1/20/2015
Comments:	
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&enforcement_id=60380875
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	Annual Oversight Cost Estimate
Date Completed:	10/9/2014
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60364436
Area Name:	S-17 HWMU
Sub Area:	
Document Type:	RFI Report
Date Completed:	6/30/2014
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60364225
Area Name:	Building 17
Sub Area:	
Document Type:	Removal Action Completion Report

Date Completed:	6/30/2014
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60356366
Area Name:	S-16 HWMU
Sub Area:	
Document Type:	RFI Report
Date Completed:	6/24/2014
Comments:	
Activity Type:	Completed Activities
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Doc Link:	
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	Monitoring Report
Date Completed:	5/9/2014
Comments:	DTSC has no comment.
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60349955
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	Monitoring Report
Date Completed:	5/9/2014
Comments:	DTSC has no comments. Results from the report will be used to recommend corrective action termination.
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60324854
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	Interim Measures Workplan
Date Completed:	10/31/2013
Comments:	
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&enforcement_id=60340772
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	Corrective Action Oversight Cost Recovery Estimate
Date Completed:	10/24/2013
Comments:	Cost estimate for 2013/2014.
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60320514
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	Technical Workplan
Date Completed:	8/7/2013
Comments:	Approved.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&enforcement_id=60314628
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	Groundwater Migration Controlled
Date Completed:	6/24/2013
Comments:	
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60326826
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	Technical Report
Date Completed:	6/18/2013
Comments:	Document reviewed and approved.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&enforcement_id=60299128
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	Human Exposure Controlled
Date Completed:	6/13/2013
Comments:	
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60307690
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	Monitoring Report
Date Completed:	4/23/2013
Comments:	
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60308532
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	Risk Assessment Report
Date Completed:	11/8/2012
Comments:	DTSC approves the HRA Report as submitted.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60294807
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	Monitoring Plan
Date Completed:	6/19/2012
Comments:	Approved.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60255682
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	Risk Assessment Report
Date Completed:	1/28/2012
Comments:	Approved with RFI Report.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=6026891
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	RFI Report
Date Completed:	1/26/2012
Comments:	
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=6029130
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	RFI Workplan Addendum
Date Completed:	4/27/2010
Comments:	
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=6028454
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	RFI Workplan
Date Completed:	1/7/2010
Comments:	Facility submitted one workplan that was approved as a final on 1/7/2010.
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60254476
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	Risk Assessment Workplan

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Date Completed:	6/23/2009
Comments:	
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60253826
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	RFI Workplan
Date Completed:	9/4/2008
Comments:	This workplan was approved in Sept. 2008.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&doc_id=60189383
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	RFI Workplan Addendum
Date Completed:	7/18/2008
Comments:	This is a final addendum workplan 1 with clarifications from previous meetings.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001440&enforcement_id=60192420
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	Consent Order
Date Completed:	11/16/2006
Comments:	Signed CACA.
Activity Type:	Completed Activities
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Doc Link:	
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	Interim Measures Questionnaire
Date Completed:	8/14/1992
Comments:	
Activity Type:	Completed Activities
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Doc Link:	
Area Name:	PROJECT WIDE
Sub Area:	
Document Type:	RCRA Facility Assessment Report
Date Completed:	6/1/1992
Comments:	
Activity Type:	Completed Activities
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108	1 of 1	NNE	0.52 / 2,763.86	106.45	THE BOEING COMPANY 1920 EAST IMPERIAL HWY EL SEGUNDO CA 90245	RCRA CORRACTS

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAD060897063
Current Site Name:	THE BOEING COMPANY
Generator Status Universe:	Large Quantity Generator
Land Type:	Private
Activity Location:	CA
TSD Activity:	Yes
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	No

Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No
Mailing Address:	PO BOX 92919 W/S25/D581, LOS ANGELES, CA, 90009, US
Contact Name:	JERROD NEWLANDER
Contact Address:	PO BOX 92919 W/S25/D581, LOS ANGELES, CA, 90009, US
Contact Email:	JERROD.J.NEWLANDER@BOEING.COM
Location Street 2:	
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	BOEING SATELLITE SYSTEMS, INC.
Owner/Operator Address:	P.O. BOX 92919 W/S12/W356 LOS ANGELES CA US 90009
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19950410
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	BOEING SATELLITE SYSTEMS, INC.
Owner/Operator Address:	P.O. BOX 92919 W/S01/D381 LOS ANGELES CA US 90009
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	20001006
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	BOEING SATELLITE SYSTEMS, INC.
Owner/Operator Address:	
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	20001006
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	HUGHES AIRCRAFT COMPANY S&CG
Owner/Operator Address:	PO BOX 92919 CITY NOT REPORTED CA 99999
Owner/Operator Phone:	2136482345
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	THE BOEING COMPANY
Owner/Operator Address:	US
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	20001006
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	THE BOEING COMPANY
Owner/Operator Address:	PO BOX 92919 W S01 D381 LOS ANGELES CA US 90009
Owner/Operator Phone:	310-416-5680
Owner/Operator Type:	P
Date Became Current:	20001006
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	BOEING SATELLITE SYSTEMS, INC.
Owner/Operator Address:	P.O. BOX 92919 W/S12/W346 LOS ANGELES CA US 90009
Owner/Operator Phone:	
Owner/Operator Type:	P

Date Became Current:	19950410
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	BOEING SATELLITE SYSTEMS INC
Owner/Operator Address:	P O BOX 92919 LOS ANGELES CA 90009
Owner/Operator Phone:	3104162241
Owner/Operator Type:	P
Date Became Current:	
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	BOEING SATELLIET SYSTEMS, INC.
Owner/Operator Address:	PO BOX 92570 W/S01/D381 EL SEGUNDO CA 90245
Owner/Operator Phone:	3104165680
Owner/Operator Type:	P
Date Became Current:	20001006
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	THE BOEING COMPANY
Owner/Operator Address:	PO BOX 92919 W/S25/D581 LOS ANGELES CA US 90009
Owner/Operator Phone:	3104165680
Owner/Operator Type:	P
Date Became Current:	20001006
Date Ended Current:	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	THE BOEING COMPANY
Owner/Operator Address:	2060 E. IMPERIAL HWY 92919 W/S25/D581 EL SEGUNDO CA 90245
Owner/Operator Phone:	3104165680
Owner/Operator Type:	P
Date Became Current:	20001006
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	BOEING SATELLITE SYSTEMS, INC.
Owner/Operator Address:	P.O. BOX 92919 W/S12/W346 LOS ANGELES CA US 90009
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19950410
Date Ended Current:	
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Owner/Operator Indicator:	CO
Owner/Operator Name:	BOEING SATELLITE SYSTEMS, INC.
Owner/Operator Address:	P.O. BOX 92570 W/S01/D381 EL SEGUNDO CA US 90245
Owner/Operator Phone:	3104165680
Owner/Operator Type:	P
Date Became Current:	20001006
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	THE BOEING COMPANY
Owner/Operator Address:	
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	20001006
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP
Owner/Operator Name:	BOEING SATELLITE SYSTEMS, INC.
Owner/Operator Address:	US
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	19950410
Date Ended Current:	
--	--
Owner/Operator Indicator:	CP

Owner/Operator Name:	BOEING SATELLITE SYSTEMS, INC.
Owner/Operator Address:	US
Owner/Operator Phone:	
Owner/Operator Type:	P
Date Became Current:	20001006
Date Ended Current:	
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NAICS Information	
--	--
Naics Code:	336414
Naics Description:	GUIDED MISSILE AND SPACE VEHICLE MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	33429
Naics Description:	OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	33421
Naics Description:	TELEPHONE APPARATUS MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	33422
Naics Description:	RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING
Naics Active Status:	Yes
Naics Cycle:	2002
--	--
Naics Code:	3342
Naics Description:	COMMUNICATIONS EQUIPMENT MANUFACTURING
Naics Active Status:	No
Naics Cycle:	2002
--	--
Handler Information	
--	--
Date Received:	20100622
Facility Name:	BOEING SATELLITE SYSTEMS, INC.
Classification:	Large Quantity Generator
--	--
Date Received:	20001016
Facility Name:	BOEING SATELLITE SYSTEM INC
Classification:	Large Quantity Generator
--	--
Date Received:	20001012
Facility Name:	HUGHES SPACE AND COMMUNICATIONS COMPANY
Classification:	Large Quantity Generator
--	--
Date Received:	20040227
Facility Name:	BOEING SATELLITE SYSTEMS, INC.
Classification:	Large Quantity Generator
--	--
Date Received:	19860225
Facility Name:	BOEING SATELLITE SYSTEM INC
Classification:	Large Quantity Generator
--	--
Date Received:	19920330
Facility Name:	HUGHES AIRCRAFT CO-SCG
Classification:	Large Quantity Generator
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Date Received:	19940331
Facility Name:	HUGHES SPACE AND COMMUNICATIONS CO.
Classification:	Large Quantity Generator
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Date Received:	19960327
Facility Name:	HUGHES SPACE AND COMMUNICATIONS CO
Classification:	Large Quantity Generator

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Date Received:	20060223
Facility Name:	BOEING SATELLITE SYSTEMS, INC.
Classification:	Large Quantity Generator
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Date Received:	20120821
Facility Name:	BOEING SATELLITE SYSTEMS, INC.
Classification:	Large Quantity Generator
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Date Received:	19990316
Facility Name:	HUGHES SPACE AND COMMUNICATIONS COMPANY
Classification:	Large Quantity Generator
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Date Received:	19960901
Facility Name:	BOEING SATELLITE SYSTEM INC
Classification:	Large Quantity Generator
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Date Received:	20140301
Facility Name:	THE BOEING COMPANY
Classification:	Large Quantity Generator
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Date Received:	20160218
Facility Name:	THE BOEING COMPANY
Classification:	Large Quantity Generator
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Date Received:	20121219
Facility Name:	THE BOEING COMPANY
Classification:	Large Quantity Generator
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Date Received:	20020301
Facility Name:	BOEING SATELLITE SYSTEMS, INC.
Classification:	Large Quantity Generator
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Date Received:	20080225
Facility Name:	BOEING SATELLITE SYSTEMS, INC.
Classification:	Large Quantity Generator
--	--
Hazardous Waste Information	
--	--
Waste Code:	121
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	122
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	123
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	134
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	135
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	141
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes

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Waste Code:	151
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	181
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	211
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	212
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	213
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	221
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	223
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	261
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	331
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	343
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	352
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	513
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	541
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	611
Waste:	from br conversion

Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	711
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	723
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	726
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	791
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	792
Waste:	from br conversion
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D001
Waste:	IGNITABLE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D002
Waste:	CORROSIVE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D003
Waste:	REACTIVE WASTE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D004
Waste:	ARSENIC
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D005
Waste:	BARIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D006
Waste:	CADMIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D007
Waste:	CHROMIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D008
Waste:	LEAD
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Waste Code:	D009
Waste:	MERCURY
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	D010
Waste:	SELENIUM
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D011
Waste:	SILVER
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D018
Waste:	BENZENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D035
Waste:	METHYL ETHYL KETONE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	D040
Waste:	TRICHLORETHYLENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F001
Waste:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F002
Waste:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	F003
Waste:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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 Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	F005
Waste:	THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT

SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: F006
Waste: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: F007
Waste: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: F009
Waste: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: LABP
Waste: LAB PACK
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: P012
Waste: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: P015
Waste: BERYLLIUM
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: P029
Waste: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: P030
Waste: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: P098
Waste: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: P106
Waste: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: U002
Waste: 2-PROPANONE (I) (OR) ACETONE (I)
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes
-- --
Waste Code: U012
Waste: ANILINE (I,T) (OR) BENZENAMINE (I,T)
Waste Code Active Status: Yes
BR Waste Code Active Status: Yes

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Waste Code:	U041
Waste:	EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U079
Waste:	1,2-DICHLOROETHYLENE (OR) ETHENE, 1,2-DICHLORO-,(E)-
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U112
Waste:	ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U133
Waste:	HYDRAZINE (R,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U154
Waste:	METHANOL (I) (OR) METHYL ALCOHOL (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U165
Waste:	NAPHTHALENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Waste Code:	U213
Waste:	FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U220
Waste:	BENZENE, METHYL- (OR) TOLUENE
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
--	--
Waste Code:	U223
Waste:	BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Violation/Evaluation Information	
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Evaluation Start Date:	19930409
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	TSD - Financial Requirements
Violation Determined Date:	19930409
Actual Return to Compliance Date:	19930519
Violation Responsible Agency:	S
Enforcement Action Date:	19930415
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20001117
Evaluation Agency:	S

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	20040623
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20060516
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	TSD - Financial Requirements
Violation Determined Date:	20060516
Actual Return to Compliance Date:	20070423
Violation Responsible Agency:	S
Enforcement Action Date:	20060518
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	20111220
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20130820
Evaluation Agency:	S

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19880224
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19880224
Actual Return to Compliance Date:	19880502
Violation Responsible Agency:	S
Enforcement Action Date:	19880328
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	20090820
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	20151130
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19900313
Evaluation Agency:	S

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19900313
Actual Return to Compliance Date:	19920226
Violation Responsible Agency:	S
Enforcement Action Date:	19900417
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19960606
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	20070628
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	20080219
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	20131001
Evaluation Agency:	S

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19880224
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	LDR - General
Violation Determined Date:	19880224
Actual Return to Compliance Date:	19920226
Violation Responsible Agency:	S
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19900313
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19900313
Actual Return to Compliance Date:	19920226
Violation Responsible Agency:	S
Enforcement Action Date:	19900726
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	FINAL 3008(A) COMPLIANCE ORDER
Proposed Penalty Amount:	
Paid Amount:	4500
Final Amount:	4500
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Evaluation Start Date:	19921222
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
--	--
Evaluation Start Date:	19971023
Evaluation Agency:	S

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20070426
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20130820
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Violation Determined Date:	20130820
Actual Return to Compliance Date:	20130920
Violation Responsible Agency:	S
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20130821
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19900321
Evaluation Agency:	S

Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19920226
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19960125
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - Financial Requirements
Violation Determined Date:	19960222
Actual Return to Compliance Date:	19970101
Violation Responsible Agency:	S
Enforcement Action Date:	19960222
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20100720
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19880208
Evaluation Agency:	S

Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	TSD - Financial Requirements
Violation Determined Date:	19880208
Actual Return to Compliance Date:	19880513
Violation Responsible Agency:	S
Enforcement Action Date:	19880316
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19960209
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19940428
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	TSD - General
Violation Determined Date:	19940429
Actual Return to Compliance Date:	19940601
Violation Responsible Agency:	S
Enforcement Action Date:	19940429
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	INITIAL 3008(A) COMPLIANCE
Proposed Penalty Amount:	2500
Paid Amount:	2500
Final Amount:	2500
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Evaluation Start Date:	20001215
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20040630
Evaluation Agency:	S

Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	TSD - Financial Requirements
Violation Determined Date:	20040630
Actual Return to Compliance Date:	20070423
Violation Responsible Agency:	S
Enforcement Action Date:	20040825
Enforcement Agency:	S
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	WRITTEN INFORMAL
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20050512
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20080227
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20120706
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20060922
Evaluation Agency:	C

Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19970328
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20081023
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20081028
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20100817
Evaluation Agency:	S

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19920310
Evaluation Agency:	C
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	TSD - Financial Requirements
Violation Determined Date:	19920310
Actual Return to Compliance Date:	19921222
Violation Responsible Agency:	S
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	19941110
Evaluation Agency:	S
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20050523
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20060426
Evaluation Agency:	S

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Evaluation Start Date:	20090928
Evaluation Agency:	S
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Violation Determined Date:	
Actual Return to Compliance Date:	
Violation Responsible Agency:	
Enforcement Action Date:	
Enforcement Agency:	
Disposition Status Date:	
Disposition Status:	
Enforcement Type Description:	
Proposed Penalty Amount:	
Paid Amount:	
Final Amount:	
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Event	
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Corrective Action Event Code:	CA029ST
Corrective Action Event Description:	LEAD AGENCY DETERMINATION
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	19900101
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Corrective Action Event Code:	CA075ME
Corrective Action Event Description:	CA PRIORITIZATION-MEDIUM CA PRIORITY
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	19920814
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Corrective Action Event Code:	CA725YE
Corrective Action Event Description:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	20100921
New Schedule Date of Event:	
Actual Date of Event:	20100921
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Corrective Action Event Code:	CA750YE
Corrective Action Event Description:	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	20130608
New Schedule Date of Event:	

Actual Date of Event:	20130624
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Corrective Action Event Code:	CA048ST
Corrective Action Event Description:	RFA NEED BY ANOTHER AGCY
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	19920818
New Schedule Date of Event:	
Actual Date of Event:	
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Corrective Action Event Code:	CA225NR
Corrective Action Event Description:	STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	19920814
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Corrective Action Event Code:	CA049PA
Corrective Action Event Description:	PA OR CERCLA INSPECTION
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	19910227
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Corrective Action Event Code:	CA075ME
Corrective Action Event Description:	CA PRIORITIZATION-MEDIUM CA PRIORITY
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	19910227
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Corrective Action Event Code:	CA380
Corrective Action Event Description:	DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	20160424
New Schedule Date of Event:	
Actual Date of Event:	20160419
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Corrective Action Event Code:	CA029EP
Corrective Action Event Description:	LEAD AGENCY DETERMINATION
Corrective Action Event Active:	Yes
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	19910227
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Corrective Action Event Code:	CA050RF
Corrective Action Event Description:	RFA COMPLETED-ASSESSMENT WAS A RFA
Corrective Action Event Active:	No
Original Schedule Date of Event:	
New Schedule Date of Event:	
Actual Date of Event:	19920601
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Corrective Action Event Code:	CA725YE
Corrective Action Event Description:	HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Corrective Action Event Active:	Yes
Original Schedule Date of Event:	20100921
New Schedule Date of Event:	
Actual Date of Event:	20130613
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109 | **1 of 1** | **NE** | **0.58 / 3,063.49** | **104.45** | **NORTH AMERICAN AIRCRAFT**
INGLEWOOD CA | **ENVIROSTOR**

Estor/EPA ID:	80000838
Cleanup Status:	INACTIVE - NEEDS EVALUATION AS OF 7/1/2005
Site Code:	
Site Type:	FUDS
Potential Media Affected:	NONE SPECIFIED
Past Uses Caused Contam:	NONE SPECIFIED
APN:	NONE SPECIFIED
National Priorities List:	NO
Cleab up Oversight Agenci:	DTSC - SITE CLEANUP PROGRAM - LEAD
Special Program:	
Funding:	DERA
Acres:	NONE SPECIFIED
School District:	
Assembly District:	62
Senate District:	26
Zip:	
Potential Contaminants:	

Site History:

Facility Information

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Program Type:	MILITARY EVALUATION
Status:	INACTIVE - NEEDS EVALUATION
Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=80000838
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110 | **1 of 1** | **ESE** | **0.71 / 3,734.03** | **97.45** | **201 N. DOUGLAS PROPERTY**
201 N. DOUGLAS STREET
EL SEGUNDO CA 90245 | **ENVIROSTOR**

Estor/EPA ID:	60001802
Cleanup Status:	ACTIVE AS OF 10/4/2012
Site Code:	304642
Site Type:	SCHOOL
Potential Media Affected:	SOIL VAPOR
Past Uses Caused Contam:	OIL FIELD, RESEARCH - AEROSPACE
APN:	4138-003-041
National Priorities List:	NO
Cleab up Oversight Agenci:	DTSC - SITE CLEANUP PROGRAM - LEAD
Special Program:	
Funding:	SCHOOL DISTRICT
Acres:	13.7 ACRES
School District:	WISEBURN ELEMENTARY SCHOOL DISTRICT
Assembly District:	62
Senate District:	26
Zip:	90245
Potential Contaminants:	

METHANE
HYDROGEN SULFIDE

Site History:

The Site, known as 201 N. Douglas Property, is an approximately 13.7-acre property for a prospective new high school. The Site is currently developed

as a 4-story, 345,000 square foot office building (built in 1981) and associated parking lots which was/is used for aerospace product development and design. The Site is also within the El Segundo Oil Field. Historical environmental investigations of the Site prior to October 2012 were conducted without DTSC oversight.

In October 2012, the Wiseburn School District (District) entered into an Environmental Oversight Agreement to conduct a Preliminary Environmental Assessment (PEA) at the Site with DTSC oversight. In November 2012, a PEA Workplan was submitted with proposed soil sampling for potential historical releases related to pad-mounted electrical transformers, operations/activities in a former building, lead-based paint around a former building, and run-off impacts at the end of a swale. On November 27, 2012, DTSC conditionally approved the PEA Workplan provided specific comments be addressed and additional sampling be conducted around the electrical transformers, for methane in soil gas, for lead-based paint around the existing building, and within the footprint of a former building. PEA fieldwork commenced on November 29, 2012. In addition, multiple documents regarding historical environmental evaluations and investigations conducted at the Site were submitted as a PEA Equivalent Report. On December 5, 2012, DTSC concurred with the adequacy of the PEA Equivalent Report pending public review.

In December 2012, DTSC received a PEA Report which included the results of the recent soil and soil gas sampling activities. The PEA Report revealed elevated levels of methane in soil gas beneath the Site. On January 16, 2013, DTSC determined that a response action, to include methane mitigation through the Removal Action Workplan (RAW) process, is required. In February 2013, the District entered into a School Cleanup Agreement to conduct response actions at the Site with DTSC oversight and subsequently submitted a RAW.

In July 2013, DTSC determined that a revised draft RAW was adequate for public comment. The draft RAW proposes Alternative #2, Passive Ventilation and Barriers, as a methane gas mitigation system (GMS) which prevents methane buildup and allows for the capture and safe discharge of methane to the atmosphere. Regarding the California Environmental Quality Act (CEQA), the District certified the Final Environmental Impact Report (EIR) for the school construction project, which included methane mitigation, in March 2013. As a Responsible Agency under CEQA, DTSC reviewed the EIR, prepared a Responsible Agency Checklist, and determined that the EIR adequately addressed the environmental impacts resulting from the proposed removal action. The 30-day public comment period regarding the draft RAW began in July 2013. In September 2013, DTSC determined that modification to the RAW was not necessary and approved the RAW for implementation; DTSC also filed the CEQA Notice of Determination.

In December 2014, DTSC approved the Remedial Design Document (RDD) which provides the engineering design details of the GMS. The GMS requires the installation of an underground system to collect, vent, and allow for monitoring of methane gas. The RAW is to be implemented during school construction activities for approximately two years, August 2016 to June 2018. GMS installation activities commenced in October 2016.

Facility Information

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Program Type:	SCHOOL CLEANUP
Status:	ACTIVE
Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=60001802
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Completed Activities	
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&enforcement_id=60416403
Area Name:	
Sub Area:	
Document Type:	Annual Oversight Cost Estimate
Date Completed:	9/21/2016
Comments:	On September 21, 2016, DTSC provided a cost estimate of DTSC oversight activities for July 1, 2016 through June 30, 2017.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&doc_id=60406022
Area Name:	
Sub Area:	
Document Type:	Technical Report
Date Completed:	5/2/2016
Comments:	Via email on May 2, 2016, DTSC indicated the proposed design changes to the gas mitigation system were acceptable.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&enforcement_id=60399679
Area Name:	
Sub Area:	
Document Type:	Annual Oversight Cost Estimate
Date Completed:	9/11/2015
Comments:	Annual cost estimate completed, emailed and mailed.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&doc_id=60371787
Area Name:	
Sub Area:	
Document Type:	Work Notice

Date Completed:	8/3/2015
Comments:	The Work Notice announcing Methane Mitigation Work (i.e., implementation of the RAW) was mailed/distributed.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&doc_id=60393666
Area Name:	
Sub Area:	
Document Type:	Technical Report
Date Completed:	6/9/2015
Comments:	Via email on June 9, 2015, DTSC indicated the design modifications to the Gas Mitigation System are acceptable.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&doc_id=60330721
Area Name:	
Sub Area:	
Document Type:	Design/Implementation Workplan
Date Completed:	12/11/2014
Comments:	On December 11, 2014, DTSC approved the Remedial Design Document, dated December 2014. RAW implementation is anticipated to commence during school construction activities in March 2015.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&doc_id=60382781
Area Name:	
Sub Area:	
Document Type:	CEQA - Draft Supplemental EIR for Wiseburn High School Sports Complex
Date Completed:	10/7/2014
Comments:	DTSC did not have any comments on the CEQA Draft Supplemental EIR for the Wiseburn High School Sports Complex.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&enforcement_id=60375968
Area Name:	
Sub Area:	
Document Type:	Annual Oversight Cost Estimate
Date Completed:	8/20/2014
Comments:	On August 20, 2014, DTSC provided a cost estimate of DTSC oversight activities for July 1, 2014 through June 30, 2015.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&enforcement_id=60375916
Area Name:	
Sub Area:	
Document Type:	Amendment - Order/Agreement
Date Completed:	8/20/2014
Comments:	On August 20, 2014, DTSC received the SCA Amendment which was fully executed on June 26, 2014.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&doc_id=60353456
Area Name:	
Sub Area:	
Document Type:	CEQA - Notice of Preparation & Initial Study for Supplemental EIR for Wiseburn High School
Date Completed:	3/6/2014
Comments:	DTSC had no comments on the CEQA document.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&enforcement_id=60330935
Area Name:	
Sub Area:	
Document Type:	Correspondence
Date Completed:	9/9/2013
Comments:	Via emails since August 1, 2013, DTSC received responses regarding information related to cultural resources for this project.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&enforcement_id=60318906
Area Name:	
Sub Area:	
Document Type:	CEQA - Responsible Agency Review

Date Completed:	9/6/2013
Comments:	On September 6, 2013, DTSC signed the CEQA Notice of Determination.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&doc_id=60318882
Area Name:	
Sub Area:	
Document Type:	Removal Action Workplan
Date Completed:	9/5/2013
Comments:	On September 5, 2013, DTSC approved the Removal Action Workplan for implementation.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&doc_id=60332196
Area Name:	
Sub Area:	
Document Type:	Technical Report
Date Completed:	8/14/2013
Comments:	DTSC received a letter report, dated August 14, 2013, regarding Indoor Air Monitoring which was conducted on August 13, 2013.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&enforcement_id=60330954
Area Name:	
Sub Area:	
Document Type:	Correspondence
Date Completed:	8/1/2013
Comments:	On August 1, 2013, DTSC informed the District that DTSC oversight costs exceeded the SCA cost estimate, listed activities causing the exceedance, and provided a revised cost estimate.
Activity Type:	Completed Activities
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Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&doc_id=60328025
Area Name:	
Sub Area:	
Document Type:	Public Notice
Date Completed:	7/22/2013
Comments:	On July 22, 2013, the Public Notice Ad regarding the Draft RAW was published in the Daily Breeze.
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&doc_id=60318890
Area Name:	
Sub Area:	
Document Type:	Fact Sheets
Date Completed:	7/18/2013
Comments:	On July 18, 2013 and July 19, 2013, the Community Notice was distributed via US mail and e-mail. The Community Notice provided information on the Site history, proposed methane mitigation system, and 30-day public comment period (July 22 through August 20).
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&doc_id=60318934
Area Name:	
Sub Area:	
Document Type:	4.15 Request
Date Completed:	7/17/2013
Comments:	On July 17, 2013, DTSC signed the SFPD 4.15 Form documenting the commitment of the District and DTSC to California Department of Education to complete the required response action prior to project occupancy.
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&doc_id=60315428
Area Name:	
Sub Area:	
Document Type:	Community Profile
Date Completed:	7/1/2013
Comments:	DTSC approved the Community Profile, which describes the community and identifies potential community concerns regarding Site activities.
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&doc_id=60318776
Area Name:	

Sub Area:	
Document Type:	CEQA - Final Environmental Impact Report for Wiseburn High School
Date Completed:	4/10/2013
Comments:	Via email on April 10, 2013, DTSC was informed that the Notice of Determination for the Environmental Impact Report (EIR) was filed with the County Clerk's office on March 22, 2013 and mailed to the State Clearinghouse. The FINAL EIR (SCH No. 2011061056), certified on March 21, 2013, is comprised of the following documents: 1) FINAL EIR, dated March 2013; 2) DRAFT EIR, dated January 2013; 3) ADDENDUM TO FINAL EIR (i.e., DTSC's comment letter, dated January 31, 2013, on the Draft EIR; and The Planning Center's response letter, dated March 11, 2013, to DTSC's comments).
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&enforcement_id=60315175
Area Name:	
Sub Area:	
Document Type:	School Cleanup Agreement
Date Completed:	2/5/2013
Comments:	Fully executed sent (FedEx) to the District.
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&doc_id=60315032
Area Name:	
Sub Area:	
Document Type:	CEQA - Draft Environmental Impact Report for Wiseburn High School
Date Completed:	1/31/2013
Comments:	On January 31, 2013, DTSC provided comments on the Draft Environmental Impact Report.
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&enforcement_id=60315322
Area Name:	
Sub Area:	
Document Type:	Correspondence
Date Completed:	1/24/2013
Comments:	On January 24,2013, DTSC notified the District that the Environmental Oversight Agreement cost estimate has been exceeded and provided an anticipated approximate cost for the PEA.
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&doc_id=60311768
Area Name:	
Sub Area:	
Document Type:	Preliminary Endangerment Assessment Report
Date Completed:	1/16/2013
Comments:	DTSC determined that a response action, to include methane mitigation through the removal action workplan process, is required for the Site.
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&doc_id=60311810
Area Name:	
Sub Area:	
Document Type:	Preliminary Endangerment Assessment Workplan
Date Completed:	11/27/2012
Comments:	On November 27, 2012, DTSC conditionally approved the PEA Workplan provided specific comments be implemented and/or addressed during PEA fieldwork and in the PEA Report.
Activity Type:	Completed Activities
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&doc_id=60310753
Area Name:	
Sub Area:	
Document Type:	Existing Data
Date Completed:	11/6/2012
Comments:	On November 6, 2012, DTSC conducted a PEA Scoping Meeting with the Wiseburn School District; in addition, representatives for the current propety owner and potential future property owner were in attendance. DTSC received a total of 13 documents/reports (electronic format) of existing Site data/information (1996 to 2012). The District indicated it will provide DTSC a letter indicating that the Existing Data will be considered as a PEA Equivalent Report and submit a PEA Workplan.
Activity Type:	Completed Activities
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001802&enforcement_id=60310340
Area Name:	
Sub Area:	
Document Type:	Environmental Oversight Agreement
Date Completed:	10/15/2012
Comments:	Fully executed EOA sent (FedEx) to District 10/16/12.
Activity Type:	Completed Activities
--	--
Future Activities	
--	--
NOTE:	THE DUE DATES OF FUTURE ACTIVITIES ARE SUBJECT TO CHANGE BASED ON THE PROGRESS OF CURRENTLY SCHEDULED ACTIVITIES
--	--
Area Name:	
Sub Area:	
Document Type:	Removal Action Completion Report
Due Date:	2017
Activity Type:	Future Activities
--	--
Area Name:	
Sub Area:	
Document Type:	Certification
Due Date:	2018
Activity Type:	Future Activities
--	--
Area Name:	
Sub Area:	
Document Type:	Operations and Maintenance Plan
Due Date:	2017
Activity Type:	Future Activities
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
111	1 of 1	NE	0.73 / 3,856.47	101.45	NORTH AMERICAN AIRCRAFT INGLEWOOD CA	ENVIROSTOR

Estor/EPA ID:	80000839
Cleanup Status:	INACTIVE - NEEDS EVALUATION AS OF 7/1/2005
Site Code:	
Site Type:	FUDS
Potential Media Affected:	NONE SPECIFIED
Past Uses Caused Contam:	NONE SPECIFIED
APN:	NONE SPECIFIED
National Priorities List:	NO
Cleab up Oversight Agenci:	DTSC - SITE CLEANUP PROGRAM - LEAD
Special Program:	
Funding:	DERA
Acres:	NONE SPECIFIED
School District:	
Assembly District:	62
Senate District:	26
Zip:	
Potential Contaminants:	
Site History:	
Facility Information	
--	--
Program Type:	MILITARY EVALUATION
Status:	INACTIVE - NEEDS EVALUATION
Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=80000839
--	--
Completed Activities	
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80000839&doc_id=5010907
Area Name:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Sub Area:
Document Type: Inventory Project Report (INPR)
Date Completed: 10/7/1993
Comments:
Activity Type: Completed Activities
-- --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
112	1 of 3	SSE	0.74 / 3,926.87	130.32	RAYTHEON SPACE AND AIRBORNE SYSTEMS 2000 E EL SEGUNDO BLVD EL SEGUNDO CA 90245	ENVIROSTOR

Estor/EPA ID: CAD000633230
Cleanup Status:
Site Code: 300331
Site Type: OPERATING PERMIT
Potential Media Affected:
Past Uses Caused Contam:
APN:
National Priorities List:
Cleab up Oversight Agenci:
Special Program:
Funding:
Acres:
School District:
Assembly District: 62
Senate District: 26
Zip: 90245
Potential Contaminants:

Site History:

VIEWVIEWVIEWVIEWVIEWVIEWVIEWVIEW

Facility Information
-- --
Program Type: HAZ WASTE - RCRA
Status: OPERATING PERMIT
Summary Link: http://www.envirostor.dtsc.ca.gov/public/hwmp_profile_report.asp?global_id=CAD000633230
-- --
Program Type: INSPECTION
Status: NO ACTION
Summary Link: http://www.envirostor.dtsc.ca.gov/public/eerp_profile_report.asp?global_id=3000609
-- --
Permit Units - Completed Act
-- --
Unit:
Event Description: MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EXPIRES)
Doc Link:
Date: 10/8/2017
Activity Type: Permitted Units - Completed Activities
-- --
Unit: CONTAIN1 (GPRA UNIT)
Event Description: RENEWAL - NO CHANGES - FINAL PERMIT RENEWAL (EXPIRES)
Doc Link:
Date: 10/8/2017
Activity Type: Permitted Units - Completed Activities
-- --
Unit: CONTAIN1 (GPRA UNIT)
Event Description: RENEWAL - NO CHANGES - DTSC MEETING WITH APPLICANT
Doc Link: http://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/5806995987/Pre%2Dapplication%20site%2Dvisit%20meeting%2008172016%2Epdf
Date: 8/17/2016
Activity Type: Permitted Units - Completed Activities
-- --
Unit: CONTAIN1 (GPRA UNIT)

Event Description:	RENEWAL - NO CHANGES - CALL-IN LETTER ISSUED
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/7114820182/Reminder%20letter%20Final%2020151006%2Epdf
Date:	10/6/2015
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	
Event Description:	MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - PUBLIC NOTICE BY PERMITTEE
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/7951291739/Class%201%20PM%20public%20notice12052013%2Epdf
Date:	12/5/2013
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	
Event Description:	MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EFFECTIVE)
Doc Link:	
Date:	10/22/2013
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	
Event Description:	MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents.asp?global_id=CAD000633230&link_key=1003&document_category=FINAL+PERMIT&event_description=Mod+Class+1+%2D+No+Prior+Approval+Required+%2D+FINAL+PERMIT+MODIFICATION+&mytype=pa
Date:	10/22/2013
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	
Event Description:	MOD CLASS 1 - NO PRIOR APPROVAL REQUIRED - MAILING LIST
Doc Link:	
Date:	10/22/2013
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	CONTAIN1 (GPRA UNIT)
Event Description:	RENEWAL - NO CHANGES - FINAL PERMIT RENEWAL
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents.asp?global_id=CAD000633230&link_key=9590&document_category=FINAL+PERMIT&event_description=Renewal+%2D+No+Changes+%2D+FINAL+PERMIT+RENEWAL+&mytype=pa
Date:	10/9/2007
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	CONTAIN1 (GPRA UNIT)
Event Description:	RENEWAL - NO CHANGES - FINAL PERMIT RENEWAL (EFFECTIVE)
Doc Link:	
Date:	10/9/2007
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	CONTAIN1 (GPRA UNIT)
Event Description:	RENEWAL - NO CHANGES - PUBLIC COMMENT (END)
Doc Link:	
Date:	10/1/2007
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	CONTAIN1 (GPRA UNIT)
Event Description:	RENEWAL - NO CHANGES - PUBLIC COMMENT (PUBLIC MEETING)
Doc Link:	
Date:	9/12/2007
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	CONTAIN1 (GPRA UNIT)
Event Description:	RENEWAL - NO CHANGES - PUBLIC COMMENT (BEGIN)
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/1075086295/Raytheon%20SAS%5F%20dpermit%2Epdf
Date:	8/17/2007
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	CONTAIN1 (GPRA UNIT)
Event Description:	RENEWAL - NO CHANGES - DRAFT PERMIT RENEWAL

Doc Link:	http://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/5617658317/Raytheon%20SAS%5F%20dpermit%2Epdf
Date:	8/17/2007
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	CONTAIN1 (GPRA UNIT)
Event Description:	RENEWAL - NO CHANGES - FINAL PART A & PART B RECEIVED
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/hwmp_final_documents.asp?global_id=CAD000633230&link_key=9590&document_category=FINAL+PART+A+%26+PART+B+RECEIVED&event_description=Renewal+%2D+No+Changes+%2D+FINAL+PART+A+%26+PART+B+RECEIVED+&mytype=pa
Date:	8/6/2007
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	CONTAIN1 (GPRA UNIT)
Event Description:	RENEWAL - NO CHANGES - TECHNICAL COMPLETE LETTER
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/3619382560/Raytheon%20SAS%5FTechnical%20Completeness%2Epdf
Date:	8/6/2007
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	CONTAIN1 (GPRA UNIT)
Event Description:	RENEWAL - NO CHANGES - FINAL PERMIT RENEWAL (EXPIRES)
Doc Link:	
Date:	1/27/2007
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	CONTAIN1 (GPRA UNIT)
Event Description:	RENEWAL - NO CHANGES - INITIAL ADMINISTRATIVE REVIEW COMPLETED
Doc Link:	
Date:	8/31/2006
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	CONTAIN1 (GPRA UNIT)
Event Description:	RENEWAL - NO CHANGES - APPLICATION PART B RECEIVED
Doc Link:	
Date:	7/31/2006
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	CONTAIN1 (GPRA UNIT)
Event Description:	RENEWAL - NO CHANGES - CALL-IN LETTER ISSUED
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/6264753043/RaytheonSAS%5FCallIn%20%2Epdf
Date:	4/6/2006
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	CONTAIN1 (GPRA UNIT)
Event Description:	RENEWAL - NO CHANGES - FINAL PERMIT RENEWAL (EFFECTIVE)
Doc Link:	
Date:	1/28/1997
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	CONTAIN1 (GPRA UNIT)
Event Description:	RENEWAL - NO CHANGES - FINAL PERMIT RENEWAL
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/https://www.hwmpenvirostor.dtsc.ca.gov/public/site_documents/9279126822/Raytheon%5F1%2Epdf
Date:	12/24/1996
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	CONTAIN1 (GPRA UNIT)
Event Description:	RENEWAL - NO CHANGES - PUBLIC COMMENT (END)
Doc Link:	
Date:	7/29/1996
Activity Type:	Permitted Units - Completed Activities
--	--
Unit:	CONTAIN1 (GPRA UNIT)
Event Description:	RENEWAL - NO CHANGES - PUBLIC COMMENT (BEGIN)
Doc Link:	
Date:	6/14/1996

Activity Type: Permitted Units - Completed Activities
-- --
Unit: CONTAIN1 (GPRA UNIT)
Event Description: RENEWAL - NO CHANGES - FINAL PART A & PART B RECEIVED
Doc Link:
Date: 6/22/1995
Activity Type: Permitted Units - Completed Activities
-- --
Unit: CONTAIN1 (GPRA UNIT)
Event Description: RENEWAL - NO CHANGES - 1ST NOTICE OF DEFICIENCY ISSUED
Doc Link:
Date: 11/18/1994
Activity Type: Permitted Units - Completed Activities
-- --
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - FINAL PERMIT (EXPIRES)
Doc Link:
Date: 6/28/1990
Activity Type: Permitted Units - Completed Activities
-- --
Unit: CONTAIN1 (GPRA UNIT)
Event Description: RENEWAL - NO CHANGES - APPLICATION PART B RECEIVED
Doc Link:
Date: 6/12/1990
Activity Type: Permitted Units - Completed Activities
-- --
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - FINAL PERMIT (EFFECTIVE)
Doc Link:
Date: 6/28/1985
Activity Type: Permitted Units - Completed Activities
-- --
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - FINAL PERMIT
Doc Link:
Date: 6/28/1985
Activity Type: Permitted Units - Completed Activities
-- --
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - PUBLIC COMMENT (END)
Doc Link:
Date: 4/26/1985
Activity Type: Permitted Units - Completed Activities
-- --
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - PUBLIC COMMENT (BEGIN)
Doc Link:
Date: 4/26/1985
Activity Type: Permitted Units - Completed Activities
-- --
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - APPLICATION PART B RECEIVED
Doc Link:
Date: 8/29/1983
Activity Type: Permitted Units - Completed Activities
-- --
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - CALL-IN LETTER ISSUED
Doc Link:
Date: 3/7/1983
Activity Type: Permitted Units - Completed Activities
-- --
Unit: CONTAIN1 (GPRA UNIT)
Event Description: NEW OPERATING PERMIT - APPLICATION PART A RECEIVED
Doc Link:
Date: 11/18/1980
Activity Type: Permitted Units - Completed Activities
-- --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Units Undergoing Closure

--	--
Unit:	NO PERMIT ACTIVITIES HAVE BEEN COMPLETED FOR THIS SITE
Event Description:	
Doc Link:	
Date:	
Activity Type:	Units Undergoing Closure - Completed Activities
--	--

112	2 of 3	SSE	0.74 / 3,926.87	130.32	RAYTHEON SPACE AND AIRBORNE SYSTEMS 2000 E EL SEGUNDO BLVD EL SEGUNDO CA 90245	HWP

EPA ID:	CAD000633230	**Latitude:**	33.911835
Status:	OPERATING PERMIT	**Longitude:**	-118.38942
Facility Type:	Permitted - Operating	**Assembly District:**	62
Facility Size:	Small Storage	**Senate District:**	26
Team:	PHILLIP BLUM	**Public Info Officer:**	
Site Code:	300331	**Public Part Speci:**	
County:	LOS ANGELES	**Project Manager:**	RAMESHWOR KAPHLE

Alias

--	--
Facility Type:	Permitted - Operating
Alias Type:	Project Code (Site Code)
Alias:	300331
--	--
Facility Type:	Permitted - Operating
Alias Type:	FRS
Alias:	110018947826
--	--

Completed Activities

--	--
Facility Type:	Permitted - Operating
Unit Names:	
Event Description:	Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EXPIRES)
Completed Date:	10/08/2017
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - FINAL PERMIT RENEWAL (EXPIRES)
Completed Date:	01/27/2007
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	New Operating Permit - FINAL PERMIT (EXPIRES)
Completed Date:	06/28/1990
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	New Operating Permit - PUBLIC COMMENT (END)
Completed Date:	04/26/1985
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	New Operating Permit - APPLICATION PART A RECEIVED
Completed Date:	11/18/1980
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - PUBLIC COMMENT (END)
Completed Date:	10/01/2007
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - CALL-IN LETTER ISSUED

Completed Date:	04/06/2006
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - FINAL PERMIT RENEWAL
Completed Date:	10/09/2007
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - PUBLIC COMMENT (BEGIN)
Completed Date:	06/14/1996
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - 1ST NOTICE OF DEFICIENCY ISSUED
Completed Date:	11/18/1994
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - FINAL PERMIT RENEWAL
Completed Date:	12/24/1996
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - PUBLIC COMMENT (BEGIN)
Completed Date:	08/17/2007
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	New Operating Permit - APPLICATION PART B RECEIVED
Completed Date:	08/29/1983
--	--
Facility Type:	Permitted - Operating
Unit Names:	
Event Description:	Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION (EFFECTIVE)
Completed Date:	10/22/2013
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - FINAL PART A & PART B RECEIVED
Completed Date:	06/22/1995
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	New Operating Permit - FINAL PERMIT
Completed Date:	06/28/1985
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - INITIAL ADMINISTRATIVE REVIEW COMPLETED
Completed Date:	08/31/2006
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - FINAL PERMIT RENEWAL (EFFECTIVE)
Completed Date:	01/28/1997
--	--
Facility Type:	Permitted - Operating
Unit Names:	
Event Description:	Mod Class 1 - No Prior Approval Required - PUBLIC NOTICE BY PERMITTEE
Completed Date:	12/05/2013
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - FINAL PART A & PART B RECEIVED
Completed Date:	08/06/2007
--	--
Facility Type:	Permitted - Operating

Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	New Operating Permit - CALL-IN LETTER ISSUED
Completed Date:	03/07/1983
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - FINAL PERMIT RENEWAL (EFFECTIVE)
Completed Date:	10/09/2007
--	--
Facility Type:	Permitted - Operating
Unit Names:	
Event Description:	Mod Class 1 - No Prior Approval Required - FINAL PERMIT MODIFICATION
Completed Date:	10/22/2013
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - TECHNICAL COMPLETE LETTER
Completed Date:	08/06/2007
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - APPLICATION PART B RECEIVED
Completed Date:	07/31/2006
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - APPLICATION PART B RECEIVED
Completed Date:	06/12/1990
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	New Operating Permit - PUBLIC COMMENT (BEGIN)
Completed Date:	04/26/1985
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	New Operating Permit - FINAL PERMIT (EFFECTIVE)
Completed Date:	06/28/1985
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - DRAFT PERMIT RENEWAL
Completed Date:	08/17/2007
--	--
Facility Type:	Permitted - Operating
Unit Names:	
Event Description:	Mod Class 1 - No Prior Approval Required - MAILING LIST
Completed Date:	10/22/2013
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - CALL-IN LETTER ISSUED
Completed Date:	10/06/2015
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - FINAL PERMIT RENEWAL (EXPIRES)
Completed Date:	10/08/2017
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - PUBLIC COMMENT (PUBLIC MEETING)
Completed Date:	09/12/2007
--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - PUBLIC COMMENT (END)
Completed Date:	07/29/1996

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

--	--
Facility Type:	Permitted - Operating
Unit Names:	CONTAIN1 (GPRA Unit)
Event Description:	Renewal - No Changes - DTSC MEETING WITH APPLICANT
Completed Date:	08/17/2016
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
112	3 of 3	SSE	0.74 / 3,926.87	130.32	RAYTHEON SPACE AND AIRBORNE SYSTEMS 2000 E EL SEGUNDO BLVD EL SEGUNDO CA 90245	INSP COMP ENF

EPA ID:	CAD000633230
Report URL:	https://www.envirostor.dtsc.ca.gov/public/eerp_profile_report.asp?global_id=3000609
County:	LOS ANGELES
Geotracker Latitude:	33.911835
Geotracker Longitude:	-118.38942

Inspection Information

Inspection Type:	Financial Records Review - Treatment, Storage and Disposal
Inspection Date:	6/28/2001
Violations:	No Violations
Return to Compliance:	

Inspection Type:	Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date:	6/24/2015
Violations:	No Violations
Return to Compliance:	

Inspection Type:	Financial Records Review - Treatment, Storage and Disposal
Inspection Date:	9/23/2015
Violations:	No Violations
Return to Compliance:	

Inspection Type:	Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date:	12/18/2000
Violations:	No Violations
Return to Compliance:	

Inspection Type:	Financial Records Review - Treatment, Storage and Disposal
Inspection Date:	8/29/2012
Violations:	No Violations
Return to Compliance:	

Inspection Type:	Financial Records Review - Treatment, Storage and Disposal
Inspection Date:	11/3/2006
Violations:	No Violations
Return to Compliance:	

Inspection Type:	Financial Records Review - Treatment, Storage and Disposal
Inspection Date:	5/25/2004
Violations:	No Violations
Return to Compliance:	

Inspection Type:	Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date:	11/20/2006
Violations:	No Violations
Return to Compliance:	

Inspection Type:	Financial Records Review - Treatment, Storage and Disposal
Inspection Date:	6/7/2005
Violations:	No Violations
Return to Compliance:	

Inspection Type:	Compliance Evaluation Inspection - Treatment, Storage and Disposal

Inspection Date: 6/21/2012
Violations: No Violations
Return to Compliance:

Inspection Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 1/26/1999
Violations: No Violations
Return to Compliance:

Inspection Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 2/10/2014
Violations: No Violations
Return to Compliance:

Inspection Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 2/22/2006
Violations: No Violations
Return to Compliance:

Inspection Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 2/17/2010
Violations: No Violations
Return to Compliance:

Inspection Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 3/8/2006
Violations: No Violations
Return to Compliance:

Inspection Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 1/28/2010
Violations: No Violations
Return to Compliance:

Inspection Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 6/29/2005
Violations: No Violations
Return to Compliance:

Inspection Type: Compliance Evaluation Inspection - Transporter
Inspection Date: 4/27/2000
Violations: Class 1, Minor
Return to Compliance: 9/6/2002

Inspection Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 7/13/2010
Violations: No Violations
Return to Compliance:

Inspection Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 10/18/2007
Violations: No Violations
Return to Compliance:

Inspection Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 9/28/2007
Violations: No Violations
Return to Compliance:

Inspection Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 1/21/2014
Violations: No Violations
Return to Compliance:

Inspection Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 9/2/2010
Violations: No Violations
Return to Compliance:

Enforcement Information

Enforcement Type: Consent Order with Enforcement and Settlement - Federal CA/FO (385)
Enforcement Date: 9/18/2002

Inspection Enforcement Actions

Activity Type: Consent Order with Enforcement and Settlement - Federal CA/FO (385)
Issued Completed Date: 9/18/2002

Completed Inspections

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 9/28/2007
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 6/28/2001
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 7/13/2010
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 11/3/2006
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 9/23/2015
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 6/7/2005
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 3/8/2006
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 6/29/2005
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Transporter
Inspection Date: 4/27/2000
Violation(s): Class 1, Minor
Return to Compliance: 9/6/2002

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 6/21/2012
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal

Inspection Date: 10/18/2007
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 5/25/2004
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 1/26/1999
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 2/10/2014
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 1/21/2014
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 8/29/2012
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 12/18/2000
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 9/2/2010
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 1/28/2010
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 11/20/2006
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 6/24/2015
Violation(s): No Violations
Return to Compliance:

Activity Type: Financial Records Review - Treatment, Storage and Disposal
Inspection Date: 2/17/2010
Violation(s): No Violations
Return to Compliance:

Activity Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Inspection Date: 2/22/2006
Violation(s): No Violations
Return to Compliance:

Permitting

Site Facility Type: CLOSED

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Site Code:
Assembly District: 22
Senate District: 13
Facility Type: HIST PERMITTED
Program Type: HAZARDOUS WASTE FACILITY
Facility History:

Key Permit Activities LAST APPROVED PERMIT(S) Renewal - No Changes - Effective: 10/09/2007 SHOW/HIDE DETAILS Units: CONTAIN1 (GPRA Unit) Event Completed VIEW CALL-IN LETTER ISSUED 4/6/2006 APPLICATION PART B RECEIVED 7/31/2006 INITIAL ADMINISTRATIVE REVIEW COMPLETED 8/31/2006 VIEW FINAL PART A & PART B RECEIVED 8/6/2007 VIEW TECHNICAL COMPLETE LETTER 8/6/2007 VIEW PUBLIC COMMENT(BEGIN) 8/17/2007 VIEW DRAFT PERMIT RENEWAL 8/17/2007 PUBLIC COMMENT(PUBLIC MEETING) 9/12/2007 PUBLIC COMMENT(END) 10/1/2007 VIEW FINAL PERMIT RENEWAL 10/9/2007 FINAL PERMIT RENEWAL(EFFECTIVE) 10/9/2007 IN PROGRESS PERMIT(S) Renewal - No Changes SHOW/HIDE DETAILS Units: CONTAIN1 (GPRA Unit) Event Completed VIEW CALL-IN LETTER ISSUED 10/6/2015 VIEW DTSC MEETING WITH APPLICANT 8/17/2016

113	1 of 2	E	0.75 / 3,981.03	100.45	**WISEBURN HIGH SCHOOL - CAMPUS** **827 NORTH DOUGLAS STREET** **EL SEGUNDO CA 90245**	ENVIROSTOR

Estor/EPA ID: 60001621
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF 10/11/2012
Site Code: 304639
Site Type: SCHOOL
Potential Media Affected: OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Past Uses Caused Contam: AEROSPACE MANUFACTURING/MAINTENANCE
APN: 4138-030-009, 4138-030-010, 4138-030-011, 4138-030-012, 4138-030-013, 4138-030-014, 4138-030-015, 4138-030-023, 4138-030-024, 4138-030-025
National Priorities List: NO
Cleab up Oversight Agenci: DTSC - SITE CLEANUP PROGRAM - LEAD
Special Program:
Funding: SCHOOL DISTRICT
Acres: 12.5 ACRES
School District: WISEBURN ELEMENTARY SCHOOL DISTRICT
Assembly District: 62
Senate District: 26
Zip: 90245
Potential Contaminants:

BENZENE
LEAD
METHANE
NATURALLY OCCURRING ASBESTOS (NOA)
POLYCHLORINATED BIPHENYLS (PCBS)
TPH-DIESEL

Site History:

The Site is a prospective site for a new high school. The Site was formerly an aerospace manufacturing facility: Northern American Aviation Co. (1950 through the late 1960s) and Rockwell International (late 1960s through 1990). Currently, the Site is vacant and undeveloped with the exception of interior drives, curbing, and limited parkway-type landscaping. The Site is approximately 12.5 acres of a larger, roughly 46-acre parcel and is bounded by N. Douglas St. to the east, E. Mariposa Ave. to the south, and E. Maple Ave. to the north.

A PEA workplan was developed for the site and approved by DTSC for implementation.

Due to foreseeable issues with the site, the District decided to move forward with a different and more suitable location for the development of the proposed school site. They requested to teminate the EOA agreement.

Facility Information
-- --
Program Type: SCHOOL EVALUATION
Status: INACTIVE - NEEDS EVALUATION
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=60001621
-- --
Completed Activities
-- --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Doc Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001621&doc_id=60295891
Area Name:
Sub Area:
Document Type: Preliminary Endangerment Assessment Workplan
Date Completed: 7/30/2012
Comments: DTSC approved the PEA Workplan. Response to comments were acceptable.
Activity Type: Completed Activities
-- --
Doc Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001621&enforcement_id=60290867
Area Name:
Sub Area:
Document Type: Environmental Oversight Agreement
Date Completed: 2/13/2012
Comments: Fully executed EOA sent (FedEx) to District.
Activity Type: Completed Activities
-- --

113	2 of 2	E	0.75 / 3,981.03	100.45	WISEBURN HIGH SCHOOL - CAMPUS 827 NORTH DOUGLAS STREET EL SEGUNDO CA 90245	SCH

ESTOR/EPA ID: 60001621
Site Code: 304639
Status: INACTIVE - NEEDS EVALUATION
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF 10/11/2012
Program Type: SCHOOL EVALUATION
Site Type: SCHOOL
National Priorities List: NO
Cl Up Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD
County: LOS ANGELES
Special Program:
Funding: SCHOOL DISTRICT
APN: 4138-030-009, 4138-030-010, 4138-030-011, 4138-030-012, 4138-030-013, 4138-030-014, 4138-030-015, 4138-030-023, 4138-030-024, 4138-030-025
Past Use Caused Contam: AEROSPACE MANUFACTURING/MAINTENANCE
Potential Contam of Cncrn: BENZENE; LEAD; METHANE; NATURALLY OCCURRING ASBESTOS (NOA); POLYCHLORINATED BIPHENYLS (PCBS); TPH-DIESEL
Potential Media Affected: OTHER GROUNDWATER AFFECTED (USES OTHER THAN DRINKING WATER), SOIL, SOIL VAPOR
Acres: 12.5 ACRES
School District: WISEBURN ELEMENTARY SCHOOL DISTRICT
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=60001621
Assembly District: 62
Senate District: 26
Latitude: 33.9228612
Longitude: -118.3832934
SITE HISTORY:

The Site is a prospective site for a new high school. The Site was formerly an aerospace manufacturing facility: Northern American Aviation Co. (1950 through the late 1960s) and Rockwell International (late 1960s through 1990). Currently, the Site is vacant and undeveloped with the exception of interior drives, curbing, and limited parkway-type landscaping. The Site is approximately 12.5 acres of a larger, roughly 46-acre parcel and is bounded by N. Douglas St. to the east, E. Mariposa Ave. to the south, and E. Maple Ave. to the north.

A PEA workplan was developed for the site and approved by DTSC for implementation.

Due to foreseeable issues with the site, the District decided to move forward with a different and more suitable location for the development of the proposed school site. They requested to teminate the EOA agreement.

Completed Activities

Date Completed: 7/30/2012 **Area Name:**
Document Type: Preliminary Endangerment Assessment Workplan **Sub Area:**
Doc Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001621&doc_id=60295891
Comments: DTSC approved the PEA Workplan. Response to comments were acceptable.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Date Completed: 2/13/2012 **Area Name:**
Document Type: Environmental Oversight Agreement **Sub Area:**
Doc Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=60001621&enforcement_id=60290867
Comments: Fully executed EOA sent (FedEx) to District.

114	1 of 1	NE	0.80 / 4,249.92	100.45	SPERRY GYROSCOPE CORP EL SEGUNDO CA	ENVIROSTOR

Estor/EPA ID: 80000842
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF 7/1/2005
Site Code:
Site Type: FUDS
Potential Media Affected: NONE SPECIFIED
Past Uses Caused Contam: NONE SPECIFIED
APN: NONE SPECIFIED
National Priorities List: NO
Cleab up Oversight Agenci: DTSC - SITE CLEANUP PROGRAM - LEAD
Special Program:
Funding: DERA
Acres: NONE SPECIFIED
School District:
Assembly District: 62
Senate District: 26
Zip:
Potential Contaminants:

Site History:

Facility Information
-- --
Program Type: MILITARY EVALUATION
Status: INACTIVE - NEEDS EVALUATION
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=80000842
-- --
Completed Activities
-- --
Doc Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80000842&doc_id=5011155
Area Name:
Sub Area:
Document Type: Inventory Project Report (INPR)
Date Completed: 9/21/1999
Comments:
Activity Type: Completed Activities
-- --

115	1 of 1	ENE	0.82 / 4,315.85	103.45	NORTHROP GRUMMAN CORP (WC) 800 NO DOUGLAS LOS ANGELES CA 90250	ENVIROSTOR

Estor/EPA ID: 80001311
Cleanup Status: * INACTIVE AS OF 1/1/2008
Site Code:
Site Type: CORRECTIVE ACTION
Potential Media Affected: NONE SPECIFIED
Past Uses Caused Contam: NONE SPECIFIED
APN: NONE SPECIFIED
National Priorities List: NO
Cleab up Oversight Agenci: DTSC - SITE CLEANUP PROGRAM
Special Program:
Funding:
Acres: 0 ACRES
School District:
Assembly District: 62
Senate District: 26

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Zip: 90250
Potential Contaminants:

Site History:

Facility Information
-- --
Program Type: CORRECTIVE ACTION
Status: * INACTIVE
Summary Link: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=80001311
-- --
Completed Activities
-- --
Doc Link: http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001311&doc_id=6029267
Area Name:
Sub Area:
Document Type: FAST Review Checklist
Date Completed: 1/19/2010
Comments:
Activity Type: Completed Activities
-- --
Doc Link:
Area Name:
Sub Area:
Document Type: Interim Measures Questionnaire
Date Completed: 3/27/1992
Comments:
Activity Type: Completed Activities
-- --
Doc Link:
Area Name:
Sub Area:
Document Type: Preliminary Assessment Report
Date Completed: 5/21/1990
Comments:
Activity Type: Completed Activities
-- --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
116	1 of 1	WSW	0.82 / 4,332.76	100.42	STANDARD OIL CO. EL SEGUNDO CA	ENVIROSTOR

Estor/EPA ID: 80001144
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF 7/1/2005
Site Code:
Site Type: FUDS
Potential Media Affected: NONE SPECIFIED
Past Uses Caused Contam: NONE SPECIFIED
APN: NONE SPECIFIED
National Priorities List: NO
Cleab up Oversight Agenci: DTSC - SITE CLEANUP PROGRAM - LEAD
Special Program:
Funding: DERA
Acres: NONE SPECIFIED
School District:
Assembly District: 62
Senate District: 26
Zip:
Potential Contaminants:

Site History:

Facility Information
-- --
Program Type: MILITARY EVALUATION
Status: INACTIVE - NEEDS EVALUATION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB

Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=80001144
--	--
Completed Activities	
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80001144&doc_id=5011385
Area Name:	
Sub Area:	
Document Type:	Inventory Project Report (INPR)
Date Completed:	7/1/1999
Comments:	
Activity Type:	Completed Activities
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev (ft)	Site	DB
117	1 of 1	WSW	0.93 / 4,906.15	97.81	AME ROCKWEL EL SEG AUXILIARY LOS ANGELES CA	ENVIROSTOR

Estor/EPA ID:	80000112
Cleanup Status:	INACTIVE - NEEDS EVALUATION AS OF 7/1/2005
Site Code:	
Site Type:	FUDS
Potential Media Affected:	NONE SPECIFIED
Past Uses Caused Contam:	NONE SPECIFIED
APN:	NONE SPECIFIED
National Priorities List:	NO
Cleab up Oversight Agenci:	DTSC - SITE CLEANUP PROGRAM - LEAD
Special Program:	
Funding:	DERA
Acres:	NONE SPECIFIED
School District:	
Assembly District:	62
Senate District:	26
Zip:	
Potential Contaminants:	
Site History:	
Facility Information	
--	--
Program Type:	MILITARY EVALUATION
Status:	INACTIVE - NEEDS EVALUATION
Summary Link:	http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=80000112
--	--
Completed Activities	
--	--
Doc Link:	http://www.envirostor.dtsc.ca.gov/public/final_documents2.asp?global_id=80000112&doc_id=5010951
Area Name:	
Sub Area:	
Document Type:	Inventory Project Report (INPR)
Date Completed:	6/10/1993
Comments:	
Activity Type:	Completed Activities
--	--

Unplottable Summary

Total: 10 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
CHMIRS	Citizen	Sepulveda Blvd.	El Segundo CA		821851220
ERNS		SEPULVEDA BLVD AND MAPLE ST.	EL SEGUNDO CA		806998998
ERNS		SEPULVEDA BLVD NEAR SUNSET BLVD.	LOS ANGELES CA		807153239
FINDS/FRS	CSFM 0334 VENTURA 10	SEPULVEDA BLVD.	EL SEGUNDO CA	90245	840152489
FINDS/FRS	AMERICAN RENOLIT CORP LA	6900 E ELM ST	LOS ANGELES CA	90040-2625	816462845
FINDS/FRS	CALTRANS	SEPULVEDA BLVD	MANHATTAN BEACH CA	90267	816594829
HAZNET	1X CITY OF EL SEGUNDO	611 HOLLY AVE	EL SEGUNDO CA	902450000	826237223
HAZNET	CALTRANS	SEPULVEDA BLVD	MANHATTAN BEACH CA	902670000	826579419
HMIRS		SOUTH SEPULVEDA BLVD	EL SEGUNDO CA		818166531
RCRA SQG	CALTRANS	SEPULVEDA BLVD MARING AVE TO EL SEGUNDO BLVD	MANHATTAN BEACH CA	90267	810619047

Unplottable Report

Site: ***Citizen***
Sepulveda Blvd. El Segundo CA

CHMIRS

ID:	02-6104	***Notified Date:***	11/10/200206:47:19 PM
Control No:	02-6104	***Notified Date Time:***	
Year:	2002	***County:***	Los Angeles County

California Hazardous Material
Incident Report System

--	--
Contained:	Unknown
Water Involved:	No
Water Way:	
Drinking Water Impacted:	
Known Impact:	
Incident Date:	11/10/200212:00:00 AM
Incident Time:	
Spill Site:	
Injuries?:	
Injuries Number:	0
Fatals?:	
Fatals Number:	0
Evacs?:	
Evacs Number:	0
Clean Up:	N/A
Admin Agency:	El Segundo Fire Department
Site:	Refinery
Cause:	
DOG Number:	
1 Substance:	
1 Quantity:	
1 Measure:	
1 Type:	
1 Other:	
1 Pipeline:	
1 Vessel >= 300 Tons:	
2 Substance:	
2 Quantity:	
2 Measure:	
2 Type:	
2 Other:	
2 Pipeline:	
2 Vessel >= 300 Tons:	
3 Substance:	
3 Quantity:	
3 Measure:	
3 Type:	
3 Other:	
3 Pipeline:	
3 Vessel >= 300 Tons:	
Barrels:	0
Cups:	0
Cubic Ft:	0
Gallons:	0.000000
Grams:	0
Lbs:	0
Liters:	0
Ozs:	0
Pts:	0
Qts:	0
Sheen:	0

Tons:	0
Unknown:	0
Cause Other:	
Notification Area:	
Description:	
--	--

Site:

SEPULVEDA BLVD AND MAPLE ST. EL SEGUNDO CA ERNS

NRC Report Number:	56082
Type Of Incident:	FIXED
Desc Remedial Action:	SORBENTS APPLIED.
Description Of Incident:	BELOW GROUND STORAGE TANK / TRUCK STRUCK TURBINE PUMP
Release Secured:	
Release Rate:	
Date Received:	1/22/1991 3:47:36 PM
Incident Cause:	OPERATOR ERROR
Incident Date:	1/21/1991 9:00:00 AM
Incident Location:	
State Agency Notified:	
Federal Agency Notified:	
State Agency On Scene:	
State Agency Report Num:	
Responsible Company:	UNOCAL
Estima Duration of Release:	
Responsible Org Type:	PRIVATE ENTERPRISE
Responsible City:	CITY OF INDUSTRY
Responsible State:	CA
Responsible Zip:	91748
Fire Involved:	N
Fire Extinguished:	
Any Evacuations:	N
Who Evacuated:	
Radius Of Evacuation:	
Any Injuries:	U
Number Injured:	
Any Fatalities:	U
Number Fatalities:	
Any Damages:	N
Damage Amount:	
Employee Fatality:	
Passenger Fatality:	
Occupant Fatality:	
Air Corridor Closed:	
Air Corridor Desc:	
Air Closure Time:	
Waterway Corridor Closed:	
Waterway Corridor Desc:	
Waterway Closure Time:	
Road Closed:	
Road Desc:	
Road Closure Time:	
Major Artery:	
Track Closed:	
Track Desc:	
Track Closure Time:	
Media Interest:	
Medium Desc:	LAND
Additional Medium Info:	SOIL
Body Of Water:	
Tributary Of:	
Weather Conditions:	
Air Temperature:	
Wind Speed:	
Wind Direction:	
Water Supply Contamin:	
Nearest River Mile Marker:	
Passengers Transferred:	UNK
Community Impact:	

Additional Info:

Material Spill Information

--	--
CHRIS Code:	ODS
CAS Number:	
UN Number:	
Amount Of Material:	30
Unit Of Material:	GALLON(S)
Name Of Material:	OIL: DIESEL
If Reached Water:	YES
Amount In Water:	0
Unit Of Measure Reach Water:	NONE
--	--

Site:

SEPULVEDA BLVD NEAR SUNSET BLVD. LOS ANGELES CA ERNS

NRC Report Number:	37272
Type Of Incident:	PIPELINE
Desc Remedial Action:	COMPANY CREWS ISOLATED AND REPAIRED THE PIPELINE.
Description Of Incident:	26" TRANSMISSION PIPELINE / 3RD PARTY STRUCK PIPELINE WITH HEAVYEQUIPMENT AND RUPTURED IT.
Release Secured:	U
Release Rate:	
Date Received:	8/28/1990 12:06:36 PM
Incident Cause:	OPERATOR ERROR
Incident Date:	8/4/1990 1:55:00 PM
Incident Location:	
State Agency Notified:	
Federal Agency Notified:	
State Agency On Scene:	
State Agency Report Num:	
Responsible Company:	SOUTHERN CA. GAS COMPANY
Estima Duration of Release:	
Responsible Org Type:	PUBLIC UTILITY
Responsible City:	LOS ANGELES
Responsible State:	CA
Responsible Zip:	90017
Fire Involved:	N
Fire Extinguished:	U
Any Evacuations:	Y
Who Evacuated:	
Radius Of Evacuation:	
Any Injuries:	U
Number Injured:	
Any Fatalities:	U
Number Fatalities:	
Any Damages:	Y
Damage Amount:	68000
Employee Fatality:	
Passenger Fatality:	
Occupant Fatality:	
Air Corridor Closed:	N
Air Corridor Desc:	
Air Closure Time:	
Waterway Corridor Closed:	N
Waterway Corridor Desc:	
Waterway Closure Time:	
Road Closed:	N
Road Desc:	
Road Closure Time:	
Major Artery:	N
Track Closed:	N
Track Desc:	
Track Closure Time:	
Media Interest:	
Medium Desc:	AIR
Additional Medium Info:	AIR
Body Of Water:	

Tributary Of:	
Weather Conditions:	
Air Temperature:	
Wind Speed:	
Wind Direction:	
Water Supply Contamin:	U
Nearest River Mile Marker:	
Passengers Transferred:	UNK
Community Impact:	N
Additional Info:	2 NEARBY BUSINESSES WERE EVACUATED.REPORT DOES NOT MEET REQUIREMENTS FOR NOTIFICATION.

Material Spill Information

--	--
CHRIS Code:	ONG
CAS Number:	
UN Number:	
Amount Of Material:	0
Unit Of Material:	UNKNOWN AMOUNT
Name Of Material:	NATURAL GAS
If Reached Water:	YES
Amount In Water:	0
Unit Of Measure Reach Water:	NONE
--	--

Site: ***CSFM 0334 VENTURA 10***
SEPULVEDA BLVD. EL SEGUNDO CA 90245 FINDS/FRS

Registry ID:	110065869527
FIPS Code:	
Program Acronyms:	CA-ENVIROVIEW
HUC Code:	
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	
Source:	
County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	
Create Date:	13-OCT-2015 15:49:30
Census Block Code:	
Update Date:	
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	
Longitude:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Reference Point:	
Interest Types:	STATE MASTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110065869527

Site: ***AMERICAN RENOLIT CORP LA***
6900 E ELM ST LOS ANGELES CA 90040-2625 FINDS/FRS

Registry ID:	110009547320
FIPS Code:	06037
Program Acronyms:	CA-CERS, CA-ENVIROVIEW, EIS, RCRAINFO, TRIS
HUC Code:	18070105

Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	FRS-TRIS
Source:	
County Name:	LOS ANGELES
SIC Codes:	3081
SIC Code Descriptions:	UNSUPPORTED PLASTICS FILM AND SHEET
NAICS Codes:	326113
Federal Facility Code:	
NAICS Code Descriptions:	UNLAMINATED PLASTICS FILM AND SHEET (EXCEPT PACKAGING) MANUFACTURING.
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	34
Create Date:	01-MAR-2000 00:00:00
Census Block Code:	060375323033066
Update Date:	13-JUN-2016 17:32:13
Location Description:	
Supplemental Location:	
Tribal Land Code:	
Tribal Land Name:	
Latitude:	33.99084
Longitude:	-118.13381
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Reference Point:	CENTER OF A FACILITY OR STATION
Interest Types:	AIR EMISSIONS CLASSIFICATION UNKNOWN, SQG, STATE MASTER, TRI REPORTER
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110009547320

Site: ***CALTRANS***
SEPULVEDA BLVD MANHATTAN BEACH CA 90267

FINDS/FRS

Registry ID:	110008287950
FIPS Code:	06037
Program Acronyms:	RCRAINFO
HUC Code:	
Site Type Name:	STATIONARY
EPA Region Code:	09
Conveyor:	
Source:	
County Name:	LOS ANGELES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
Federal Facility Code:	
NAICS Code Descriptions:	
Federal Agency Name:	
US/Mexico Border Ind:	
Congressional Dist No:	
Create Date:	01-MAR-2000 00:00:00
Census Block Code:	
Update Date:	26-JAN-2012 13:26:37
Location Description:	
Supplemental Location:	MARING AVE TO EL SEGUNDO BLVD
Tribal Land Code:	
Tribal Land Name:	
Latitude:	
Longitude:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Reference Point:	
Interest Types:	SQG
Facility Detail Rprt URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110008287950

Site: ***1X CITY OF EL SEGUNDO***
611 HOLLY AVE EL SEGUNDO CA 902450000

HAZNET

SIC Code:		***Mailing City:***	EL SEGUNDO
NAICS Code:		***Mailing State:***	CA
EPA ID:	CAD000320754	***Mailing Zip:***	902450000
Create Date:	12/31/1986	***Region Code:***	3
Fac Act Ind:	No	***Owner Name:***	--
Inact Date:	12/31/1899	***Owner Addr 1:***	--
County Code:	19	***Owner Addr 2:***	
County Name:	Los Angeles	***Owner City:***	--
Mail Name:		***Owner State:***	99
Mailing Addr 1:	--	***Owner Zip:***	--
Mailing Addr 2:		***Owner Phone:***	0000000000
Owner Fax:			

Contact Information

--	--
Contact Name:	JACK HILTON
Street Address 1:	--
Street Address 2:	
City:	--
State:	99
Zip:	--
Phone:	2133223769

Site: ***CALTRANS***
SEPULVEDA BLVD MANHATTAN BEACH CA 902670000

HAZNET

SIC Code:		***Mailing City:***	LOS ANGELES
NAICS Code:		***Mailing State:***	CA
EPA ID:	CAR000057604	***Mailing Zip:***	900450000
Create Date:	4/25/2000	***Region Code:***	3
Fac Act Ind:	No	***Owner Name:***	CALTRANS
Inact Date:	6/30/2000	***Owner Addr 1:***	9100 S SEPULVEDA BLVD STE 200
County Code:	19	***Owner Addr 2:***	
County Name:	Los Angeles	***Owner City:***	LOS ANGELES
Mail Name:	DAVID NJOYA/R E	***Owner State:***	CA
Mailing Addr 1:	9100 S SEPULVEDA BLVD STE 200	***Owner Zip:***	900450000
Mailing Addr 2:		***Owner Phone:***	0000000000
Owner Fax:			

Contact Information

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Contact Name:	DAVID NJOYA/R E
Street Address 1:	INAC PER VQ01,MB
Street Address 2:	
City:	--
State:	99
Zip:	--
Phone:	3106491821
--	--

Tanner Information

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Generator EPA ID:	CAR000057604
Generator County Code:	19
Generator County:	Los Angeles
TSD EPA ID:	CAT000646117
TSD County Code:	16
TSD County:	Kings
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	T01
Method Description:	Treatment, tank
Tons:	6.7424
Year:	2000

Site:
SOUTH SEPULVEDA BLVD EL SEGUNDO CA

HMIRS

Report No:	I-1990010544	***Fd DOT Rep No:***	

NRC No:		***Incident Cnty:***	LOS ANGELES
Date of Incident:	12/29/1989	***Incident Occrrnce:***	
Time of Incident:	0850		
Fed DOT Agency Name:			
Report Type:	A hazardous material incident		
Description of Events:	AFTER PRODUCT WAS LOADED INTO CARGO TANK DRIVER PROCEEDED TO SCALE. WHEN DRIVER STOPPED AT SCALE APPROXIMATELY ONE (1) GALLON OF PRODUCT SPILLED OUT OF THE CARGO TANK DOME DUE TO THE CARGO TANK DOME BEING IMPROPERLY SEATED WHEN CLOSED. PRODUCT NEUTRALIZED AND DISPOSED OF BY SHIPPER.		
Recom Actions Taken:			

Carrier Information

--	--
Name:	NUBULK SERV INC
Street Name:	102 PIKERING WAY
City:	EXTON
State:	PA
Postal Code:	19341
Non US State:	
Country:	US
Fed Dot ID:	0
Hazmat Reg ID:	
Mode of Transportation:	Highway
Transportation Phase:	LOADING
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Contact Information

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Name:	WENDY L PERILLO
Title:	ASST TO DIR SAFETY &MAINT
Business Name:	
Street:	
City:	
State:	
Postal Code:	
Non US State:	
Country:	US
--	--

Detail Information

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Commodity Name:	SULFURIC ACID
Technical Trade Name:	MIGHTY-DRANE
Identification Number:	UN1830
Hazardous Class Code:	8
Hazardous Class:	CORROSIVE MATERIAL
Quantity Released:	1
Unit of Measure:	LGA
Hazmat Waste Indicator:	No
Hazmat Waste EPA Number:	
HMIS Toxic by Inhalation Ind:	No
TIH Hazard Zone:	
Failure Cause Description:	
Spillage Result Ind:	Yes
Fire Result Ind:	No
Explosion Result Ind:	No
Water Sewer Result Ind:	No
Gas Dispersion Result Ind:	No
Environ Damage Result:	No
No Release Result Ind:	No
Fire EMS Report Ind:	No
Fire EMS Report No:	
Police Report Ind:	No
Police Report No:	
In House Cleanup Ind:	No
Other Cleanup Ind:	No
Damage More Than 500:	No
Property Damage:	0
Remediation Cleanup Cost:	100
Total Hazmat Fatalities:	0
Total Hazmat Injuries:	0
Total Evacuated:	0
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Site: ***CALTRANS***
SEPULVEDA BLVD MARING AVE TO EL SEGUNDO BLVD MANHATTAN BEACH CA 90267

RCRA SQG

County Name:	LOS ANGELES
County Code:	CA037
EPA Handler ID:	CAR000057604
Current Site Name:	CALTRANS
Generator Status Universe:	Small Quantity Generator
Land Type:	State
Activity Location:	CA
TSD Activity:	No
Mixed Waste Generator:	No
Importer Activity:	No
Transporter Activity:	No
Transfer Facility:	No
Recycler Activity:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Inject Activity:	No
Rece Waste From Off Site:	No
Used Oil Transporter:	
Used Oil Transfer Facility:	
Used Oil Processor:	
Used Oil Refiner:	
Used Oil Burner:	
Used Oil Market Burner:	
Used Oil Spec Marketer:	
Mailing Address:	5534 WESTLAWN AVE, LOS ANGELES, CA, 90066,
Contact Name:	DAVID NJOYA
Contact Address:	5534 WESTLAWN AVE, LOS ANGELES, CA, 90066, US
Contact Email:	
Location Street 2:	MARING AVE TO EL SEGUNDO BLVD
--	--
Owner/Operator Information	
--	--
Owner/Operator Indicator:	CO
Owner/Operator Name:	CALTRANS
Owner/Operator Address:	5534 WESTLAWN AVE LOS ANGELES CA 90066
Owner/Operator Phone:	3105779605
Owner/Operator Type:	S
Date Became Current:	
Date Ended Current:	
--	--
Handler Information	
--	--
Date Received:	19990930
Facility Name:	CALTRANS
Classification:	Small Quantity Generator
--	--
Date Received:	19990930
Facility Name:	CALTRANS
Classification:	Large Quantity Generator
--	--
Hazardous Waste Information	
--	--
Waste Code:	D000
Waste:	DESCRIPTION
Waste Code Active Status:	No
BR Waste Code Active Status:	No
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Waste Code:	D008
Waste:	LEAD
Waste Code Active Status:	Yes
BR Waste Code Active Status:	Yes
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Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

Government Publication Date: Nov 7, 2016

National Priority List - Proposed: PROPOSED NPL

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

Government Publication Date: Nov 7, 2016

Deleted NPL: DELETED NPL

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.

Government Publication Date: Nov 7, 2016

SEMS List 8R Active Site Inventory: SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Dec 5, 2016

SEMS List 8R Archive Sites: SEMS ARCHIVE

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Dec 5, 2016

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means 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). 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.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info 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. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Dec 12, 2016

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info 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. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Dec 12, 2016

RCRA Generator List: RCRA LQG

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Dec 12, 2016

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Dec 12, 2016

RCRA Conditionally Exempt Small Quantity Generators List: RCRA CESQG

RCRA Info is the 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Conditionally Exempt Small Quantity Generators (CESQG) generate 100 kilograms or less per month of hazardous waste or one kilogram or less per month of acutely hazardous waste.

Government Publication Date: Dec 12, 2016

RCRA Non-Generators: RCRA NON GEN

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Dec 12, 2016

Federal Engineering Controls-ECs: FED ENG

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 20, 2016

Federal Institutional Controls- ICs: FED INST

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: Jan 20, 2016

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Oct 7, 2015

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

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 protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Feb 3, 2017

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 6, 2016

State

State Response Sites: RESPONSE

A list of identified confirmed release sites where the Department of Toxic Substances Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. This database is state equivalent NPL.

Government Publication Date: Jan 28, 2017

EnviroStor Database: ENVIROSTOR

The EnviroStor Data Management System is made available by the Department of Toxic Substances Control (DTSC). Includes Corrective Action sites, Tiered Permit sites, Historical Sites and Evaluation/Investigation sites. This database is state equivalent CERCLIS.

Government Publication Date: Nov 28, 2016

Delisted EnviroStor Database: DELISTED ENVS

Sites removed from the list of facilities made available by the EnviroStor Data Management System, Department of Toxic Substances Control (DTSC).

Government Publication Date: Jan 28, 2017

Solid Waste Information System (SWIS): SWF/LF

The Solid Waste Information System (SWIS) database made available by the Department of Resources Recycling and Recovery (CalRecycle) contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

Government Publication Date: Jan 16, 2017

EnviroStor Hazardous Waste Facilities: HWP

A list of hazardous waste facilities including permitted, post-closure and historical facilities found in the Department of Toxic Substances Control (DTSC) EnviroStor database.

Government Publication Date: Jan 12, 2017

Land Disposal Sites: LDS

Land Disposal Sites in GeoTracker, the State Water Resources Control Board (SWRCB)'s data management system. The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units. Waste management units include waste piles, surface impoundments, and landfills.

Government Publication Date: Nov 17, 2016

Leaking Underground Fuel Tank Reports: LUST

List of Leaking Underground Storage Tanks within the Cleanup Sites data in GeoTracker database. GeoTracker is the State Water Resources Control Board's (SWRCB) data management system for managing sites that impact groundwater, especially those that require groundwater cleanup (Underground Storage Tanks, Department of Defense and Site Cleanup Program) as well as permitted facilities such as operating Underground Storage Tanks. The Leak Prevention Program that overlooks LUST sites is the SWRCB in California's Environmental Protection Agency.

Government Publication Date: Dec 09, 2016

Delisted Leaking Storage Tanks: DLST

List of Leaking Underground Storage Tanks (LUST) cleanup sites removed from GeoTracker, the State Water Resources Control Board (SWRCB)'s database system, as well as sites removed from the SWRCB's list of UST Case closures.

Government Publication Date: Jan 16, 2017

Permitted Underground Storage Tank (UST) in GeoTracker: UST

List of Permitted Underground Storage Tank (UST) sites made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2017

Aboveground Storage Tanks: AST

A statewide list from 2009 of aboveground storage tanks (ASTs) made available by the Cal FIRE Office of the State Fire Marshal (OSFM). This list is no longer maintained or updated by the Cal FIRE OSFM.

Government Publication Date: Aug 31, 2009

Delisted Storage Tanks: DELISTED TNK

This database contains a list of storage tank sites that were removed by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA) and the Cal FIRE Office of State Fire Marshal (OSFM).

Government Publication Date: Jan 30, 2017

Proposed Closure of Underground Storage Tank Cases: UST CLOSURE

List of UST cases that are being considered for closure by either the California Environmental Protection Agency, State Water Resources Control Board or the Executive Director that have been posted for a 60-day public comment period.

Government Publication Date: Jan 16, 2017

Historical Hazardous Substance Storage Information Database: HHSS

The Historical Hazardous Substance Storage database contains information collected in the 1980s from facilities that stored hazardous substances. The information was originally collected on paper forms, was later transferred to microfiche, and recently indexed as a searchable database. When using this database, please be aware that it is based upon self-reported information submitted by facilities which has not been independently verified. It is unlikely that every facility responded to the survey and the database should not be expected to be a complete inventory of all facilities that were operating at that time. This database is maintained by the California State Water Resources Control Board's (SWRCB) Geotracker.

Government Publication Date: Aug 27, 2015

Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use Restrictions: LUR

The Department of Toxic Substances Control (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 land use restrictions that are active. Some sites have multiple land use restrictions.

Government Publication Date: Oct 06, 2016

Hazardous Waste Management Program Facility Sites with Deed / Land Use Restrictions: HLUR

The Department of Toxic Substances Control (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.

Government Publication Date: Jan 11, 2017

Deed Restrictions and Land Use Restrictions: DEED

List of Deed Restrictions, Land Use Restrictions and Covenants in GeoTracker made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency. A deed restriction (land use covenant) may be required to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to residual hazardous materials.

Government Publication Date: Nov 15, 2016

Voluntary Cleanup Program: VCP

List of sites in the Voluntary Cleanup Program made available by the Department of Toxic Substances and Control (DTSC). The Voluntary Cleanup Program was designed to respond to lower priority sites. Under the Voluntary Cleanup Program, DTSC enters site-specific agreements with project proponents for DTSC oversight of site assessment, investigation, and/or removal or remediation activities, and the project proponents agree to pay DTSC's reasonable costs for those services.

Government Publication Date: Jan 13, 2017

GeoTracker Cleanup Sites Data: CLEANUP SITES

A list of cleanup sites in the state of California made available by The State Water Resources Control Board (SWRCB) of the California Environmental Protection Agency (EPA). SWRCB tracks leaking underground storage tank cleanups as well as other water board cleanups.

Government Publication Date: Dec 09, 2016

Tribal

Leaking Underground Storage Tanks (LUSTs) on Indian Lands: INDIAN LUST

LUSTs on Tribal/Indian Lands in Region 9, which includes California.

Government Publication Date: Apr 11, 2016

Underground Storage Tanks (USTs) on Indian Lands: INDIAN UST

USTs on Tribal/Indian Lands in Region 9, which includes California.

Government Publication Date: Apr 11, 2016

Delisted Tribal Leaking Storage Tanks: DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Apr 26, 2016

Delisted Tribal Underground Storage Tanks: DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Nov 09, 2016

County

Delisted County Records: DELISTED COUNTY

Records removed from county or CUPA databases. Records may be removed from the county lists made available by the respective county departments because they are inactive, or because they have been deemed to be below reportable thresholds.

Government Publication Date: Feb 14, 2017

Los Angeles County - Burbank City CUPA List: BURBANK CUPA

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the City of Burbank. This list is made available by the City of Burbank Fire Department.

Government Publication Date: Jan 26, 2017

Los Angeles County - El Segundo City Underground Storage Tanks List: ELSEGUNDO UST

A list of all registered Underground Storage Tanks (USTs) in the City of El Segundo of Los Angeles County. The list is made available by El Segundo City Fire Department.

Government Publication Date: Jan 17, 2017

Los Angeles County - Santa Fe Springs Underground Storage Tank: SANTAFESP UST

A list of registered active Underground Storage Tanks (USTs) in the City of Santa Fe Springs. This list is made available by Santa Fe Springs Department of Fire-Rescue.

Government Publication Date: Jul 26, 2016

Los Angeles County - Santa Monica City Aboveground Storage Tank List: SANTAMON AST

A list of all registered Aboveground Storage Tanks (ASTs) in the City of Santa Monica of Los Angeles County. The list is made available by Santa Monica Fire Department.

Government Publication Date: Nov 29, 2016

Los Angeles County - Santa Monica City CUPA Facilities List: SANTAMON CUPA

The Santa Monica Fire Department's office maintains a list of CUPA Facilities located in Santa Monica city.

Government Publication Date: Dec 07, 2016

Los Angeles County - Santa Monica City Hazardous Materials Facilities: SANTAMON HAZ

A list of Hazardous Materials Facilities in the City of Santa Monica, Los Angeles county. This list is made available by Santa Monica Fire Prevention Division which has been designated as the CUPA for the City.

Government Publication Date: Nov 29, 2016

Los Angeles County - Santa Monica City Hazardous Waste Facilities: SANTAMON HW

A list of Hazardous Waste Facilities in Los Angeles County, City of Santa Monica. This list is made available by Santa Monica Fire Prevention Division.

Government Publication Date: Nov 29, 2016

Los Angeles County - Santa Monica City Underground Storage Tank List: SANTA MONICA UST

A list of registered active Underground Storage Tanks (USTs) in the City of Santa Monica made available by Santa Monica Fire Prevention Division.

Government Publication Date: Oct 20, 2016

Los Angeles County - Torrance City Underground Storage Tanks: TORRANCE UST

A list of registered Underground Storage Tank (UST) sites in Torrance City of Los Angeles County. This list is made available by Torrance City Office of Clerk.

Government Publication Date: Dec 21, 2016

Los Angeles County - Vernon City CUPA List: VERNON CUPA

The Vernon City Fire Department's office maintains a list of CUPA Facilities located in Vernon city.

Government Publication Date: Dec 27, 2016

Los Angeles County - Vernon City UST List: VERNON UST

A list of Underground Storage Tanks (UST) in Vernon City provided by the Vernon City Fire Department.

Government Publication Date: Dec 01, 2016

Los Angeles County HMS List: LA HMS

This list contains sites that have or had permits for Industrial Waste, Underground Storage Tanks, or Storm water in the County of Los Angeles. This list is made available by the County of Los Angeles Department of Public Works.

Government Publication Date: Nov 14, 2016

Los Angeles County Long Beach UST List: LA LONGB UST

A list of all registered active Underground Storage Tanks in the City of Long Beach of Los Angeles County. The list is made available by Long Beach Certified Unified Program Agency.

Government Publication Date: Aug 24, 2016

Los Angeles County Solid Waste Sites: LA SWF

List of permitted solid waste facilities, closed landfills, historical dumpsites and other solid waste sites in Los Angeles County, made available by the Department of Public Works in Los Angeles County.

Government Publication Date: Jan 6, 2017

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS

The US Environmental Protection Agency (EPA)'s Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, data collected from EPA's Central Data Exchange registrations and data management personnel.

Government Publication Date: Oct 13, 2016

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: 1987-2015

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 08, 2016

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department") provides this data 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.

Government Publication Date: Sep 12, 2016

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA of the Act) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified ongressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Jun 30, 2014

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Nov 12, 2013

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Government Publication Date: Nov 09, 2016

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Nov 18, 2016

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from the Integrated Compliance Information System (ICIS). The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Sep 14, 2016

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Sep 14, 2016

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: Nov 22, 2016

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: Sep 13, 2016

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: Nov 07, 2016

Alternative Fueling Stations: ALT FUELS

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Nov 3, 2016

State

EnviroStor Inspection, Compliance, and Enforcement: INSP COMP ENF

A list of permitted facilities with inspections and enforcements tracked in the Department of Toxic Substance Control (DTSC) EnviroStor.

Government Publication Date: Jan 28, 2017

Clandestine Drug Lab Sites: CDL

The Department of Toxic Substances Control (DTSC) maintains a listing of drug lab sites. DTSC is responsible for removal and disposal of hazardous substances discovered by law enforcement officials while investigating illegal/clandestine drug laboratories.

Government Publication Date: Aug 31, 2016

School Property Evaluation Program Sites: SCH

A list of sites registered with The Department of Toxic Substances Control (DTSC) School Property Evaluation and Cleanup (SPEC) Division. SPEC is responsible for assessing, investigating and cleaning up proposed school sites. The Division ensures that selected properties are free of contamination or, if the properties were previously contaminated, that they have been cleaned up to a level that protects the students and staff who will occupy the new school.

Government Publication Date: Jan 28, 2017

California Hazardous Material Incident Report System (CHMIRS): CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS). This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Dec 6, 2016

Sites Listed in the Solid Waste Assessment Test (SWAT) Program Report: SWAT

In a 1993 Memorandum of Understanding, the State Water Resources Control Board (SWRCB) agreed to submit a comprehensive report on the Solid Waste Assessment Test (SWAT) Program to the California Integrated Waste Management Board (CIWMB). This report summarizes the work completed to date on the SWAT Program, and addresses both the impacts that leakage from solid waste disposal sites (SWDS) may have upon waters of the State and the actions taken to address such leakage.

Government Publication Date: Dec 31, 1995

Hazardous Waste Manifest Data: HAZNET

A list of hazardous waste manifests received each year by Department of Toxic Substances Control (DTSC). The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Oct 24, 2016

Solid Waste Disposal Sites with Waste Constituents Above Hazardous Waste Levels: SWRCB SWF

This is a list of solid waste disposal sites identified by California State Water Resources Control Board with waste constituents above hazardous waste levels outside the waste management unit.

Government Publication Date: Sep 20, 2006

Hazardous Waste and Substances Site List - Site Cleanup: HWSS CLEANUP

The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites. This list is published by California Department of Toxic Substance Control.

Government Publication Date: Jun 20, 2016

List of Hazardous Waste Facilities Subject to Corrective Action: DTSC HWF

This is a list of hazardous waste facilities identified in Health and Safety Code (HSC) § 25187.5. These facilities are those where Department of Toxic Substances Control (DTSC) has taken or contracted for corrective action because a facility owner/operator has failed to comply with a date for taking corrective action in an order issued under HSC § 25187, or because DTSC determined that immediate corrective action was necessary to abate an imminent or substantial endangerment.

Government Publication Date: Jul 18, 2016

Historical Hazardous Waste Manifest Data: HIST MANIFEST

A list of historic hazardous waste manifests received by the Department of Toxic Substances Control (DTSC) from year the 1980 to 1992. The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Dec 31, 1992

Historical California Hazardous Material Incident Report System (CHMIRS): HIST CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS) prior to 1993. This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Jan 1, 1993

Historical Cortese List: HIST CORTESE

List of sites which were once included on the Cortese list. The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements for providing information about the location of hazardous sites.

Government Publication Date: Nov 13, 2008

Cease and Desist Orders and Cleanup and Abatement Orders: CDO/CAO

The California Environment Protection Agency "Cortese List" of active Cease and Desist Orders (CDO) and Cleanup and Abatement Orders (CAO). This list contains many CDOs and CAOs that do NOT concern the discharge of wastes that are hazardous materials. Many of the listed orders concern, as examples, discharges of domestic sewage, food processing wastes, or sediment that do not contain hazardous materials, but the Water Boards' database does not distinguish between these types of orders.

Government Publication Date: Feb 16, 2012

Drycleaner Facilities: DRYCLEANERS

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial, linen supply, commercial laundry, dry cleaning and pressing machines - Coin Operated Laundry and Dry Cleaning. This is provided by the Department of Toxic Substance Control.

Government Publication Date: Nov 23, 2016

Delisted Drycleaners: DELISTED DRYC

Sites removed from the list of drycleaner related facilities that have EPA ID numbers, made available by the California Department of Toxic Substance Control.

Government Publication Date: Nov 23, 2016

Tribal

No Tribal additional environmental record sources available for this State.

County

Los Angeles County Site Mitigation List: LA SML

A Site Mitigation List in the County of Los Angeles. The list is made available by Los Angeles County Fire Department. Site mitigation is handled by the Site Mitigation Unit (SMU) which facilitates completion of site clean-up projects of contaminated sites in an expeditious manner in all cities of the Los Angeles County except El Segundo, Glendale, Long Beach, Santa Fe Springs, and Vernon.

Government Publication Date: Oct 13, 2016

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX I:

KEY PERSONNEL RESUMES

Heather Bell

SENIOR ENVIRONMENTAL CONSULTANT

Education

Bachelor of Science, Environmental Policy & Behavior - University of Michigan at Ann Arbor, 1999

Project Experience

Phase I Environmental Site Assessments – Ms. Bell has been performing, writing, and reviewing Phase I Environmental Site Assessments for various types of national and international properties for over 14 years. Since joining EMG in 2004, Ms. Bell has reviewed more than 2,500 environmental site assessment reports prepared by others, including technical oversight for most of those Projects. Since 2001, Ms. Bell has also completed over 600 assessments for debt and equity market clients.

Portfolio Management – Ms. Bell has managed over 50 Phase I environmental site assessment portfolios, including large scale and high profile portfolios such as 350 hotel properties, 100 industrial parks, 300 nursing centers, 50 department stores, 75 lumber yards, 250 self storage facilities, 65 multi-family properties, 500 telecommunication locations, 60 vacant land parcels in Mexico, and 150 gas stations. Ms. Bell has also supervised and assisted in the completion of document and regulatory database reviews for more than 600 total properties.

Agency File Reviews – Ms. Bell has managed EMG's agency file review program since 2011. Ms. Bell has facilitated and provided efficient procurement of agency documents as well summarized the data and provided a professional opinion for over 100 properties. Ms. Bell continues to develop agency relationships to provide files in a timely manner for quick turn business transactions.

INDUSTRY TENURE

Environmental: 2001
EMG: 2004

RELATED EXPERIENCE

- Office
- Industrial
- Hospitality
- Retail
- Residential
- Vacant land

ACTIVE LICENSES/REGISTRATIONS

- California Registered Environmental Assessor (REA) (2007)
- California Waste Association (2007)

SPECIAL SKILLS & TRAINING

- AAI/ASTM E 1527-05 Environmental Professional (EP)
- National Environmental Protection Act (NEPA) compliance
- Vapor intrusion
- Industrial Hygiene (radon, mold, asbestos, lead paint, lead in drinking water)

REGIONAL LOCATION

Essexville, MI

Project Experience Cont.

Former Air Force Base – Ms. Bell supervised the completion of a Phase I assessment and was involved in the completion of a Phase II assessment of an office building located on a portion of a former air force base. Numerous prior reports and documents were reviewed to determine the regulatory status of the former facility. Ms. Bell provided exemplary environmental services and the client found her observations critical to their final business decision.

Gas Stations/Auto Repair Centers – Ms. Bell supervised the completion of Phase I assessments of current and former gas stations and auto repair facilities. Numerous USTs, other types of subsurface equipment, and regulated wastes were identified at each facility in addition to some with various levels of contamination. Ms. Bell was crucial in determining the additional required actions and regulatory compliance.

Extended Stay Hotel Portfolio – Ms. Bell completed numerous Phase I reports for extended stay hotel facilities located throughout California. Although most were constructed, several of the hotels were under construction or being renovated. Several of the facilities conducted dry cleaning. Ms. Bell evaluated the location of the dry cleaning equipment, length of time in operation and likely potential for impact. Asbestos, radon, lead paint and lead in water were also addressed.

Telecommunication Portfolio – Ms. Bell actively participated in Phase I, Phase II and NEPA report development to satisfy due diligence and Federal Communication Commission (FCC) requirements. Properties located throughout the Pacific Southwest included unimproved and mountainous land, auto repair facilities, multi-story office complexes, industrial parks, retail strip malls, and multi-family residences.

Higher Education Facility – Ms. Bell completed Phase I and Phase II work for a vacant college built in the early 1900s. The college encompassed several hundred acres. RECs were revealed as a result of unregulated chemical handling within a large grounds maintenance facility, several chiller buildings, and various sumps.

Automotive Research & Development Complex – Ms. Bell completed a Phase I assessment for a multi-building automotive complex near Detroit. Several days of assessment activities were required as well as security clearances. Ms. Bell interviewed numerous onsite personnel and reviewed various documents in order to obtain a clear understanding of the classified operations.

Sarah Sweeney

TECHNICAL REPORT REVIEWER

Education

Bachelor of Science, Environmental Conservation, California University of Pennsylvania, 1999

Project Experience

Technical Reviews; **Nationwide**, **since 2005** – Ms. Sweeney has performed technical review on over 3,000 Phase I Environmental Site Assessment reports submitted from field personnel, to include the development of recommendations for further action, when appropriate.

Apartment Building; **Libertytown**, **MD** – Ms. Sweeney performed a Phase I Environmental Assessment for an existing apartment building with an on-site drinking water well. Through interviews with governmental officials, as well as historical research, she found that the groundwater in the area was contaminated with TCE. She recommended that the well be properly abandoned and the property be connected to the public water system.

Rental Car Facility; **Arlington**, **VA** – Ms. Sweeney performed a Phase I Environmental Assessment for an existing rental car facility, which included a leaking underground storage tank. At her recommendation and under her supervision, a Phase II Subsurface Investigation was conducted. Groundwater monitoring wells were installed at the property to determine groundwater flow and extent of contamination.

INDUSTRY TENURE

Environmental: 2001
EMG: 2002

RELATED EXPERIENCE

- National Hotel Chain Portfolio
- Multifamily Housing Portfolios
- Gas Station and Automotive Repair Portfolios
- Lumberyard Portfolios
- Industrial Site Portfolios
- Assisted Living Portfolios

INDUSTRY EXPERIENCE

- Office
- Industrial
- Housing / Multi-family
- Hospitality
- Retail
- Assisted Living / Skilled Nursing
- Gas Stations
- Automotive Repair

ACTIVE LICENSES/REGISTRATIONS

- AHERA Asbestos Inspector Certification since 2002

SPECIAL SKILLS & TRAINING

- AAI / ASTM E 1527-13 Environmental Professional (EP
- Course work completed for Master of Environmental Pollution Control, The Pennsylvania State University

REGIONAL LOCATION

Hanover, PA

Project Experience Cont.

Industrial Portfolio; **Nationwide** – In addition to performing technical review, Ms. Sweeney managed the internal review process for a portfolio of over 650 industrial properties to provide on-time delivery. Ms. Sweeney worked closely with the lead Senior Environmental Consultant to ensure consistency throughout the portfolio, which resulted in delivery of a quality product. Ms. Sweeney assisted in preparing summary matrices to provide clear, concise information throughout the duration of the portfolio in order to keep the client apprised of environmental concerns identified at the properties.

Marlee Forsthoffer

TECHNICAL REPORT REVIEWER

Education

Bachelor of Science, Environmental Studies, Nova Southeastern University, 2006

Project Experience

Commercial/Light Industrial Facilities; **Nationwide**, – Ms. Forsthoffer performed Phase I Environmental Assessments on several industrial and warehouse facilities in California as well as reviewed more than 100 environmental assessments for an over 600 site portfolio. Her assistance allowed for the completion of a multi-million dollar transaction by Blackstone – one of the nation's leading real estate firms.

Commercial Buildings; **Torrance**, **California** – Ms. Forsthoffer performed a Phase I Environmental Assessment on several office buildings which, through historical research, were identified as historically occupied by a synthetic rubber manufacturing facility; and listed on the final National Priorities List as the Del Amo Superfund site. Her duties included an in depth review of historic manufacturing operations, soil and groundwater sampling data and subsequent remedial actions. The client found her observations critical to their final business decision.

International Site Assessments – Ms. Forsthoffer has performed Phase I ESAs in Europe, Canada, Mexico and throughout the Caribbean. These Assessments were prepared to comply with both ASTM as well as applicable local environmental standards.

INDUSTRY TENURE

Environmental: 2006
EMG: 2007

RELATED EXPERIENCE

- Industrial Site Portfolios
- National Hotel Chain Portfolio
- Multifamily Housing Portfolios
- Gas Station and Automotive Repair Portfolios
- Assisted Living Portfolios

INDUSTRY EXPERIENCE

- Hospitality
- Multifamily
- Gas Stations
- Automotive Repair
- Lumberyards
- Industrial Warehouses
- Assisted Living
- Dry Cleaners
- Farms and Nurseries
- Higher Education
- K-12
- Office
- Retail

ACTIVE LICENSES/REGISTRATIONS

- AHERA Asbestos Inspector
- Radon Inspector

SPECIAL SKILLS & TRAINING

- AAI / ASTM E 1527-13 Environmental Professional (EP)

REGIONAL LOCATION

Naples, Florida

Project Experience Cont.

Industrial/Automotive Repair/Dry Cleaning Facilities; **Nationwide** – Ms. Forsthoffer has performed and reviewed numerous Phase I Environmental Assessments on industrial and automotive repair facilities. The assessments called for methodical and comprehensive on-site reconnaissance regarding above and underground storage tanks, hazardous materials and wastes generated. Recommendations have included file reviews, Phase II subsurface investigations and appropriate remedial actions.

Andrew Zahurak

PROJECT MANAGER, ENVIRONMENTAL PROFESSIONAL

Education

BA, Environmental Studies, Binghamton University, 2002

Project Experience

Due Diligence Environmental Site Assessments.- Working with developers, investors, and lending institutions, Mr. Zahurak completes Phase I environmental site assessments for property transactions as part of the due diligence process required by the Comprehensive Environmental Response, Compensation, and Liability Act of 1980. Property types assessed include commercial, industrial, multi-family residential, self-storage facilities, gas stations/automotive service, dry cleaners and hotels.

San Diego County Water Authority Environmental Services- Mr. Zahurak completed environmental assessments for parcels being acquired by the Authority. These assessments included site and site vicinity reconnaissance, regulatory agency records review, historical land use records review, data analysis, and report preparation. Assessing acquired properties minimizes the Authority's liability if recognized environmental conditions exist at a site.

City of Lemon Grove Environmental Services- To gather information about contamination from current and historical land uses, Mr. Zahurak completed environmental site assessments of parcels in Lemon Grove's Redevelopment Area. During the assessments, possible risks to human health and the environment from current and past land uses were discovered. Planning is underway for appropriate cleanup strategies for impacted properties, including institutional controls.

INDUSTRY TENURE
Environmental: 2003
EMG: 2011

RELATED EXPERIENCE
- Phase I Environmental Site Assessments (ESAs) (2006)
- Property Condition Assessments (PCAs) (2011)
- Phase II ESAs (2006)
- Limited ESAs (2006)
- Tenant Exit Audits (2006)
- Site remediation (2006)

INDUSTRY EXPERIENCE
- Soil, groundwater, soil vapor sampling and analysis
- Human Health Risk Assessments
- Environmental permit preparation
- Redevelopment clients
- Financial institutions and banks
- Local and regional municipalities
- Commercial clients
- Residential clients
- Retail/Wholesale clients

ACTIVE LICENSES/REGISTRATIONS
- 40-hour HAZWOPER
- Current AHERA-accredited Building Inspector (2011)
- FDIC, HUD, Freddie Mac-specific protocol requirements

SPECIAL SKILLS & TRAINING
- Fluent in French

REGIONAL LOCATION
LaMesa, CA

Property Condition Assessments- Mr. Zahurak reviews the condition of building structures and mechanical systems. The reviews are summarized in comprehensive

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PACIFIC COAST COMMONS EXISTING AND PROPOSED UTILITY REPORT

Pacific Coast Commons Mixed-Use Development
El Segundo, CA
KPFF Job # 1900156

December 18, 2020

PREPARED FOR:

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Mar Ventures, Inc.
721 North Douglas Street
El Segundo, CA 90245

PREPARED BY:

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Appendix “A” KPFF Exhibits

- Exhibit A – Existing Utilities
- Exhibit B – Fire Water Requirements
- Exhibit C – Existing Drainage
- Exhibit D – Proposed Drainage

Appendix “B” Record Research

- Exhibit 1 – City of El Segundo Substructure Maps
- Exhibit 2 – Storm Drain Record Plans
- Exhibit 3 – Sewer Record Plans
- Exhibit 4 – Water Record Plans
- Exhibit 5 – West Basin Municipal Water District Record Plans
- Exhibit 6 – Geotechnical Report
- Exhibit 7 – SoCal Gas Will-Serve Letter
- Exhibit 8 – SoCal Edison Atlas Maps
- Exhibit 9 – Telecom Service Maps

Appendix “C” Sewer Study

- Exhibit 1 – Drainage Area Map and Manhole Locations
- Exhibit 2 – Flow Monitoring Data
- Exhibit 3 – Flowmaster Analysis
- Exhibit 4 – US3 Project, Equipment and Company Information

Appendix “D” Water Study

- Exhibit 1 – US3 Fire Hydrant Flow Test Results
- Exhibit 2 – Bentley Document “Using a Pump Curve to Approximate a Connection to an Existing System”
- Exhibit 3 – WaterCAD Model and Results
- Exhibit 4 – Pump Curve Calculations

1.0 Purpose and Description

The purpose of this report is to study the feasibility of the proposed development outlined in the master site plan provided by Withee Malcolm Architects on July 8, 2019. The report is based on record research from the following sources:

- ALTA survey and topographic survey dated May 5, 2019 provided by KPFF Consulting Engineers
- City of El Segundo Record Plans
- Caltrans Record Plans
- Withee Malcolm Architects Master Site Plan provided on July 8, 2019.
- Albus-Keefe and Associates Geotechnical Due-Diligence Evaluation Report provided on August 15, 2019.

All record research documents may be referenced in Appendix B.

The Pacific Coast Commons project consists of new retail and residential buildings and multi-story parking structures to complement the several adjacent existing retail spaces and hotels. The project is located in the city of El Segundo, CA and is bounded by the Pacific Coast Highway to the east, Holly Avenue to the south, Indiana Street to the west, and Palm Avenue to the north. The site is located approximately 0.5-mile south of the Los Angeles International Airport (LAX) and approximately 1.5-miles west of the I-405 freeway. Based upon review of public records, existing utilities in the public right-of-way are owned and maintained by the City of El Segundo and Caltrans.

The project will be divided into three (3) different sites known as “North Site” “Fairfield Parking,” and “South Site.” North Site is approximately 1.83-acres and is the northernmost site located between Mariposa Avenue and Palm Avenue. Fairfield Parking and South Site are approximately 0.76-acre and 1.30-acres respectively and are located between Mariposa Avenue and Holly Avenue. Fairfield Parking is located in between the two other sites at the existing Hacienda Hotel building, with South Site being the southernmost site. Refer to Exhibit A for clarification.

2.0 General Design Criteria

2.1 Codes

Comply with applicable sections of national, state and local codes, laws, ordinances, rules and regulations of authorities having jurisdiction, including:

a. Los Angeles County Hydrology Manual, 2006 Edition.
b. State Water Resources Control Board (SSWRC).
c. Standard Specifications for Public Works Construction (SSPWC).
d. American’s with Disability Act (ADA).
e. American Water Works Association (AWWA).
f. American Society of Testing and Materials (ASTM).
g. State of California Building Code, current edition
h. State of California Fire Code, current edition.
j. Uniform Plumbing Code, current edition.

3.0 Storm Drainage

3.1 Storm Drainage – Existing Condition

There are two existing storm drains near this project that are owned by Caltrans and the City of El Segundo.

The existing Caltrans storm drain is located below the Pacific Coast Highway. The storm drain is reinforced concrete pipe (RCP) and varies in size from 18-inches to 24-inches. It is located 66.5-feet east of the centerline in the portion that is south of Pine Avenue and is located approximately 23-feet east of centerline in the portion that is north of Pine Avenue, although this location varies. The pipe flows from north to south. The depth of the pipe invert varies from approximately from 4-feet to 6-feet below grade.

The City of El Segundo storm drain is an existing 24-inch, RCP storm drain that runs through Indiana Street, and flows from north to south. It conveys stormwater from a catch basin on the west side of Indiana Street and is located 11-feet east from the project's property line. This storm drain runs south and ties in to another storm drain on Holly Street that runs west before ultimately discharging into a basin located approximately 0.5-miles southwest of the project, on the intersection of Center Street and Grand Avenue. The catch basin is located approximately 230-feet north of Holly Street.

The peak flow for each site in its existing condition was calculated using the LA County approved and provided Hydrocalc software, based on the 25-year storm event. Refer to Exhibit C for existing drainage patterns and a breakdown of the portions of site that flow to each storm drain system.

3.2 Storm Drainage – Proposed Condition

Proposed drainage for this project will include stormwater treatment features on one or multiple sites, in accordance with the City of El Segundo Low Impact Development (LID) requirements. These treatment features are designed to treat the 85th percentile storm event, while overflow drainage features will be designed based on the 25-year storm event. The flows and volumes associated with the 85th percentile storm and 25-year storm are calculated using the Los Angeles County approved and provided Hydrocalc software, which is based on the Rational Method outlined by the Los Angeles County Public Works Hydrology Manual. The runoff equation for the Rational Method is as follows:

$$Q = CIA$$

Where : C = Runoff coefficient
Q = Peak runoff rate (CFS)
I = Average rainfall intensity (in/hr)
A = Drainage area (acres)

Based on the geotechnical report provided by Albus-Keefe and Associates, infiltration is feasible for stormwater treatment. It appears that one drywell at each site will be able to capture the required volume and will be able to treat that volume as quickly as it enters the drywell system. From the geotechnical report, the infiltration rate for the site is 0.00186 feet per second (ft/s). A drywell with a diameter of 4-feet and an infiltration depth of 22-feet will provide a disposal rate of 0.514 cubic feet per second (CFS) and will dispose of 88,819-cubic feet (CF) in 48 hours. Drywells are proposed below structure or on grade, with 20-feet of separation between the bottom of the sublevel or grade and infiltration zone. The groundwater historic high is 160-feet below grade. Refer to Exhibit D for the complete calculations of this drywell. The flow rates and volumes generated by the proposed project and the drywell are summarized in Table 1 below. The same drywell design will be used at each site.

Table 1. Peak Flow Rate and Volume Generated by the 85th Percentile Storm

	Proposed Peak Flow Rate (CFS)	Drywell Disposal Rate (CFS)	Generated Volume (CF)	Volume Disposed by Drywell in 48-hr (CF)
North Site	0.3797		4,882	
Fairfield Parking	0.2200	0.514 (typ.)	2,225	88,819 (typ.)
South Site	0.3126		3,784	

The drywells will include overflow piping that will be sized based on the 25-year storm event. Overflow features will convey water to Indiana Street or Mariposa Avenue and into the City of El Segundo catch basin on Indiana Street. Thus, stormwater in the proposed condition will flow only to the City of El Segundo storm drain. Table 2 below summarizes the clear peak flow rate values in the proposed condition based on the 25-year storm event. The proposed peak flow rate that will be used to design the overflow piping is the reduced peak flow rate generated after infiltration. Because the peak flow rate will be reduced in the proposed condition, it is assumed that the City of El Segundo storm drain will have more than enough capacity to handle the flow rate generated by the proposed project. Refer to Exhibit D for detailed calculations for overflow drainage.

Table 2. Peak Flow Rates Generated by the 25-Year Storm Event

	Size (ac)	Existing Peak Flow Rate (CFS)	Proposed Peak Flow Rate (CFS)	Proposed Peak Flow Rate After Infiltration	Peak Flow (CFS) Δ (P) - (E) - (Infil.)
North Site	1.83	3.729	3.139	2.625	-1.104
Fairfield Parking	0.76	1.804	1.800	1.286	-0.518
South Site	1.30	2.580	2.375	1.861	-0.719

4.0 Sanitary Sewer

4.1 Sanitary Sewer – Existing Condition

All existing sanitary sewer lines in the streets surrounding the project site are owned by the City of El Segundo.

An 8-inch vitrified clay pipe (VCP) gravity line is located west of the site under the centerline of Indiana Street, with a depth varying from 2-feet to 9-feet below grade to the pipe invert. The sewer begins at a manhole located approximately 98-feet south of Mariposa Avenue, before sloping south at 4.0% then to 0.3% and connects to a 12-inch sewer line that continues south on Indiana Street. In Indiana Street, there is also a 10-inch ductile iron pressure sewer located 6-ft east of the street centerline.

In Pacific Coast Highway (formerly Sepulveda Boulevard), there is an existing 12-inch VCP gravity line located 26-feet west of the street centerline. The pipe slopes from north to south at 0.3% and varies in depth from 6-feet to 18-feet. At the intersection with Holly Street, the pipe connects to a 12-inch sewer running west on Holly Street.

To the north of North Site is an existing 8-inch VCP gravity line located under the street centerline of Palm Avenue. This sewer has a high point elevation at a manhole located approximately 390-feet west of Pacific Coast Highway. The pipe slopes to drain out to both mainlines on both sides of the manhole. On the east end, it connects to the 12-inch sewer on the Pacific Coast Highway. The west portion of the main slopes downward towards the west at 5.4%, while the east portion of the main slopes downward towards the east at 3.5%.

There are two existing sewer lines on Mariposa Avenue, west of Indiana Street. One is an 8-inch VCP gravity line located on the street centerline. It slopes from east to west at 1.5% and connects to an 8-inch sewer line on Illinois Court. The other sewer line on Mariposa Avenue is a 10-inch pressure sewer located 5-feet north of the street centerline.

4.2 Sanitary Sewer – Proposed Condition

New sewer laterals are proposed for buildings on all three sites. The number and specific locations of the laterals have not yet been determined, but it is assumed they will connect to several of the existing gravity lines surrounding the project. The proposed project does not currently impact the existing pressure lines. No connections to sewer force mains (pressure sewers) will be allowed. The sewer laterals will be designed to slope at a minimum of 2% and maintain a minimum self-cleaning velocity of 2-feet per second. All sewer laterals will require a Sewer Connection Permit from the City of El Segundo. Prior to issuance of a Certificate of Occupancy, the sewer connection fee for this project will be paid to the City of El Segundo Public Works Department. The City of El Segundo will review a Sewer Study for the project and after the Sewer Study is approved, the City will issue a will-serve letter conditional on the completion of any sewer improvements required with the approval of the Sewer Study. Any unused sanitary sewer laterals shall be abandoned and properly capped at the City main. The Contractor is to obtain necessary permits and licenses and provide traffic control plans and shoring plans.

4.3 Sanitary Sewer Study

The purpose of this sewer study is to analyze the impact of the proposed development on the existing sewer system and to determine if the system has sufficient capacity to handle the additional sanitary loads generated by the new project. This study was completed using the guidelines from the 2014 City of El Segundo System Evaluation and Capacity Assurance Plan and Rehabilitation and Replacement Program (SECAP & RRP) report. The peak wet weather flow (PWWF) that will be generated after the project is completed is calculated and used to determine the system capacity. The PWWF is obtained by multiplying the average dry weather flow (ADWF) by a peaking factor to obtain the peak dry weather flow (PDWF), and then multiplying the PDWF by another peaking factor provided in the report.

Both the existing and proposed project sewer flows are considered for the ADWF. To obtain the existing demands, sewer flow monitoring was conducted by Utility Systems Science & Software (US3) from April 28, 2020 to May 13, 2020. Table 3 below lists the two existing manholes that were required to be observed by the City and summarizes the results of the flow monitoring. Flow readings were taken at 5-minute intervals in accordance with the City's sewer study requirements. The locations of the manholes, complete flow monitoring data, graphical representations of the data, and descriptions of US3's equipment and methods used during the flow monitoring are included in Appendix C.

Table 3. Flow Monitoring Results

Manhole ID Number	Location	Pipe Size (in.)	Level (in.)	d/D Ratio	Avg. Flow (MGD)	Avg. Velocity (FPS)
4-15	Southbound roadway of Pacific Coast Highway, approximately 250 feet north of Holly Avenue	12	0.830	0.069	0.0123	0.756
4-39	Intersection of Holly Avenue and Washington Street	12	1.997	0.166	0.104	1.753

For the proposed developments, the flows were estimated using Table 1 (Loadings for Each Class of Land Use) from LA County Sanitation District for commercial uses, as well as Table 4-1 (Residential Unit Flow Factors) from

the SECAP & RRP report for residential uses. To be conservative and because the uses for each commercial space have not yet been determined, it was assumed that all commercial spaces would consist of restaurants, which generates the highest flow compared to other commercial uses. For the purposes of the sewer study, the total flow from all three developments will be considered in evaluating the project's impact to the sewer system. Table 4 below summarizes the proposed sewer demands from each of the developments. The total flow from the project is estimated to be 40,330 GPD or 0.0403 MGD.

Table 4. Proposed Sewer Demands.

	Unit Type	Unit	Unit Count	Flow per Unit (GPD)	Total Flow (GPD)	Total Flow at Site (GPD)
North Site	Multi-Family Residential	Dwelling	143	110	15,730	18,030
	Commercial - Restaurant	Per 1,000 SF	2.3	1,000	2,300	
Fairfield Parking	Commercial - Restaurant	Per 1,000 SF	3.3	1,000	3,300	3,300
South Site	Multi-Family Residential	Dwelling	120	110	13,200	19,000
	Commercial - Restaurant	Per 1,000 SF	5.8	1,000	5,800	
					Total Project Flow = 40,330 GPD = 0.0403 MGD	

The ADWF values, which consists of the flow observed from the sewer monitoring and the additional flows from the project, are calculated at each manhole in Table 5 below. The PDWF is calculated using the ADWF values and peaking formula provided in Section 4 of the SECAP & RRP Report. Because the project area falls within Drainage Area 4 (refer to Appendix C, Exhibit 1), the peaking formula for Pump Station 4 Drainage Area and future systems is selected as written below. The PWWF can then be calculated by multiplying the PDWF by 1.25, as stated in the SECAP & RRP report. These calculations are summarized in Table 5.

$$PDWF = 2.43 \times ADWF^{0.92}$$

Table 5. PWWF Calculations

Manhole ID Number	(E) ADWF[1] (MGD)	(P) ADWF[2] (MGD)	(E) PDWF[3] (MGD)	(P) PDWF[3] (MGD)	Total PDWF[4] (MGD)	PWWF[5] (MGD)
4-15	0.0123	0.0403	0.0425	0.127	0.170	0.213
4-39	0.104	0.0403	0.303	0.127	0.430	0.538

[1] Existing ADWF values were obtained from flow monitoring results (see Table 3)
[2] Proposed ADWF values were obtained from sewer demand estimates (see Table 4)
[3] PDWF = 2.43 x $ADWF^{0.92}$
[4] Total PDWF = (E) PDWF + (P) PDWF
[5] PWWF = Total PDWF x 1.25

The City's criteria to determine that a sewer system has enough capacity for the proposed development is that the pipe must be able to flow with a d/D ratio of less than 0.5 for pipes less than 18-inches in diameter. In other words, the pipe must be able to flow half-full at a maximum. The d/D ratio of the pipe at each manhole was analyzed using the software Bentley Flowmaster, which uses Manning's Equation to calculate the normal depth of a pipe. Parameters for slope and material of the pipe were obtained from sewer record drawings provided by the City of El Segundo. Table 6 lists the Flowmaster inputs as well as the capacity results, and the complete Flowmaster calculations can be found in Appendix C.

Table 6. Sewer Capacity Analysis

Manhole ID Number	PWWF (MGD)	Slope	Material	Size (in.)	Normal Depth (in.)	d/D Ratio	d/D < 0.5?
4-15	0.213	0.3%	VCP	12	3.47	0.289	Yes
4-39	0.538	1.0%	VCP	12	4.10	0.342	Yes

Based on this study, it appears that all sewer systems analyzed will still flow less than 50% full, with the additional flows from the project and that the sewer systems have capacity to serve the new developments.

5.0 Water Service

5.1 Water Service – Existing Condition

There is an existing City of El Segundo 10-inch asbestos-cement water line located 11-feet west of the centerline of Indiana Street, which is scheduled to be replaced with a new 10-inch ductile iron water main in FY 2020-2021. There are also two existing water lines in the Pacific Coast Highway. One is a City of El Segundo 10-inch ductile iron pipe located 32-feet west of the street centerline. The other is a 10-inch pipe located 33-feet east of the street centerline, also owned by the City of El Segundo. In Palm Avenue north of North Site, there is a City of El Segundo 10-inch asbestos-cement pipe located 6-feet north of the street centerline. In Holly Avenue south of South Site, there is a City of El Segundo 10-inch asbestos-cement pipe located 13-feet south of the street centerline. There is also an existing City of El Segundo 10-inch ductile iron water line in Mariposa Avenue, located 6-feet south of the street centerline.

There are no existing reclaimed water mains in the streets adjacent to the project. The West Basin Municipal Water District record drawings shown in Exhibit 5 of Appendix B indicate that their closest reclaimed water main is located in Washington Avenue, approximately 500-feet from the intersection of Palm Avenue and Indiana Street.

Existing fire hydrants owned by the City of El Segundo are located along the Pacific Coast Highway, Holly Avenue, and Indiana Street. Refer to Exhibit B for the locations of these existing fire hydrants.

5.2 Water Service – Proposed Condition

The water service connection for domestic water and fire protection shall be made to one or more of the existing City of El Segundo water lines. The specific location of these connections and pipe sizing has yet to be determined, but will need to be approved by the City of El Segundo. The system shall provide adequate water supply for operation of the building's domestic requirements, automatic fire sprinkler systems and on-site fire hydrants (if required by the State or City Fire Marshal). The City of El Segundo will review a Water Study for the project and after the Water Study is approved, the City will issue a will-serve letter conditional on the completion of any water improvements required with the approval of the Water Study.

Because this project is still in the early planning phase and plumbing features within the building interior have not yet been designed, it is premature to determine the plumbing fixture units at each building. Instead, a similar type project was used as a reference to determine if the existing public water system will likely have the capacity to accommodate the water demands generated by this new project.

This similar type project, known as "100 West Walnut" and located in Pasadena, used Table 610.3 of the 2019 California Plumbing Code and Hunter's Curve methodology to calculate building domestic water demands. There is a total of 394 dwelling units in the proposed 100 West Walnut project and a total of 7,722 fixture units, as tabulated

by the project plumbing engineer. Per Appendix A of the 2019 California Plumbing Code and using Hunter's Curve, this fixture unit count was converted to a peak demand of 940 GPM for the 394 units. Hunter's Curve is an industry standard methodology to convert fixture units to a peak flow demand and is considered conservative. The peaking factor used for the 100 West Walnut project was provided by the plumbing engineer as 4.0, greater than the City of El Segundo's 2.4x peaking factor. There was an average of 19.6 plumbing fixture units per dwelling unit, which equates to 2.4 GPM per dwelling unit. Using this peak demand to estimate the residential domestic water demands for the new Pacific Coast Commons development would yield the following results: 343 GPM at North Site and 288 GPM at South Site.

There is a total of 11,252 square-feet (SF) of commercial area proposed as part of the Pacific Coast Commons project: 5,759 SF at South Site, 3,273 SF at Fairfield Parking, and 2,223 SF at North Site. Of the proposed commercial space, a maximum of 50% can be restaurant use, per project entitlements. For the purposes of this analysis, it is assumed that 50% of the commercial area at each site will be for restaurant use, and the other 50% will be for retail use. For the commercial-retail domestic water demand, 100 West Walnut generated a flow of 350 GPM for 204,444 SF of retail space, as calculated by counting proposed fixture units for the project and converting it to a proposed flow, using the California Plumbing Code and Hunter's Curve. This equates to 1.7 GPM per 1,000 SF of retail space. The plumbing engineer for the Walnut project determined the peaking factor to be 2.0x, less than the City of El Segundo's standard 2.4x peaking factor. An additional 2.4x peaking factor has been applied to proposed Pacific Coast Commons commercial-retail uses. With this peaking factor, the peak demand is 4.1 GPM per 1,000 SF of retail space. Using this peak demand to estimate the commercial-retail domestic water demands for the new development yields the following results: 4.5 GPM at North Site, 6.5 GPM at Fairfield Parking, and 11.9 GPM at South Site. For restaurant use, the Walnut project generated 45 GPM for 9,678 SF of restaurant space, which is equivalent to 4.6 GPM per 1,000 SF of restaurant space. This was calculated using the California Plumbing Code fixture unit method and conversion to flow using Hunter's Curve. The plumbing engineer for the Walnut project determined the peaking factor to be 2.0x, less than the City of El Segundo's standard 2.4x peaking factor. An additional 2.4x peaking factor has been applied to proposed Pacific Coast Commons commercial-restaurant demands. This results in a peak demand of 11.1 GPM per 1,000 SF of restaurant space. Applying this peak demand to the proposed restaurant use floor area in the Pacific Coast Commons project results in the following: 12.2 GPM at North Site, 17.8 GPM at Fairfield Parking, and 32.2 GPM at South Site.

See Table 7 below for a summary of the domestic water demands. These demands are the peak domestic water flow rates generated by the project and do not represent total water usage. It is reasonable to assume that the total water usage for the project will be equal to 120% of the sewer demands in Table 4. Note that for the purposes of the water study, higher demands for both residential and commercial domestic water services were modeled (refer to Section 5.3 for additional information).

Table 7. Domestic Water Demand Flow Estimates

	Unit Type	Unit	Unit Count	Flow per Unit (GPM)	Total Peak Flow (GPM)	Total Peak Flow at Site (GPM)
North Site	Multi-Family Residential	Dwelling	143	2.4	343	343 (Residential) 16.7 (Commercial)
	Commercial – Retail	Per 1,000 SF	1.1	4.1	4.5	
	Commercial – Restaurant	Per 1,000 SF	1.1	11.1	12.2	
Fairfield Parking	Commercial – Retail	Per 1,000 SF	1.6	4.1	6.5	24.3 (Commercial)
	Commercial – Restaurant	Per 1,000 SF	1.6	11.1	17.8	
South Site	Multi-Family Residential	Dwelling	120	2.4	288	288 (Residential) 44.1 (Commercial)
	Commercial – Retail	Per 1,000 SF	2.9	4.1	11.9	
	Commercial – Restaurant	Per 1,000 SF	2.9	11.1	32.2	

Based on the requirements outlined by the El Segundo Fire Department in Regulation H-2-a for Fire Hydrant and Private Fire Main System Installation, it appears that additional fire hydrants may need to be installed in order to provide coverage for portions of the proposed buildings that are in excess of 150-feet from a public fire hydrant. Coordination with the Fire Prevention Division of the El Segundo Fire Department is required to determine whether the additional fire hydrants will be located in the public street and/or within the development.

Calculations for required fire flow for the proposed development were performed based on the requirements listed in the 2016 California Fire Code and Los Angeles County Fire Code. Values for required fire flow and duration are taken from Table B105.1(2) in the California Fire Code. Refer to Exhibit B for the complete fire flow calculations. Table 8 below summarizes the required fire flow rates for each site.

Table 8. Fire Flow Requirements.

	Building	Construction Type	Calculation Area (SF)	Required Fire Flow (GPM)	Flow Duration (HR)
North Site	Residential/Commercial	III-A	168,126	1,500*	3
	Parking Structure	I-A	16,798	1,500	2
Fairfield Parking	Commercial	III-A	4,004	1,500	2
	Parking Structure	I-A	24,209	1,750	2
South Site	Residential/Commercial	III-A	141,136	1,500*	2
	Parking Structure	I-A	19,545	1,500	2

* A reduction has been applied to the required fire flow value, in accordance with Table B105.2 from the Los Angeles County Fire Code, which states that buildings with sprinkler systems shall be 25% of the values listed in Table B105.1(2). The reduced fire-flow must be a minimum of 1,500 GPM.

The minimum number of fire hydrants required was calculated using Table C102.1 from the California Fire Code. The spacing between fire hydrants for all three sites will be 300-feet for public fire hydrants, as stated in the City of El Segundo Fire Prevention Division "Regulation H-2-a Fire Hydrant and Private Fire Main System Installation" document. See Table 9 for the hydrant and number spacing requirements.

Table 9. Required Number and Spacing of Fire Hydrants.

	Minimum Number of Hydrants	Spacing Between Hydrants
North Site	3	
Fairfield Parking	1	300 ft (typ.)
South Site	3	

Per requirements set forth by the City of El Segundo, any existing water meters, potable water service connections, fire backflow devices and potable water backflow devices must be upgraded to current City Water Division standards. These devices shall be placed or relocated onto private property. Plans for water system upgrades will be submitted to the City of El Segundo Public Works Department for review and approval. Any unused water laterals shall be abandoned and properly capped at the City main. The Contractor is to obtain necessary permits and licenses and provide traffic control plans and shoring plans.

5.3 Water Study

A study was performed to analyze the impact of the proposed developments on the existing City-owned water mains. This study analyzes the impact of the proposed domestic water and fire water demands. Using the Bentley WaterCAD software, hydraulic models of the existing water mains and the proposed domestic water and fire water

services for each of the sites were created. The study was performed in accordance with the guidelines from the "City of El Segundo Water Master Plan" dated September 2005 and the document "Using a Pump Curve to Approximate a Connection to an Existing System" by Bentley, which was provided by the City's consultant. According to the Water Master Plan, this project is located in the high-pressure zone of the City.

Prior to the creation of the hydraulic models and analysis of the results, domestic water model criteria were reviewed and approved by the City's consultant. This criteria was obtained from the "City of El Segundo Water Master Plan" and is as follows:

- Minimum Static Pressure = 50 pounds per square inch (PSI)
- Minimum Residual Pressure = 45 PSI
- Maximum Static Pressure = 80 PSI
- Velocity shall be between 1 FPS and 3 FPS, with a maximum value of 5 FPS
- Domestic water demands in the hydraulic model shall use the peak hour demand (2.4 peaking factor multiplied by the average daily demand)
- Hydraulic model shall use existing hydrant flow data to create a pump curve to approximate a connection to the existing system using WaterCAD software.

Flow tests were performed for three fire hydrants in the project vicinity by Utility Systems Science & Software (US3) on June 10, 2020. This flow test data was used to model the existing water mains in the hydraulic model. A summary of these flow tests is provided in Table 10 below and the complete flow test results are provided in Appendix D. Per the guidelines in the Bentley document provided by the City's consultant, these hydrants were modeled as pumps and the flow test data was entered as a pump curve. This document also explains that "modeling more than one connection between the proposed expansion and the existing system is not a valid approach" (refer to Appendix D for the complete document). Thus, a hydraulic model was developed for each fire hydrant to analyze the impact of the new developments from each individual connection to the existing system. The pump curves and calculations for the pump curves can be found in Appendix D.

Table 10. Fire Hydrant Flow Test Data

Fire Hydrant ID Number	Location	Static Pressure (PSI)	Residual Pressure (PSI)	Flow at 20 PSI (GPM)
403	Intersection of Indiana Street and Holly Avenue	71	66	4,842.5
1718	Intersection of Mariposa Avenue and Indiana Street	66	64	7,515.3
1890	Intersection of Pacific Coast Highway and Holly Avenue	76	71	4,595.3

The following City-owned existing water mains were included in each hydraulic model: a 10-inch ductile iron main located in Mariposa Avenue, a 10-inch ductile iron water main located in Indiana Street, and a 10-inch ductile iron main in Holly Avenue. At each site, new residential and commercial domestic water services, including a meter and backflow preventer at each service, were modeled.

As stated in Section 5.2, this project is still in the early planning phase and plumbing features within the building interior have not yet been designed, so it is premature to determine the plumbing fixture units at each site. Instead, the 100 West Walnut project in Pasadena was used as a reference to determine building demands and analyze if the existing public water system will likely have the capacity to accommodate the water demands generated by this new project. Refer to Table 7 for a summary of the Pacific Coast Commons domestic water demands, which were estimated based on the 100 West Walnut project. The potable residential water demand at North Site and South

Site was modeled at 700 GPM, which is much higher than the estimated 343 GPM and 288 GPM. The potable commercial water demand at North Site, Fairfield Parking, and South Site was modeled at 140 GPM, which is much higher than the estimated 16.7 GPM, 24.3 GPM, and 44.1 GPM. The modeled flows are assumed to be the peak hourly demand. The sizes of each proposed service have been assumed for the purposes of this study and will need to be confirmed by a plumbing engineer during the project design phase. Table 11 summarizes the demands and sizes of each proposed service.

Table 11. Proposed Domestic Water Services

	Type	Peak Hourly Demand (GPM)	Service Size[1] (in.)
North Site	Residential	700	6
	Commercial	140	3
Fairfield Parking	Commercial	140	3
South Site	Residential	700	6
	Commercial	140	3

[1] Sizes are also applicable to the backflow preventer at each service

Fire water services were also included in each hydraulic model. It was assumed that two services including a backflow preventer would be required at each site: one for the residential and commercial space, and another for the parking garage. The fire water demands from Table 8 were used for the model. A summary of the demands and the size of the services is summarized in Table 12 below.

Table 12. Proposed Fire Water Services

	Type	Fire Water Demand (GPM)	Service Size[1] (in.)
North Site	Residential/Commercial	1,500	8
	Parking Structure	1,500	8
Fairfield Parking	Commercial	1,500	8
	Parking Structure	1,750	8
South Site	Residential/Commercial	1,500	8
	Parking Structure	1,500	8

[1] Sizes are also applicable to the backflow preventer at each service

A total of six hydraulic models were created and analyzed for various scenarios. Three models were created to analyze the impact of the total proposed domestic water demands at each fire hydrant. Another three models were created to analyze the impact of the proposed fire water demands at each site. The domestic water and fire water analyses were separated in order to mimic more realistic scenarios. Refer to Appendix D for exhibits of the hydraulic models, which are described in Table 13 below.

Table 13. WaterCAD Model Summary

	Exhibit Name	Description
1	Domestic Water | Hydrant 403	Analyzes impact of domestic water demands from all three sites with the fire hydrant specified in the title; no fire water demands analyzed
2	Domestic Water | Hydrant 1718	
3	Domestic Water | Hydrant 1890	
4	Fire Water | South Site (FH 403)	Analyzes impact of fire water demands from only South Site
5	Fire Water | Fairfield Parking (FH 1718)	Analyzes impact of fire water demands from only Fairfield Parking

6	Fire Water | North Site (FH 1718)	Analyzes impact of fire water demands from only North Site

The results for the 10-inch City main of the WaterCAD model analysis are summarized in Table 14 below. The model exhibits and complete results from the WaterCAD models can be found in Appendix D. For all the domestic and fire water models, the pressures in the public 10-inch main are within the required pressure range of 50 PSI to 80 PSI, as provided by the criteria in the "City of El Segundo Water Master Plan." It should be noted that some pipe segments in the fire water models show 0 FPS velocities, because the sites are analyzed independently and demands were only entered at one site for each model (the site being analyzed). The WaterCAD results show that in general, the City's 10-inch main is operating within the desired flow velocities between 1 FPS and 5 FPS. The models do appear to indicate a few scenarios under 1 FPS and exceeding 5 FPS, which is outside the range of the City' Water Master Plan criteria. For the domestic water models, instances exceeding 5 FPS appear to be located immediately downstream of the modeled pump. For the fire models, it is assumed these peak velocities are short term, emergency conditions only and will not negatively impact the City main. This model is extremely conservative and it is not anticipated that the project will impact the City main to an extent that would require upsizing. Because the modeled flows are much higher than the estimated flows (per Table 7) and the results of the analysis for the higher modeled flows prove that the City main does not need to be upsized, it can be concluded that the City main will have more than enough capacity for the lower estimated flows and will not need to be upsized.

Table 14. WaterCAD Model Results

	WaterCAD Model	Min. Pressure (PSI)	Max. Pressure (PSI)	Max. Velocity (FPS)	Min. Flow (GPM)	Max Flow (GPM)
1	Domestic Water | Hydrant 403	64	77	4	140	980
2	Domestic Water | Hydrant 1718	68	78	7.43	140	1,820
3	Domestic Water | Hydrant 1890	66	78	7.43	140	1,820
4	Fire Water | South Site (FH 403)	53	64	6.13	0	1,500
5	Fire Water | Fairfield Parking (FH 1718)	60	69	13.28	0	3,250
6	Fire Water | North Site (FH 1718)	62	73	12.25	0	3,000

6.0 Gas Service

Existing SoCal Gas utilities are located in the following streets adjacent to the project site: Pacific Coast Highway, Palm Avenue, Mariposa Avenue, Indiana Street, and Holly Avenue. SoCal Gas has indicated in a letter that they have available service in the area to serve the project. See Exhibit 7 in Appendix B for the will-serve letter.

7.0 Power and Telecom Service

SoCal Edison has indicated that they have existing underground electrical utilities in the streets adjacent to the project site, including Pacific Coast Highway and Mariposa Avenue. Atlas maps showing the locations of these utilities have been provided by SoCal Edison and are included in Exhibit 8 of Appendix B. In order for SoCal Edison to provide a will-serve letter, the electrical demands generated by the proposed project will need to be provided to them for their review.

Existing telecom utilities are located in Pacific Coast Highway, Palm Avenue, and Mariposa Avenue. Verizon, CenturyLink, and Charter Communications have confirmed that they have existing services in the area. Charter Communications has indicated in a letter that they may provide service to the project, but will need to perform an investigation of the area to confirm it is feasible. Refer to Exhibit 9 of Appendix B for maps showing the locations of these utilities, as well as the letter from Charter Communications.

8.0 Materials

Concrete Pavement	f'c = 2,500 psi slab on grade Sidewalks: paving, base course and sub-grade thicknesses as recommended by the Project Geotechnical Engineer.
Storm Drain	PVC SDR 35, HDPE, and RCP
Sanitary Sewer	PVC sewer pipe and fittings, ASTM D 3034, SDR 35
Domestic and Fire Service	Schedule 40, PVC C900, and Copper Type K

700 South Flower Street, Suite 2100 Los Angeles, CA 90017 213.418.0201 kpff.com

APPENDIX A

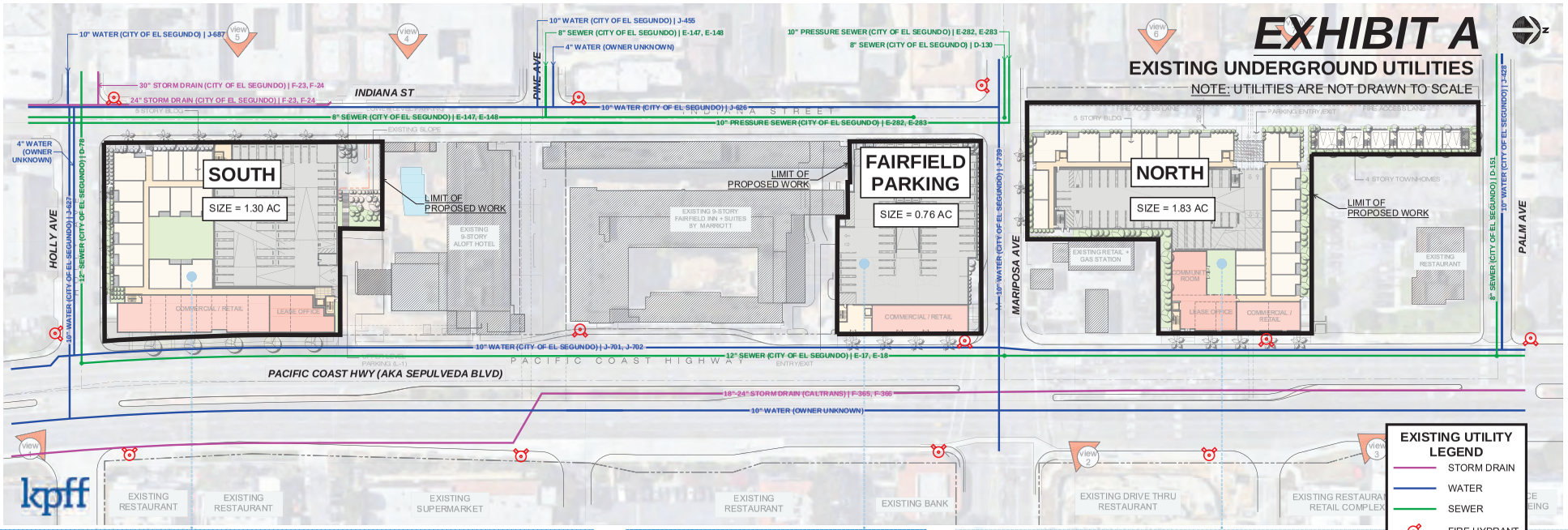
KPFF EXHIBITS

EXHIBIT A – EXISTING UTILITIES
EXHIBIT B – FIRE WATER REQUIREMENTS
EXHIBIT C – EXISTING DRAINAGE
EXHIBIT D – PROPOSED DRAINAGE

EXHIBIT A

EXISTING UNDERGROUND UTILITIES

NOTE: UTILITIES ARE NOT DRAWN TO SCALE



PACIFIC COAST COMMONS - SOUTH

PROJECT INFORMATION

DESCRIPTION	5 STORIES TYPE III-A (SPRINKLERED) RESIDENTIAL (R-2) WITH COMMERCIAL (M) ON GROUND FLOOR WRAP AROUND 6-STORIES TYPE I-A PARKING STRUCTURE (S-2)
ADDRESS	PACIFIC COAST HWY AND HOLLY AVENUE EL SEGUNDO, CA
ZONING	PROPOSED MIXED USE

SITE SUMMARY

LAND AREA	1.27 AC	55,509 SF
DENSITY		120 UNITS
FAR		2.54
GROSS BUILDING AREA	(includes roadways, stairs, elevators. Does not include rampway areas)	141,136 SF
BUILDING FOOTPRINT		48,279 SF
BUILDING HEIGHT	(From grade to top of roof)	66'-0"
NUMBER OF FLOORS		6
COMMERCIAL AREA		6,200 SF

RESIDENTIAL UNIT SUMMARY

PLAN	DESCRIPTION	QNTY	UNIT MIX	UNIT FLR AREA	AVG AREA
S-1	STUDIO	24	37%	485	548
S-2	STUDIO	20		623	
A-1	1 BEDROOM	40	42%	668	700
A-2	1 BEDROOM	12		805	
B-1	2 BEDROOM	10	20%	982	995
B-3	2 BEDROOM	10		982	
B-4	2 BEDROOM	4		1,057	
		120			

PARKING SUMMARY

HOTEL PARKING REPLACEMENT	126
RESIDENTIAL PARKING REQUIREMENT	
STUDIO 44 1.0/Unit	44
1 BEDR 52 1.5/Unit	78
2 BEDR 24 2.0/Unit	48
	170
GUEST PARKING 1.0/ 3 Unit	40
RETAIL PARKING REQUIREMENT (WILL BE SHARED WITH HOTEL GUEST PARKING)	SHARED
TOTAL PARKING REQUIREMENT	336
TOTAL PARKING PROVIDED INSIDE PARKING STRUCTURE	
LEVEL L-6	36
LEVEL L-5	47
LEVEL L-4	47
LEVEL L-3	47
LEVEL L-2	47
LEVEL L-1	36
BASEMENT B-1	46
BASEMENT B-2	30
	336

PACIFIC COAST COMMONS - FAIRFIELD PARKING

PROJECT INFORMATION

DESCRIPTION	6 STORIES TYPE I-A PARKING STRUCTURE (S-2) WITH COMMERCIAL (M) ON GROUND FLOOR
ADDRESS	PACIFIC COAST HWY AND MARIPOSA AVENUE EL SEGUNDO, CA
ZONING	PROPOSED MIXED USE

SITE SUMMARY

LAND AREA	0.72 AC	31,363 SF
FAR		0.13
GROSS BUILDING AREA	(includes roadways, stairs, elevators. Does not include garage area)	4,004 SF
BUILDING FOOTPRINT		28,985 SF
BUILDING HEIGHT	(From grade to top of roof)	43'-0"
NUMBER OF FLOORS		6
COMMERCIAL AREA		2,800 SF

PARKING SUMMARY

HOTEL PARKING REPLACEMENT	180
RETAIL PARKING REQUIREMENT	SHARED
TOTAL PARKING REQUIREMENT	180
TOTAL PARKING PROVIDED INSIDE PARKING STRUCTURE	
LEVEL L-5	26
LEVEL L-4	42
LEVEL L-3	42
LEVEL L-2	42
LEVEL L-1	34
	180

PACIFIC COAST COMMONS - NORTH

PROJECT INFORMATION

DESCRIPTION	5 STORIES TYPE III-A (SPRINKLERED) RESIDENTIAL (R-2) WITH COMMERCIAL (M) ON GROUND FLOOR WRAP AROUND 6-STORIES TYPE I-A PARKING STRUCTURE (S-2)
ADDRESS	PACIFIC COAST HWY AND PALM AVENUE EL SEGUNDO, CA
ZONING	PROPOSED MIXED USE

SITE SUMMARY

LAND AREA	1.85 AC	80,705 SF
DENSITY		143 UNITS
FAR		2.06
GROSS BUILDING AREA	(includes roadways, stairs, elevators. Does not include rampway areas)	168,126 SF
BUILDING FOOTPRINT		47,423 SF
BUILDING HEIGHT	(From grade to top of roof)	65'-0"
NUMBER OF FLOORS		6
COMMERCIAL AREA		2,000 SF

RESIDENTIAL UNIT SUMMARY

PLAN	DESCRIPTION	QNTY	UNIT MIX	UNIT FLR AREA	AVERA
S-1	STUDIO	15	34%	547	597
S-2	STUDIO	32		623	
A-1	1 BEDROOM	63	49%	668	668
A-2	1 BEDROOM	4		668	
B-1	2 BEDROOM	13	17%	1,033	1,011
B-4	2 BEDROOM	10		982	
		137			
TH-1	TOWNHOUSE	5		1,324	
TH-2	TOWNHOUSE	1		1,487	
		6			
	TOTAL UNITS	143			

PARKING SUMMARY

RESIDENTIAL PARKING REQUIREMENT	
STUDIO 47 1.0/Unit	47
1 BEDROOM 67 1.5/Unit	101
2 BEDROOM 23 2.0/Unit	46
	194
GUEST PARKING 1.0/ 3 Unit	46
RETAIL PARKING REQUIREMENT (WILL BE SHARED WITH RESIDENTIAL PARKING)	SHARED
TOTAL PARKING REQUIREMENT	240
TOTAL PARKING PROVIDED INSIDE PARKING STRUCTURE	
LEVEL L-6	42
LEVEL L-5	39
LEVEL L-4	39
LEVEL L-3	39
LEVEL L-2	39
LEVEL L-1	42
	240

MASTER SITE PLAN

BRE | CONTINENTAL DEVELOPMENT CORPORATION | Mar Ventures, Inc.

Pacific Coast Commons

1" = 50'-0"
0 50 100 150

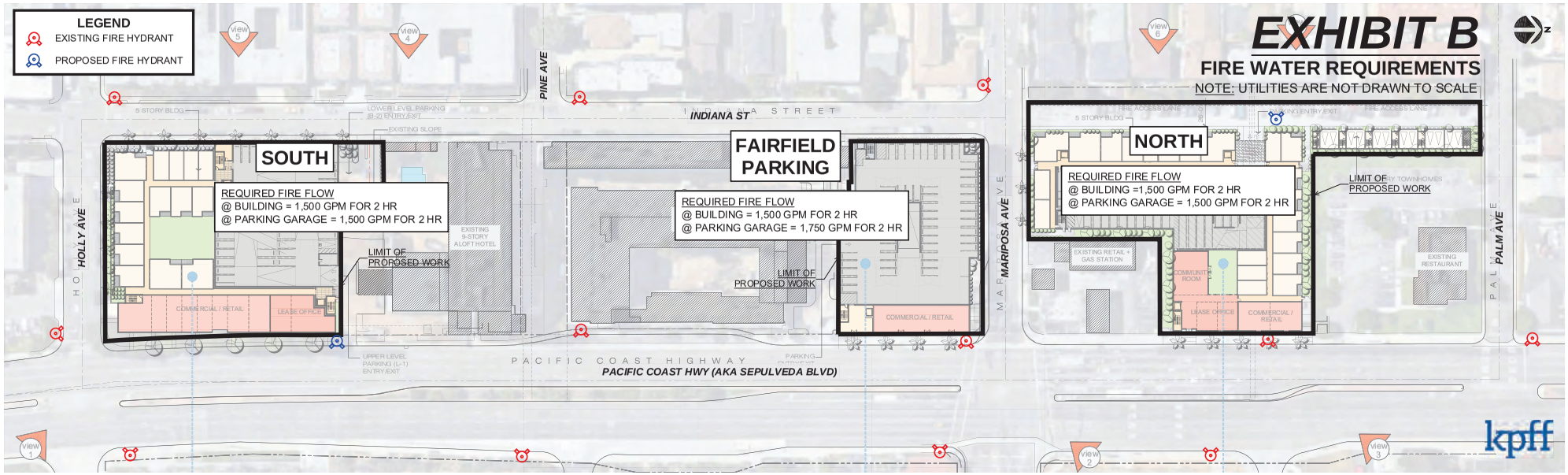
WITHEE MALCOLM ARCHITECTS
2251 west 190th street | torrance | ca 90504 | 310.217.8885 | witheemalcolm.com

Job No. 87093 Date 06.12.2019 SD-01

EXHIBIT B

FIRE WATER REQUIREMENTS

NOTE: UTILITIES ARE NOT DRAWN TO SCALE



FIRE FLOW CALCULATIONS

SOUTH

RESIDENTIAL/COMMERCIAL BUILDING:

Gross Area = 141,136 sf
Type III-A, Sprinklered
Residential (R-2) and Commercial (M)

According to Table B105.2 from LA County Fire Code, the minimum required fire flow is 25% of the value listed in Table B105.1(2) from the California Fire Code and the required flow duration is the duration listed in Table B105.1(2) at the reduced flow rate. However, the reduced fire-flow shall not be less than 1,500 gpm.

Required Fire Flow w/o Reduction = 5,500 gpm
Required Fire Flow w/ Reduction = **1,500 gpm**
Flow Duration = **2 hours**

PARKING GARAGE:

Area of One Floor = 19,545 sf
Type I-A (S-2)

According to Section B104.3 for Type IA and IB construction, in the CFC, "fire-flow calculation area for open parking garages shall be determined by the area of the largest floor."

Required Fire Flow = **1,500 gpm**
Flow Duration = **2 hours**

FAIRFIELD PARKING

COMMERCIAL BUILDING:

Gross Area = 4,004 sf
Type III-A (Assumed)
Commercial (M)

Required Fire Flow = **1,500 gpm**
Flow Duration = **2 hours**

PARKING GARAGE:

Area of One Floor = 24,209 sf
Type I-A (S-2)

According to Section B104.3 for Type IA and IB construction, in the California Fire Code, "fire-flow calculation area for open parking garages shall be determined by the area of the largest floor."

Required Fire Flow = **1,750 gpm**
Flow Duration = **2 hours**

NORTH

RESIDENTIAL/ COMMERCIAL BUILDING:

Gross Area = 168,126 sf
Type III-A, Sprinklered
Residential (R-2) and Commercial (M)

According to Table B105.2 from LA County Fire Code, the minimum required fire flow is 50% of the value listed in Table B105.1(2) from the CFC and the required flow duration is the duration listed in Table B105.1(2) at the reduced flow rate. However, the reduced fire-flow shall not be less than 1,500 gpm.

Required Fire Flow w/o Reduction = 6,000 gpm
Required Fire Flow w/ Reduction = **1,500 gpm**
Flow Duration = **2 hours**

PARKING GARAGE:

Area of One Floor = 16,798 sf
Type I-A (S-2)

According to Section B104.3 for Type IA and IB construction, in the California Fire Code, "fire-flow calculation area for open parking garages shall be determined by the area of the largest floor."

Required Fire Flow = **1,500 gpm**
Flow Duration = **2 hours**

The required number of hydrants were calculated using Table C102.1 from the California Fire Code. Required spacing for public fire hydrants is 300 ft, as stated in the El Segundo Fire Department "Regulation H-2-a Fire Hydrant and Private Fire Main system Installation" document.

REQUIRED NUMBER OF AND SPACING BETWEEN FIRE HYDRANTS

	MIN. NUMBER	SPACING
NORTH SITE	3	300 ft
FAIRFIELD PARKING	1	
SOUTH SITE	3	

BRE | CONTINENTAL DEVELOPMENT CORPORATION | Mar Ventures, Inc.

Pacific Coast Commons

1" = 50'-0"
0 50 100 150

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Job No. B7093 Date.06.12.2019 SD-01

EXHIBIT C

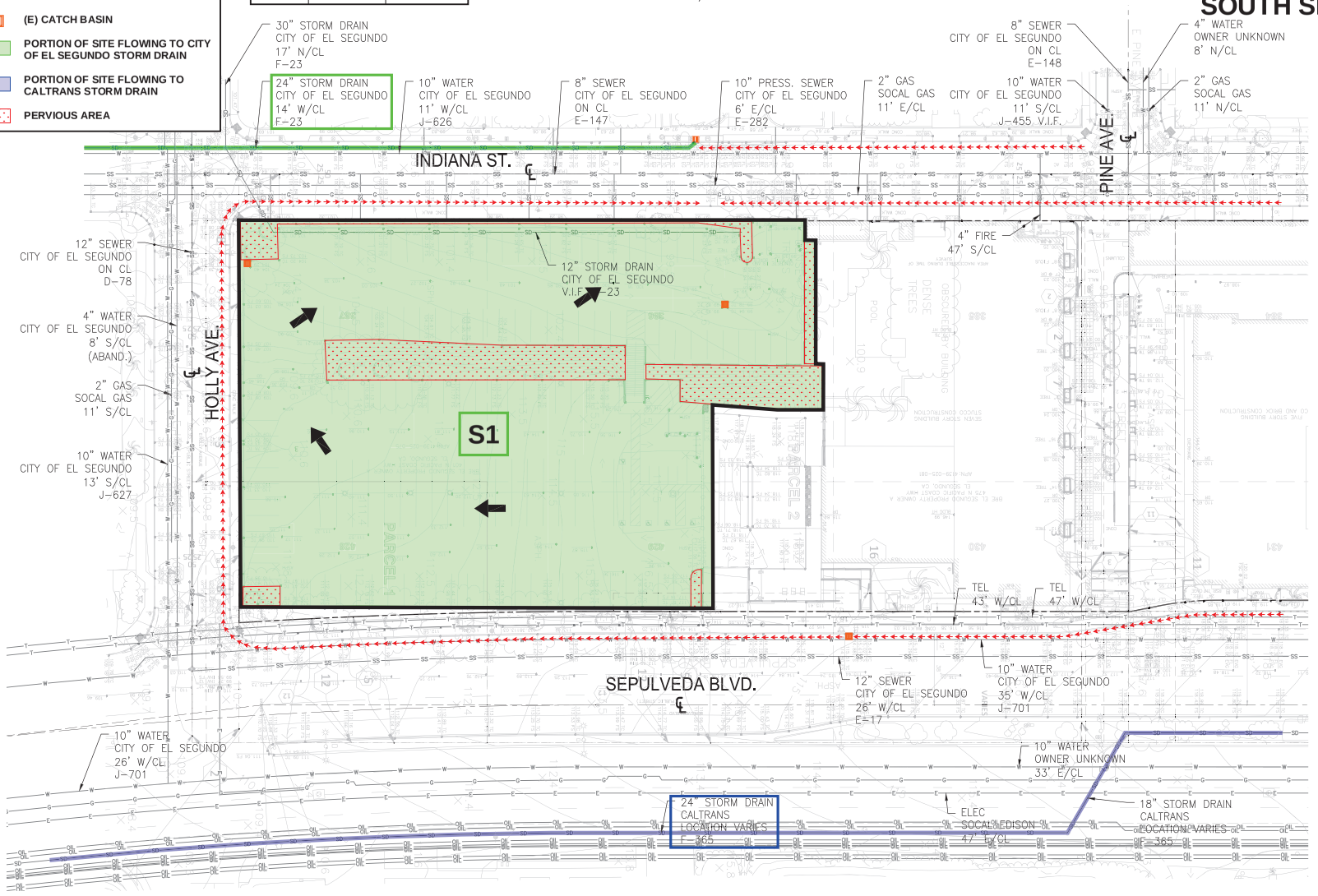
EXISTING DRAINAGE SOUTH SITE

LEGEND

- DIRECTION OF FLOW ONSITE
- DIRECTION OF FLOW OFFSITE
- (E) CATCH BASIN
- PORTION OF SITE FLOWING TO CITY OF EL SEGUNDO STORM DRAIN
- PORTION OF SITE FLOWING TO CALTRANS STORM DRAIN
- PERVIOUS AREA

PEAK FLOW RATE OF 25-YEAR STORM		
AREA	EXISTING	PROPOSED
S1	2.580 cfs	1.861 cfs

(ALL STORMWATER OVERFLOW IN THE PROPOSED CONDITION WILL BE CONVEYED INTO THE CITY OF EL SEGUNDO STORM DRAIN. THE PROPOSED PEAK FLOW RATE IS THE REDUCED RATE GENERATED AFTER INFILTRATION.)



NOTE: EXHIBIT SHOWS DRAINAGE PATTERNS IN THE EXISTING CONDITION ONLY

SCALE: 1"=20'

kpff
700 South Flower Street
Suite 2100
Los Angeles, CA 90017
O: 213.418.0201
F: 213.266.5294
www.kpff.com
CONSULTANTS

STAMP

REVISIONS

DATE		ISSUED FOR
XX.XX.XX	1	DESCRIPTION

DATE	XX.XX.XX
PROJECT NUMBER	1900196
DESIGNED BY	BT
DRAWN BY	DM
CHECKED BY	KE
SCALE	AS SPECIFIED

KEY MAP

PROJECT DESCRIPTION
ALOFT MIXED-USE DEVELOPMENT
XXXX LOS ANGELES AVENUE
LOS ANGELES, CA 9XXXX

DRAWING TITLE
PACIFIC COAST COMMONS - SOUTH EXHIBIT

SHEET NUMBER (EXHIBIT NUMBER)
EXHB-01

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EXHIBIT C

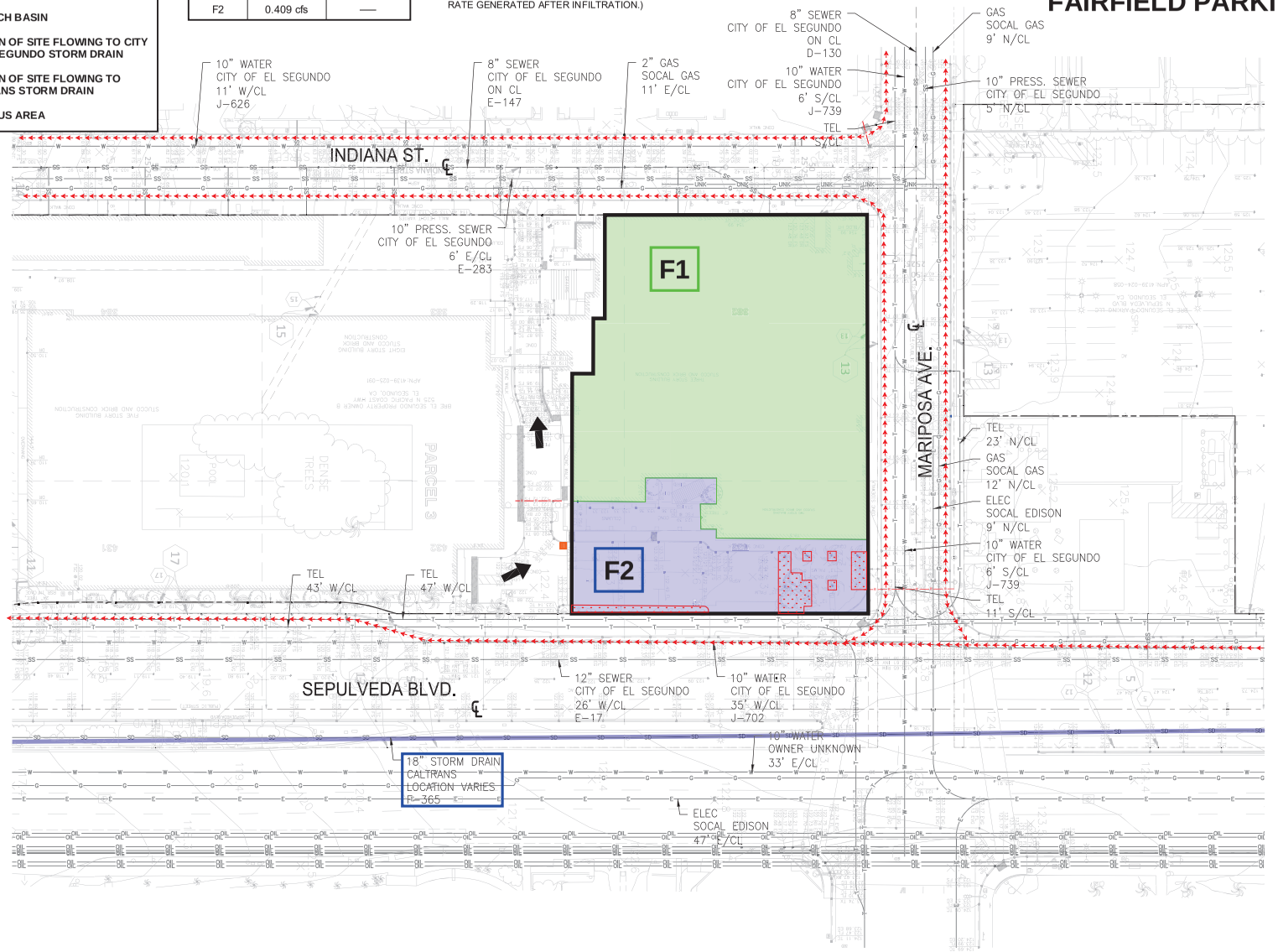
EXISTING DRAINAGE
FAIRFIELD PARKING

LEGEND

- DIRECTION OF FLOW ONSITE
- DIRECTION OF FLOW OFFSITE
- (E) CATCH BASIN
- PORTION OF SITE FLOWING TO CITY OF EL SEGUNDO STORM DRAIN
- PORTION OF SITE FLOWING TO CALTRANS STORM DRAIN
- PERVIOUS AREA

PEAK FLOW RATE OF 25-YEAR STORM		
AREA	EXISTING	PROPOSED
F1	1.395 cfs	1.286 cfs
F2	0.409 cfs	—

(ALL STORMWATER OVERFLOW IN THE PROPOSED CONDITION WILL BE CONVEYED INTO THE CITY OF EL SEGUNDO STORM DRAIN. THE PROPOSED PEAK FLOW RATE IS THE REDUCED RATE GENERATED AFTER INFILTRATION.)



NOTE: EXHIBIT SHOWS DRAINAGE PATTERNS IN THE EXISTING CONDITION ONLY

SCALE: 1"=20'

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Los Angeles, CA 90017
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STAMP

REVISIONS

DATE		ISSUED FOR
XX.XX.XX	1	DESCRIPTION

DATE	XX.XX.XX
PROJECT NUMBER	1900156
DESIGNED BY	BT
DRAWN BY	DM
CHECKED BY	KE
SCALE	AS SPECIFIED

KEY MAP

PROJECT DESCRIPTION
ALOFT MIXED-USE DEVELOPMENT

XXXX LOS ANGELES AVENUE
LOS ANGELES, CA 9XXXX

DRAWING TITLE
PACIFIC COAST COMMONS - FAIRFIELD PARKING EXHIBIT

SHEET NUMBER (EXHIBIT NUMBER)
EXHB-02

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City of El Segundo

Elected Officials:

Drew Boyles,
Mayor
Chris Pimentel,
Mayor Pro Tem
Carol Pirsztuk,
Council Member
Scot Nicol,
Council Member
Lance Giroux,
Council Member
Tracy Wetlver,
City Clerk
Matthew Robinson,
City Treasurer

Appointed Officials:

Scott Mitnick,
City Manager
Mark D. Hensley,
City Attorney

Department Directors:

Joseph Lillio,
Finance
Chris Donovan,
Fire Chief
Donna Peter,
Human Resources
Melissa McCollum,
Community Services
Sam Lee,
Development Services
Bill Whalen,
Police Chief
Elias Sassoon,
Public Works
Charles Mallory,
Information Technology

www.elsegundo.org

February 18, 2021

To: Kristin Starbird
Dudek
38 N. Marengo Ave
Pasadena, CA 91101

This letter is in response to your request for a "will serve" letter from the City of El Segundo. Please be advised that El Segundo will serve the property located at 401, 475 and 525 N Pacific Coast Highway, according to the following assumptions and conditions:

1. The proposed development will consist of 11,232 square-foot commercial space and 263 residential units with an additional expected potable water average demand of approximately 49,000 GPD.
2. Average wastewater generated from this proposed development is projected to be approximately 40,330 gallons per day, which will discharge into the existing City sewer mains surrounding the development via new sewer lateral connections.
3. The City of El Segundo will charge various fees for providing potable water and wastewater services, which include but are not limited to readiness to serve, water usage (quantity), treatment, and utility user taxes. These rates will be determined based on consumption and infrastructure specifications specific to the development.
4. El Segundo will both provide and require the development to have redundant potable water connections. Applicant will obtain the City's Water Dept's approval for the development's potable water connections.

If you have any questions about this issue, please contact me directly at 310-524-2368, or lxu@elsegundo.org.

Sincerely,

Lifan Xu
City Engineer

To User: bordered cells are inputs, unbordered cells have formulae

noise level limit for construction phase, per City of El Segundo = 65
allowable hours over which Leq is to be averaged = 1

Construction Phase	Equipment Type (or FHWA RCNM Comparable)	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to Rcvr. Distance (ft.)	Equipment NR (dB)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 1-hour Leq
Demolition	Concrete Saw	1	20	90		58	10	78.7	1	60	72
	Excavator	0	40	81		58	0	79.7	1	60	0
	Dozer	0	40	82		58	0	80.7	1	60	0
								Total for Demolition Phase:			71.7
Site Preparation	Dozer	1	40	82		58	0	80.7	1	60	77
	Backhoe	0	40	78		58	0	76.7	1	60	0
	Front End Loader	0	40	79		58	0	77.7	1	60	0
								Total for Site Preparation Phase:			76.7
Grading	Excavator	1	40	81		58	0	79.7	1	60	76
	Grader	0	40	85		58	0	83.7	1	60	0
	Dozer	0	40	82		58	0	80.7	1	60	0
	Backhoe	1	40	78		58	0	76.7	1	60	73
								Total for Grading Phase:			77.5
Building Construction	Crane	0	16	81		58	0	79.7	1	60	0
	Man Lift	0	20	75		58	0	73.7	1	60	0
	Generator	0	50	72		58	0	70.7	1	60	0
	Backhoe	1	40	78		58	0	76.7	1	60	73
	Welder / Torch	0	40	73		58	0	71.7	1	60	0
								Total for Building Construction Phase:			72.7
Paving	Concrete Mixer Truck	1	40	79		58	0	77.7	1	60	74
	Paver	1	50	77		58	0	75.7	1	60	73
	Roller	1	20	80		58	0	78.7	1	60	72
								Total for Paving Phase:			77.6
Architectural Coating	Compressor (air)	1	40	78		58	0	76.7	1	60	73
								Total for Architectural Coating Phase:			72.7

To User: bordered cells are inputs, unbordered cells have formulae

noise level limit for construction phase, per City of El Segundo = 65
allowable hours over which Leq is to be averaged = 1

Construction Phase	Equipment Type (or FHWA RCNM Comparable)	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to Rcvr. Distance (ft.)	Equipment NR (dB)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 1-hour Leq
Demolition	Concrete Saw	1	20	90		170	10	69.4	1	60	62
	Excavator	3	40	81		170	0	70.4	1	60	71
	Dozer	2	40	82		170	0	71.4	1	60	70
								Total for Demolition Phase:			74.1
Site Preparation	Dozer	3	40	82		170	0	71.4	1	60	72
	Backhoe	2	40	78		170	0	67.4	1	60	66
	Front End Loader	2	40	79		170	0	68.4	1	60	67
								Total for Site Preparation Phase:			74.2
Grading	Excavator	1	40	81		170	0	70.4	1	60	66
	Grader	1	40	85		170	0	74.4	1	60	70
	Dozer	1	40	82		170	0	71.4	1	60	67
	Backhoe	3	40	78		170	0	67.4	1	60	68
								Total for Grading Phase:			74.4
Building Construction	Crane	1	16	81		170	0	70.4	1	60	62
	Man Lift	3	20	75		170	0	64.4	1	60	62
	Generator	1	50	72		170	0	61.4	1	60	58
	Backhoe	3	40	78		170	0	67.4	1	60	68
	Welder / Torch	1	40	73		170	0	62.4	1	60	58
								Total for Building Construction Phase:			70.5
Paving	Concrete Mixer Truck	2	40	79		170	0	68.4	1	60	67
	Paver	2	50	77		170	0	66.4	1	60	66
	Roller	2	20	80		170	0	69.4	1	60	65
								Total for Paving Phase:			71.2
Architectural Coating	Compressor (air)	1	40	78		170	0	67.4	1	60	63
								Total for Architectural Coating Phase:			63.4

To User: bordered cells are inputs, unbordered cells have formulae

noise level limit for construction phase, per City of El Segundo = 65
allowable hours over which Leq is to be averaged = 1

Construction Phase	Equipment Type (or FHWA RCNM Comparable)	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to Rcvr. Distance (ft.)	Equipment NR (dB)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 1-hour Leq
Demolition	Concrete Saw	1	20	90		15	10	90.5	1	60	83
	Excavator	0	40	81		15	0	91.5	1	60	0
	Dozer	0	40	82		15	0	92.5	1	60	0
								Total for Demolition Phase:			83.5
Site Preparation	Dozer	0	40	82		20	0	90.0	1	60	0
	Backhoe	1	40	78		20	0	86.0	1	60	82
	Front End Loader	0	40	79		20	0	87.0	1	60	0
								Total for Site Preparation Phase:			82.0
Grading	Excavator	1	40	81		20	0	89.0	1	60	85
	Grader	0	40	85		20	0	93.0	1	60	0
	Dozer	0	40	82		20	0	90.0	1	60	0
	Backhoe	0	40	78		20	0	86.0	1	60	0
								Total for Grading Phase:			85.0
Building Construction	Crane	0	16	81		41	0	82.7	1	60	0
	Man Lift	0	20	75		41	0	76.7	1	60	0
	Generator	0	50	72		41	0	73.7	1	60	0
	Backhoe	1	40	78		41	0	79.7	1	60	76
	Welder / Torch	0	40	73		41	0	74.7	1	60	0
								Total for Building Construction Phase:			75.7
Paving	Concrete Mixer Truck	0	40	79		20	0	87.0	1	60	0
	Paver	0	50	77		20	0	85.0	1	60	0
	Roller	1	20	80		20	0	88.0	1	60	81
								Total for Paving Phase:			81.0
Architectural Coating	Compressor (air)	1	40	78		41	0	79.7	1	60	76
								Total for Architectural Coating Phase:			75.7

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noise level limit for construction phase, per City of El Segundo = 65
allowable hours over which Leq is to be averaged = 1

Construction Phase	Equipment Type (or FHWA RCNM Comparable)	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to Rcvr. Distance (ft.)	Equipment NR (dB)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 1-hour Leq
Demolition	Concrete Saw	1	20	90		62	10	78.1	1	60	71
	Excavator	0	40	81		62	0	79.1	1	60	0
	Dozer	0	40	82		62	0	80.1	1	60	0
								Total for Demolition Phase:			71.1
Site Preparation	Dozer	1	40	82		62	0	80.1	1	60	76
	Backhoe	0	40	78		62	0	76.1	1	60	0
	Front End Loader	0	40	79		62	0	77.1	1	60	0
								Total for Site Preparation Phase:			76.2
Grading	Excavator	1	40	81		62	0	79.1	1	60	75
	Grader	0	40	85		62	0	83.1	1	60	0
	Dozer	0	40	82		62	0	80.1	1	60	0
	Backhoe	1	40	78		62	0	76.1	1	60	72
								Total for Grading Phase:			76.9
Building Construction	Crane	0	16	81		62	0	79.1	1	60	0
	Man Lift	0	20	75		62	0	73.1	1	60	0
	Generator	0	50	72		62	0	70.1	1	60	0
	Backhoe	1	40	78		62	0	76.1	1	60	72
	Welder / Torch	0	40	73		62	0	71.1	1	60	0
								Total for Building Construction Phase:			72.2
Paving	Concrete Mixer Truck	1	40	79		62	0	77.1	1	60	73
	Paver	1	50	77		62	0	75.1	1	60	72
	Roller	1	20	80		62	0	78.1	1	60	71
								Total for Paving Phase:			77.0
Architectural Coating	Compressor (air)	1	40	78		62	0	76.1	1	60	72
								Total for Architectural Coating Phase:			72.2

To User: bordered cells are inputs, unbordered cells have formulae

noise level limit for construction phase, per City of El Segundo = 65
allowable hours over which Leq is to be averaged = 1

Construction Phase	Equipment Type (or FHWA RCNM Comparable)	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Client Equipment Description, Data Source and/or Notes	Source to Rcvr. Distance (ft.)	Equipment NR (dB)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 1-hour Leq
Demolition	Concrete Saw	1	20	90		175	10	69.1	1	60	62
	Excavator	3	40	81		175	0	70.1	1	60	71
	Dozer	2	40	82		175	0	71.1	1	60	70
								Total for Demolition Phase:			73.9
Site Preparation	Dozer	3	40	82		175	0	71.1	1	60	72
	Backhoe	2	40	78		175	0	67.1	1	60	66
	Front End Loader	2	40	79		175	0	68.1	1	60	67
								Total for Site Preparation Phase:			74.0
Grading	Excavator	1	40	81		175	0	70.1	1	60	66
	Grader	1	40	85		175	0	74.1	1	60	70
	Dozer	1	40	82		175	0	71.1	1	60	67
	Backhoe	3	40	78		175	0	67.1	1	60	68
								Total for Grading Phase:			74.1
Building Construction	Crane	1	16	81		175	0	70.1	1	60	62
	Man Lift	3	20	75		175	0	64.1	1	60	62
	Generator	1	50	72		175	0	61.1	1	60	58
	Backhoe	3	40	78		175	0	67.1	1	60	68
	Welder / Torch	1	40	73		175	0	62.1	1	60	58
								Total for Building Construction Phase:			70.3
Paving	Concrete Mixer Truck	2	40	79		175	0	68.1	1	60	67
	Paver	2	50	77		175	0	66.1	1	60	66
	Roller	2	20	80		175	0	69.1	1	60	65
								Total for Paving Phase:			71.0
Architectural Coating	Compressor (air)	1	40	78		175	0	67.1	1	60	63
								Total for Architectural Coating Phase:			63.1

Equipment Description	Impact Device?	Acoustical Use Factor (%)	Lesser of or available Lmax	Spec. 721 Lmax	Measured L_{max} @50ft (dBA, slow)
All Other Equipment > 5 HP	No	50	85	85	-- N/A --
Auger Drill Rig	No	20	84	85	84
Backhoe	No	40	78	80	78
Bar Bender	No	20	80	80	-- N/A --
Blasting	Yes	-- N/A --	94	94	-- N/A --
Boring Jack Power Unit	No	50	80	80	83
Chain Saw	No	20	84	85	84
Clam Shovel (dropping)	Yes	20	87	93	87
Compactor (ground)	No	20	80	80	83
Compressor (air)	No	40	78	80	78
Concrete Batch Plant	No	15	83	83	-- N/A --
Concrete Mixer Truck	No	40	79	85	79
Concrete Pump Truck	No	20	81	82	81
Concrete Saw	No	20	90	90	90
Crane	No	16	81	85	81
Dozer	No	40	82	85	82
Drill Rig Truck	No	20	79	84	79
Drum Mixer	No	50	80	80	80
Dump Truck	No	40	76	84	76
Excavator	No	40	81	85	81
Flat Bed Truck	No	40	74	84	74
Front End Loader	No	40	79	80	79
Generator	No	50	72	72	81
Generator (<25KVA, VMS signs)	No	50	70	70	73
Gradall	No	40	83	85	83
Grader	No	40	85	85	-- N/A --
Grapple (on backhoe)	No	40	85	85	87
Horizontal Boring Hydr. Jack	No	25	80	80	82
Hydra Break Ram	Yes	10	90	90	-- N/A --
Impact Pile Driver	Yes	20	95	95	101
Jackhammer	Yes	20	85	85	89
Man Lift	No	20	75	85	75
Mounted Impact Hammer (hoe ram)	Yes	20	90	90	90
Pavement Scarafier	No	20	85	85	90
Paver	No	50	77	85	77
Pickup Truck	No	40	55	55	75
Pneumatic Tools	No	50	85	85	85
Pumps	No	50	77	77	81
Refrigerator Unit	No	100	73	82	73
Rivit Buster/chipping gun	Yes	20	79	85	79

Rock Drill	No	20	81	85	81
Roller	No	20	80	85	80
Sand Blasting (Single Nozzle)	No	20	85	85	96
Scraper	No	40	84	85	84
Shears (on backhoe)	No	40	85	85	96
Slurry Plant	No	100	78	78	78
Slurry Trenching Machine	No	50	80	82	80
Soil Mix Drill Rig	No	50	80	80	-- N/A --
Tractor	No	40	84	84	-- N/A --
Vacuum Excavator (Vac-truck)	No	40	85	85	85
Vacuum Street Sweeper	No	10	80	80	82
Ventilation Fan	No	100	79	85	79
Vibrating Hopper	No	50	85	85	87
Vibratory Concrete Mixer	No	20	80	80	80
Vibratory Pile Driver	No	20	95	95	101
Warning Horn	No	5	83	85	83
Welder / Torch	No	40	73	73	74

Dudek 22 June 2020
CB TNM 2.5

INPUT: ROADWAYS
PROJECT/CONTRACT: Pacific Coast Commons
RUN: Existing

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points Name	No.	Coordinates (pavement) X	Y	Z	Flow Control Control Device	Speed Constraint	Percent Vehicles Affected	Segment Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
East Mariposa Avenue	40.0	point30	30	1,218,281.9	12,318,081.0	0.00				Average	
		point31	31	1,218,084.4	12,318,084.0	0.00				Average	
		point32	32	1,217,627.1	12,318,092.0	0.00				Average	
		point33	33	1,217,531.5	12,318,094.0	0.00				Average	
		point34	34	1,217,493.8	12,318,095.0	0.00				Average	
		point35	35	1,217,367.1	12,318,097.0	0.00				Average	
		point36	36	1,217,218.9	12,318,100.0	0.00				Average	
		point37	37	1,217,035.8	12,318,103.0	0.00					
East Palm Ave	40.0	point75	75	1,216,966.0	12,318,636.0	0.00				Average	
		point76	76	1,216,777.5	12,318,638.0	0.00				Average	
		point77	77	1,216,703.0	12,318,639.0	0.00				Average	
		point78	78	1,216,385.8	12,318,643.0	0.00				Average	
		point79	79	1,216,167.8	12,318,646.0	0.00				Average	
		point80	80	1,215,231.9	12,318,658.0	0.00					
East Mariposa Ave	40.0	point81	81	1,216,945.1	12,318,104.0	0.00				Average	
		point82	82	1,216,685.1	12,318,106.0	0.00				Average	
		point83	83	1,216,493.5	12,318,108.0	0.00				Average	
		point84	84	1,216,354.2	12,318,110.0	0.00				Average	
		point85	85	1,216,163.8	12,318,112.0	0.00				Average	
		point86	86	1,216,027.4	12,318,114.0	0.00				Average	
		point87	87	1,215,703.5	12,318,118.0	0.00				Average	
		point88	88	1,215,370.4	12,318,122.0	0.00				Average	
		point89	89	1,215,224.5	12,318,123.0	0.00				Average	
		point90	90	1,215,047.1	12,318,125.0	0.00				Average	
		point91	91	1,214,893.1	12,318,127.0	0.00				Average	

		point92	92	1,214,766.2	12,318,129.0	0.00				Average	
		point93	93	1,214,711.8	12,318,129.0	0.00					
Indiana Street	35.0	point112	112	1,216,685.1	12,318,094.0	0.00				Average	
		point113	113	1,216,679.6	12,317,596.0	0.00				Average	
		point114	114	1,216,674.2	12,317,417.0	0.00				Average	
		point115	115	1,216,673.6	12,317,396.0	0.00				Average	
		point116	116	1,216,664.6	12,317,097.0	0.00				Average	
		point117	117	1,216,666.9	12,316,873.0	0.00				Average	
		point118	118	1,216,669.8	12,316,581.0	0.00					
PCH S	50.0	point49	49	1,217,021.0	12,316,033.0	0.00				Average	
		point50	50	1,217,022.1	12,316,078.0	0.00				Average	
		point51	51	1,217,025.0	12,316,188.0	0.00				Average	
		point52	52	1,217,026.2	12,316,238.0	0.00				Average	
		point54	54	1,217,001.1	12,316,587.0	0.00				Average	
		point55	55	1,216,988.4	12,316,718.0	0.00				Average	
		point56	56	1,216,979.0	12,316,818.0	0.00				Average	
		point63	63	1,216,970.1	12,316,914.0	0.00				Average	
		point58	58	1,216,950.1	12,317,106.0	0.00				Average	
		point59	59	1,216,947.9	12,317,274.0	0.00				Average	
		point60	60	1,216,950.4	12,317,398.0	0.00				Average	
		point64	64	1,216,951.1	12,317,438.0	0.00				Average	
		point65	65	1,216,954.1	12,317,617.0	0.00				Average	
		point66	66	1,216,959.0	12,317,908.0	0.00				Average	
		point68	68	1,216,962.2	12,318,102.0	0.00					
PCH North	50.0	point45	45	1,217,083.8	12,316,297.0	0.00				Average	
		point46	46	1,217,068.1	12,316,539.0	0.00				Average	
		point43	43	1,217,065.1	12,316,586.0	0.00				Average	
		point47	47	1,217,022.5	12,316,958.0	0.00				Average	
		point42	42	1,217,005.6	12,317,105.0	0.00				Average	
		point41	41	1,217,004.5	12,317,360.0	0.00				Average	
		point38	38	1,217,013.8	12,317,833.0	0.00				Average	
		point29	29	1,217,019.0	12,318,102.0	0.00					
PCH S-2	50.0	point122	122	1,216,966.0	12,318,636.0	0.00				Average	
		point8	8	1,216,967.8	12,318,761.0	0.00				Average	
		point9	9	1,216,970.5	12,318,959.0	0.00				Average	
		point10	10	1,216,972.0	12,319,076.0	0.00				Average	
		point11	11	1,216,973.2	12,319,166.0	0.00				Average	
		point12	12	1,216,973.8	12,319,204.0	0.00				Average	
		point13	13	1,216,974.1	12,319,234.0	0.00				Average	

		point14	14	1,216,974.5	12,319,258.0	0.00				Average	
		point16	16	1,216,975.6	12,319,339.0	0.00				Average	
		point17	17	1,216,976.8	12,319,474.0	0.00				Average	
		point18	18	1,216,977.2	12,319,538.0	0.00					
PCH North-2	50.0	point123	123	1,217,019.8	12,318,635.0	0.00				Average	
		point21	21	1,217,025.1	12,319,036.0	0.00				Average	
		point19	19	1,217,029.1	12,319,337.0	0.00				Average	
		point20	20	1,217,031.9	12,319,532.0	0.00					
PCH S-2	50.0	point124	124	1,216,962.2	12,318,102.0	0.00				Average	
		point69	69	1,216,964.2	12,318,299.0	0.00				Average	
		point70	70	1,216,965.2	12,318,409.0	0.00				Average	
		point72	72	1,216,965.4	12,318,415.0	0.00				Average	
		point73	73	1,216,966.1	12,318,470.0	0.00				Average	
		point7	7	1,216,966.0	12,318,636.0	0.00					
PCH North-2	50.0	point125	125	1,217,019.0	12,318,102.0	0.00				Average	
		point28	28	1,217,019.4	12,318,390.0	0.00				Average	
		point25	25	1,217,019.4	12,318,408.0	0.00				Average	
		point23	23	1,217,019.8	12,318,635.0	0.00					

Dudek 22 June 2020
CB TNM 2.5

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: Pacific Coast Commons
RUN: Existing

Roadway Name	Points Name	No.	Segment Autos V veh/hr	Autos S mph	MTrucks V veh/hr	MTrucks S mph	HTrucks V veh/hr	HTrucks S mph	Buses V veh/hr	Buses S mph	Motorcycles V veh/hr	Motorcycles S mph
East Mariposa Avenue	point30	30	1152	40	23	40	11	40	0	0	0	0
	point31	31	1152	40	23	40	11	40	0	0	0	0
	point32	32	1152	40	23	40	11	40	0	0	0	0
	point33	33	1152	40	23	40	11	40	0	0	0	0
	point34	34	1152	40	23	40	11	40	0	0	0	0
	point35	35	1152	40	23	40	11	40	0	0	0	0
	point36	36	1152	40	23	40	11	40	0	0	0	0
	point37	37										
East Palm Ave	point75	75	55	25	1	25	0	0	0	0	0	0
	point76	76	55	25	1	25	0	0	0	0	0	0
	point77	77	55	25	1	25	0	0	0	0	0	0
	point78	78	55	25	1	25	0	0	0	0	0	0
	point79	79	55	25	1	25	0	0	0	0	0	0
	point80	80										
East Mariposa Ave	point81	81	742	25	15	25	7	25	0	0	0	0
	point82	82	742	25	15	25	7	25	0	0	0	0
	point83	83	742	25	15	25	7	25	0	0	0	0
	point84	84	742	25	15	25	7	25	0	0	0	0
	point85	85	742	25	15	25	7	25	0	0	0	0
	point86	86	742	25	15	25	7	25	0	0	0	0
	point87	87	742	25	15	25	7	25	0	0	0	0
	point88	88	742	25	15	25	7	25	0	0	0	0
	point89	89	742	25	15	25	7	25	0	0	0	0

	point90	90	742	25	15	25	7	25	0	0	0	0
	point91	91	742	25	15	25	7	25	0	0	0	0
	point92	92	742	25	15	25	7	25	0	0	0	0
	point93	93										
Indiana Street	point112	112	133	25	2	25	1	25	0	0	0	0
	point113	113	133	25	2	25	1	25	0	0	0	0
	point114	114	133	25	2	25	1	25	0	0	0	0
	point115	115	133	25	2	25	1	25	0	0	0	0
	point116	116	133	25	2	25	1	25	0	0	0	0
	point117	117	133	25	2	25	1	25	0	0	0	0
	point118	118										
PCH S	point49	49	2249	35	46	35	23	35	0	0	0	0
	point50	50	2249	35	46	35	23	35	0	0	0	0
	point51	51	2249	35	46	35	23	35	0	0	0	0
	point52	52	2249	35	46	35	23	35	0	0	0	0
	point54	54	2249	35	46	35	23	35	0	0	0	0
	point55	55	2249	35	46	35	23	35	0	0	0	0
	point56	56	2249	35	46	35	23	35	0	0	0	0
	point63	63	2249	35	46	35	23	35	0	0	0	0
	point58	58	2249	35	46	35	23	35	0	0	0	0
	point59	59	2249	35	46	35	23	35	0	0	0	0
	point60	60	2249	35	46	35	23	35	0	0	0	0
	point64	64	2249	35	46	35	23	35	0	0	0	0
	point65	65	2249	35	46	35	23	35	0	0	0	0
	point66	66	2249	35	46	35	23	35	0	0	0	0
	point68	68										
PCH North	point45	45	2249	35	46	35	23	35	0	0	0	0
	point46	46	2249	35	46	35	23	35	0	0	0	0
	point43	43	2249	35	46	35	23	35	0	0	0	0
	point47	47	2249	35	46	35	23	35	0	0	0	0
	point42	42	2249	35	46	35	23	35	0	0	0	0
	point41	41	2249	35	46	35	23	35	0	0	0	0
	point38	38	2249	35	46	35	23	35	0	0	0	0
	point29	29										
PCH S-2	point122	122	2353	35	48	35	24	35	0	0	0	0
	point8	8	2353	35	48	35	24	35	0	0	0	0

	point9	9	2353	35	48	35	24	35	0	0	0	0
	point10	10	2353	35	48	35	24	35	0	0	0	0
	point11	11	2353	35	48	35	24	35	0	0	0	0
	point12	12	2353	35	48	35	24	35	0	0	0	0
	point13	13	2353	35	48	35	24	35	0	0	0	0
	point14	14	2353	35	48	35	24	35	0	0	0	0
	point16	16	2353	35	48	35	24	35	0	0	0	0
	point17	17	2353	35	48	35	24	35	0	0	0	0
	point18	18										
PCH North-2	point123	123	2353	35	48	35	24	35	0	0	0	0
	point21	21	2353	35	48	35	24	35	0	0	0	0
	point19	19	2353	35	48	35	24	35	0	0	0	0
	point20	20										
PCH S-2	point124	124	2353	35	48	35	24	35	0	0	0	0
	point69	69	2353	35	48	35	24	35	0	0	0	0
	point70	70	2353	35	48	35	24	35	0	0	0	0
	point72	72	2353	35	48	35	24	35	0	0	0	0
	point73	73	2353	35	48	35	24	35	0	0	0	0
	point7	7										
PCH North-2	point125	125	2353	35	48	35	24	35	0	0	0	0
	point28	28	2353	35	48	35	24	35	0	0	0	0
	point25	25	2353	35	48	35	24	35	0	0	0	0
	point23	23										

Dudek 22 June 2020
CB TNM 2.5

INPUT: RECEIVERS
PROJECT/CONTRACT: Pacific Coast Commons
RUN: Existing

Receiver Name	No.	#DUs	Coordinates (ground) X	Y	Z	Height above Ground	Input Sound Levels and Criteria Existing LAeq1h	Impact Criteria LAeq1h	Impact Criteria Sub'l	NR Goal	Active in Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
ST1	1	1	1,216,634.9	12,317,261.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST2	2	1	1,216,646.6	12,317,842.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST3	3	1	1,216,899.0	12,317,149.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST4	4	1	1,216,527.9	12,318,139.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST5	5	1	1,216,669.2	12,318,605.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST6	6	1	1,216,911.0	12,318,372.0	0.00	4.92	0.00	66	10.0	8.0	Y

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INPUT: BARRIERS
PROJECT/CONTRACT: Pacific Coast Commons
RUN: Existing

Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	$ per Unit Area	$ per Unit Vol.	Top Width	Run:Rise	$ per Unit Length			X	Y	Z	at Point	Seg Ht Incre-ment	Perturbs #Up	#Dn	On Struct?	Important Reflec-tions?
		ft	ft	$/sq ft	$/cu yd	ft	ft:ft	$/ft			ft	ft	ft	ft	ft				
Barrier12	W	0.00	99.99	0.00				0.00	point76	76	1,216,702.6	12,317,551.0	0.00	95.00	0.00	0	0		
									point77	77	1,216,702.2	12,317,517.0	0.00	95.00	0.00	0	0		
									point78	78	1,216,904.0	12,317,515.0	0.00	95.00	0.00	0	0		
									point79	79	1,216,904.4	12,317,548.0	0.00	95.00	0.00	0	0		
									point80	80	1,216,908.1	12,317,548.0	0.00	95.00	0.00	0	0		
									point81	81	1,216,908.5	12,317,576.0	0.00	95.00	0.00	0	0		
									point82	82	1,216,893.2	12,317,576.0	0.00	95.00	0.00	0	0		
									point83	83	1,216,879.5	12,317,576.0	0.00	95.00	0.00	0	0		
									point84	84	1,216,879.4	12,317,573.0	0.00	95.00	0.00	0	0		
									point85	85	1,216,712.0	12,317,575.0	0.00	95.00	0.00	0	0		
									point86	86	1,216,711.6	12,317,551.0	0.00	95.00	0.00	0	0		
									point87	87	1,216,702.6	12,317,551.0	0.00	95.00					
Barrier13	W	0.00	99.99	0.00				0.00	point89	89	1,216,849.1	12,318,180.0	0.00	15.00	0.00	0	0		
									point90	90	1,216,850.2	12,318,244.0	0.00	15.00	0.00	0	0		
									point91	91	1,216,816.5	12,318,245.0	0.00	15.00	0.00	0	0		
									point92	92	1,216,815.4	12,318,180.0	0.00	15.00	0.00	0	0		
									point93	93	1,216,849.1	12,318,180.0	0.00	15.00					
Barrier16	W	0.00	99.99	0.00				0.00	point107	107	1,216,851.9	12,318,598.0	0.00	15.00	0.00	0	0		
									point108	108	1,216,809.9	12,318,599.0	0.00	15.00	0.00	0	0		
									point109	109	1,216,809.4	12,318,553.0	0.00	15.00	0.00	0	0		
									point110	110	1,216,846.5	12,318,552.0	0.00	15.00	0.00	0	0		
									point111	111	1,216,846.5	12,318,548.0	0.00	15.00	0.00	0	0		
									point112	112	1,216,864.5	12,318,548.0	0.00	15.00	0.00	0	0		
									point113	113	1,216,864.6	12,318,550.0	0.00	15.00	0.00	0	0		
									point114	114	1,216,891.4	12,318,549.0	0.00	15.00	0.00	0	0		
									point115	115	1,216,891.8	12,318,579.0	0.00	15.00	0.00	0	0		
									point116	116	1,216,886.0	12,318,579.0	0.00	15.00	0.00	0	0		
									point117	117	1,216,886.1	12,318,592.0	0.00	15.00	0.00	0	0		
									point118	118	1,216,883.5	12,318,592.0	0.00	15.00	0.00	0	0		
									point119	119	1,216,883.5	12,318,595.0	0.00	15.00	0.00	0	0		
									point120	120	1,216,851.9	12,318,595.0	0.00	15.00	0.00	0	0		
									point121	121	1,216,851.9	12,318,598.0	0.00	15.00					
Barrier17	W	0.00	99.99	0.00				0.00	point122	122	1,216,725.8	12,317,602.0	0.00	95.00	0.00	0	0		
									point123	123	1,216,705.5	12,317,600.0	0.00	95.00	0.00	0	0		
									point124	124	1,216,704.8	12,317,612.0	0.00	95.00	0.00	0	0		

									point125	125	1,216,699.9	12,317,612.0	0.00	95.00	0.00	0	0		
									point126	126	1,216,705.8	12,317,927.0	0.00	95.00	0.00	0	0		
									point127	127	1,216,709.9	12,317,926.0	0.00	95.00	0.00	0	0		
									point128	128	1,216,710.9	12,317,932.0	0.00	95.00	0.00	0	0		
									point129	129	1,216,733.0	12,317,933.0	0.00	95.00	0.00	0	0		
									point130	130	1,216,727.4	12,317,598.0	0.00	95.00					
Barrier18	W	0.00	99.99	0.00				0.00	point132	132	1,216,894.4	12,317,634.0	0.00	25.00	0.00	0	0		
									point133	133	1,216,747.9	12,317,632.0	0.00	25.00	0.00	0	0		
									point134	134	1,216,754.4	12,317,932.0	0.00	25.00	0.00	0	0		
									point135	135	1,216,784.5	12,317,932.0	0.00	25.00	0.00	0	0		
									point136	136	1,216,783.8	12,317,870.0	0.00	25.00	0.00	0	0		
									point137	137	1,216,899.2	12,317,868.0	0.00	25.00	0.00	0	0		
									point138	138	1,216,894.4	12,317,634.0	0.00	25.00					
Barrier19	W	0.00	99.99	0.00				0.00	point140	140	1,216,827.5	12,317,444.0	0.00	25.00	0.00	0	0		
									point141	141	1,216,881.2	12,317,444.0	0.00	25.00	0.00	0	0		
									point142	142	1,216,883.6	12,317,501.0	0.00	25.00	0.00	0	0		
									point143	143	1,216,829.1	12,317,500.0	0.00	25.00					

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22 June 2020
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: Pacific Coast Commons
RUN: Existing
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
ST1	1	1	0.0	59.0	66	59.0	10	----	59.0	0.0	8	-8.0
ST2	2	1	0.0	55.0	66	55.0	10	----	55.0	0.0	8	-8.0
ST3	3	1	0.0	69.5	66	69.5	10	Snd Lvl	69.5	0.0	8	-8.0
ST4	4	1	0.0	63.0	66	63.0	10	----	63.0	0.0	8	-8.0
ST5	5	1	0.0	59.2	66	59.2	10	----	59.2	0.0	8	-8.0
ST6	6	1	0.0	69.5	66	69.5	10	Snd Lvl	69.5	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	6	0.0	0.0	0.0
All Impacted	2	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

<Organization?> 22 June 2020
<Analysis By?> TNM 2.5

INPUT: ROADWAYS
PROJECT/CONTRACT: <Project Name?>
RUN: <Run Title?>

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points Name	No.	Coordinates (pavement) X	Y	Z	Flow Control Control Device	Speed Constraint	Percent Vehicles Affected	Segment Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
East Mariposa Avenue	40.0	point30	30	1,218,281.9	12,318,081.0	0.00				Average	
		point31	31	1,218,084.4	12,318,084.0	0.00				Average	
		point32	32	1,217,627.1	12,318,092.0	0.00				Average	
		point33	33	1,217,531.5	12,318,094.0	0.00				Average	
		point34	34	1,217,493.8	12,318,095.0	0.00				Average	
		point35	35	1,217,367.1	12,318,097.0	0.00				Average	
		point36	36	1,217,218.9	12,318,100.0	0.00				Average	
		point37	37	1,217,035.8	12,318,103.0	0.00					
East Palm Ave	40.0	point75	75	1,216,966.0	12,318,636.0	0.00				Average	
		point76	76	1,216,777.5	12,318,638.0	0.00				Average	
		point77	77	1,216,703.0	12,318,639.0	0.00				Average	
		point78	78	1,216,385.8	12,318,643.0	0.00				Average	
		point79	79	1,216,167.8	12,318,646.0	0.00				Average	
		point80	80	1,215,231.9	12,318,658.0	0.00					
East Mariposa Ave	40.0	point81	81	1,216,945.1	12,318,104.0	0.00				Average	
		point82	82	1,216,685.1	12,318,106.0	0.00				Average	
		point83	83	1,216,493.5	12,318,108.0	0.00				Average	
		point84	84	1,216,354.2	12,318,110.0	0.00				Average	
		point85	85	1,216,163.8	12,318,112.0	0.00				Average	
		point86	86	1,216,027.4	12,318,114.0	0.00				Average	
		point87	87	1,215,703.5	12,318,118.0	0.00				Average	
		point88	88	1,215,370.4	12,318,122.0	0.00				Average	
		point89	89	1,215,224.5	12,318,123.0	0.00				Average	
		point90	90	1,215,047.1	12,318,125.0	0.00				Average	
		point91	91	1,214,893.1	12,318,127.0	0.00				Average	

		point92	92	1,214,766.2	12,318,129.0	0.00				Average	
		point93	93	1,214,711.8	12,318,129.0	0.00					
Indiana Street	35.0	point112	112	1,216,679.4	12,318,094.0	0.00				Average	
		point113	113	1,216,673.9	12,317,596.0	0.00				Average	
		point114	114	1,216,668.5	12,317,417.0	0.00				Average	
		point115	115	1,216,667.9	12,317,396.0	0.00				Average	
		point116	116	1,216,658.9	12,317,097.0	0.00				Average	
		point117	117	1,216,661.1	12,316,873.0	0.00				Average	
		point118	118	1,216,664.0	12,316,581.0	0.00					
PCH S	50.0	point49	49	1,217,021.0	12,316,033.0	0.00				Average	
		point50	50	1,217,022.1	12,316,078.0	0.00				Average	
		point51	51	1,217,025.0	12,316,188.0	0.00				Average	
		point52	52	1,217,026.2	12,316,238.0	0.00				Average	
		point54	54	1,217,001.1	12,316,587.0	0.00				Average	
		point55	55	1,216,988.4	12,316,718.0	0.00				Average	
		point56	56	1,216,979.0	12,316,818.0	0.00				Average	
		point63	63	1,216,970.1	12,316,914.0	0.00				Average	
		point58	58	1,216,950.1	12,317,106.0	0.00				Average	
		point59	59	1,216,947.9	12,317,274.0	0.00				Average	
		point60	60	1,216,950.4	12,317,398.0	0.00				Average	
		point64	64	1,216,951.1	12,317,438.0	0.00				Average	
		point65	65	1,216,954.1	12,317,617.0	0.00				Average	
		point66	66	1,216,959.0	12,317,908.0	0.00				Average	
		point68	68	1,216,962.2	12,318,102.0	0.00					
PCH North	50.0	point45	45	1,217,083.8	12,316,297.0	0.00				Average	
		point46	46	1,217,068.1	12,316,539.0	0.00				Average	
		point43	43	1,217,065.1	12,316,586.0	0.00				Average	
		point47	47	1,217,022.5	12,316,958.0	0.00				Average	
		point42	42	1,217,005.6	12,317,105.0	0.00				Average	
		point41	41	1,217,004.5	12,317,360.0	0.00				Average	
		point38	38	1,217,013.8	12,317,833.0	0.00				Average	
		point29	29	1,217,019.0	12,318,102.0	0.00					
PCH S-2	50.0	point122	122	1,216,966.0	12,318,636.0	0.00				Average	
		point8	8	1,216,967.8	12,318,761.0	0.00				Average	
		point9	9	1,216,970.5	12,318,959.0	0.00				Average	
		point10	10	1,216,972.0	12,319,076.0	0.00				Average	
		point11	11	1,216,973.2	12,319,166.0	0.00				Average	
		point12	12	1,216,973.8	12,319,204.0	0.00				Average	
		point13	13	1,216,974.1	12,319,234.0	0.00				Average	

		point14	14	1,216,974.5	12,319,258.0	0.00				Average	
		point16	16	1,216,975.6	12,319,339.0	0.00				Average	
		point17	17	1,216,976.8	12,319,474.0	0.00				Average	
		point18	18	1,216,977.2	12,319,538.0	0.00					
PCH North-2	50.0	point123	123	1,217,019.8	12,318,635.0	0.00				Average	
		point21	21	1,217,025.1	12,319,036.0	0.00				Average	
		point19	19	1,217,029.1	12,319,337.0	0.00				Average	
		point20	20	1,217,031.9	12,319,532.0	0.00					
PCH S-2	50.0	point124	124	1,216,962.2	12,318,102.0	0.00				Average	
		point69	69	1,216,964.2	12,318,299.0	0.00				Average	
		point70	70	1,216,965.2	12,318,409.0	0.00				Average	
		point72	72	1,216,965.4	12,318,415.0	0.00				Average	
		point73	73	1,216,966.1	12,318,470.0	0.00				Average	
		point7	7	1,216,966.0	12,318,636.0	0.00					
PCH North-2	50.0	point125	125	1,217,019.0	12,318,102.0	0.00				Average	
		point28	28	1,217,019.4	12,318,390.0	0.00				Average	
		point25	25	1,217,019.4	12,318,408.0	0.00				Average	
		point23	23	1,217,019.8	12,318,635.0	0.00					

<Organization?> 22 June 2020
<Analysis By?> TNM 2.5

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: <Project Name?>
RUN: <Run Title?>

Roadway	Points		Segment									
Name	Name	No.	Autos		MTrucks		HTrucks		Buses		Motorcycles	
			V	S	V	S	V	S	V	S	V	S
			veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph	veh/hr	mph
East Mariposa Avenue	point30	30	1154	40	23	40	11	40	0	0	0	0
	point31	31	1154	40	23	40	11	40	0	0	0	0
	point32	32	1154	40	23	40	11	40	0	0	0	0
	point33	33	1154	40	23	40	11	40	0	0	0	0
	point34	34	1154	40	23	40	11	40	0	0	0	0
	point35	35	1154	40	23	40	11	40	0	0	0	0
	point36	36	1154	40	23	40	11	40	0	0	0	0
	point37	37										
East Palm Ave	point75	75	82	25	1	25	0	0	0	0	0	0
	point76	76	82	25	1	25	0	0	0	0	0	0
	point77	77	82	25	1	25	0	0	0	0	0	0
	point78	78	82	25	1	25	0	0	0	0	0	0
	point79	79	82	25	1	25	0	0	0	0	0	0
	point80	80										
East Mariposa Ave	point81	81	813	25	16	25	8	25	0	0	0	0
	point82	82	813	25	16	25	8	25	0	0	0	0
	point83	83	813	25	16	25	8	25	0	0	0	0
	point84	84	813	25	16	25	8	25	0	0	0	0
	point85	85	813	25	16	25	8	25	0	0	0	0
	point86	86	813	25	16	25	8	25	0	0	0	0
	point87	87	813	25	16	25	8	25	0	0	0	0
	point88	88	813	25	16	25	8	25	0	0	0	0
	point89	89	813	25	16	25	8	25	0	0	0	0

	point90	90	813	25	16	25	8	25	0	0	0	0
	point91	91	813	25	16	25	8	25	0	0	0	0
	point92	92	813	25	16	25	8	25	0	0	0	0
	point93	93										
Indiana Street	point112	112	170	25	3	25	1	25	0	0	0	0
	point113	113	170	25	3	25	1	25	0	0	0	0
	point114	114	170	25	3	25	1	25	0	0	0	0
	point115	115	170	25	3	25	1	25	0	0	0	0
	point116	116	170	25	3	25	1	25	0	1	0	0
	point117	117	170	25	3	25	1	25	0	0	0	0
	point118	118										
PCH S	point49	49	2287	35	47	35	23	35	0	0	0	0
	point50	50	2287	35	47	35	23	35	0	0	0	0
	point51	51	2287	35	47	35	23	35	0	0	0	0
	point52	52	2287	35	47	35	23	35	0	0	0	0
	point54	54	2287	35	47	35	23	35	0	0	0	0
	point55	55	2287	35	47	35	23	35	0	0	0	0
	point56	56	2287	35	47	35	23	35	0	0	0	0
	point63	63	2287	35	47	35	23	35	0	0	0	0
	point58	58	2287	35	47	35	23	35	0	0	0	0
	point59	59	2287	35	47	35	23	35	0	0	0	0
	point60	60	2287	35	47	35	23	35	0	0	0	0
	point64	64	2287	35	47	35	23	35	0	0	0	0
	point65	65	2287	35	47	35	23	35	0	0	0	0
	point66	66	2287	35	47	35	23	35	0	0	0	0
	point68	68										
PCH North	point45	45	2287	35	47	35	23	35	0	0	0	0
	point46	46	2287	35	47	35	23	35	0	0	0	0
	point43	43	2287	35	47	35	23	35	0	0	0	0
	point47	47	2287	35	47	35	23	35	0	0	0	0
	point42	42	2287	35	47	35	23	35	0	0	0	0
	point41	41	2287	35	47	35	23	35	0	0	0	0
	point38	38	2287	35	47	35	23	35	0	0	0	0
	point29	29										
PCH S-2	point122	122	2412	35	49	35	24	35	0	0	0	0
	point8	8	2412	35	49	35	24	35	0	0	0	0

	point9	9	2412	35	49	35	24	35	0	0	0	0
	point10	10	2412	35	49	35	24	35	0	0	0	0
	point11	11	2412	35	49	35	24	35	0	0	0	0
	point12	12	2412	35	49	35	24	35	0	0	0	0
	point13	13	2412	35	49	35	24	35	0	0	0	0
	point14	14	2412	35	49	35	24	35	0	0	0	0
	point16	16	2412	35	49	35	24	35	0	0	0	0
	point17	17	2412	35	49	35	24	35	0	0	0	0
	point18	18										
PCH North-2	point123	123	2412	35	49	35	24	35	0	0	0	0
	point21	21	2412	35	49	35	24	35	0	0	0	0
	point19	19	2412	35	49	35	24	35	0	0	0	0
	point20	20										
PCH S-2	point124	124	2395	35	49	35	24	35	0	0	0	0
	point69	69	2395	35	49	35	24	35	0	0	0	0
	point70	70	2395	35	49	35	24	35	0	0	0	0
	point72	72	2395	35	49	35	24	35	0	0	0	0
	point73	73	2395	35	49	35	24	35	0	0	0	0
	point7	7										
PCH North-2	point125	125	2395	35	49	35	24	35	0	0	0	0
	point28	28	2395	35	49	35	24	35	0	0	0	0
	point25	25	2395	35	49	35	24	35	0	0	0	0
	point23	23										

<Organization?>
<Analysis By?>

22 June 2020
TNM 2.5

INPUT: RECEIVERS
PROJECT/CONTRACT: <Project Name?>
RUN: <Run Title?>

Receiver Name	No.	#DUs	Coordinates (ground) X	Y	Z	Height above Ground	Input Sound Levels and Criteria: Existing LAeq1h	Impact Criteria LAeq1h	Impact Criteria Sub'l	NR Goal	Active in Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
ST1	1	1	1,216,634.9	12,317,261.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST2	2	1	1,216,646.6	12,317,842.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST3	3	1	1,216,899.0	12,317,149.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST4	4	1	1,216,527.9	12,318,139.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST5	5	1	1,216,669.2	12,318,605.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST6	6	1	1,216,911.0	12,318,372.0	0.00	4.92	0.00	66	10.0	8.0	Y
M1-1	9	1	1,216,702.8	12,317,207.0	0.00	4.92	0.00	66	10.0	8.0	Y
M1-2	10	1	1,216,702.8	12,317,207.0	0.00	14.92	0.00	66	10.0	8.0	Y
M1-3	11	1	1,216,702.8	12,317,207.0	0.00	24.92	0.00	66	10.0	8.0	Y
M1-4	12	1	1,216,702.8	12,317,207.0	0.00	34.92	0.00	66	10.0	8.0	Y
M1-5	13	1	1,216,702.8	12,317,207.0	0.00	44.92	0.00	66	10.0	8.0	Y
M1-6	14	1	1,216,702.8	12,317,207.0	0.00	54.92	0.00	66	10.0	8.0	Y
M2-1	15	1	1,216,780.9	12,317,150.0	0.00	4.92	0.00	66	10.0	8.0	Y
M2-2	16	1	1,216,780.9	12,317,150.0	0.00	14.92	0.00	66	10.0	8.0	Y
M2-3	17	1	1,216,780.9	12,317,150.0	0.00	24.92	0.00	66	10.0	8.0	Y
M2-4	18	1	1,216,780.9	12,317,150.0	0.00	34.92	0.00	66	10.0	8.0	Y
M2-5	19	1	1,216,780.9	12,317,150.0	0.00	44.92	0.00	66	10.0	8.0	Y
M2-6	20	1	1,216,780.9	12,317,150.0	0.00	54.92	0.00	66	10.0	8.0	Y
M3-1	21	1	1,216,913.8	12,317,249.0	0.00	4.92	0.00	66	10.0	8.0	Y
M3-2	22	1	1,216,913.8	12,317,249.0	0.00	14.92	0.00	66	10.0	8.0	Y
M3-3	23	1	1,216,913.8	12,317,249.0	0.00	24.92	0.00	66	10.0	8.0	Y
M3-4	26	1	1,216,913.8	12,317,249.0	0.00	34.92	0.00	66	10.0	8.0	Y

M3-5	27	1	1,216,913.8	12,317,249.0	0.00	44.92	0.00	66	10.0	8.0	Y
M3-6	28	1	1,216,913.8	12,317,249.0	0.00	54.92	0.00	66	10.0	8.0	Y
M4-1	29	1	1,216,915.8	12,317,982.0	0.00	4.92	0.00	66	10.0	8.0	Y
M4-2	30	1	1,216,915.8	12,317,982.0	0.00	14.92	0.00	66	10.0	8.0	Y
M4-3	31	1	1,216,915.8	12,317,982.0	0.00	24.92	0.00	66	10.0	8.0	Y
M4-4	32	1	1,216,915.8	12,317,982.0	0.00	34.92	0.00	66	10.0	8.0	Y
M4-5	33	1	1,216,915.8	12,317,982.0	0.00	44.92	0.00	66	10.0	8.0	Y
M5-1	34	1	1,216,910.4	12,318,346.0	0.00	4.92	0.00	66	10.0	8.0	Y
M5-2	35	1	1,216,910.4	12,318,346.0	0.00	14.92	0.00	66	10.0	8.0	Y
M5-3	36	1	1,216,910.4	12,318,346.0	0.00	24.92	0.00	66	10.0	8.0	Y
M5-4	37	1	1,216,910.4	12,318,346.0	0.00	34.92	0.00	66	10.0	8.0	Y
M5-5	38	1	1,216,910.4	12,318,346.0	0.00	44.92	0.00	66	10.0	8.0	Y
M5-6	39	1	1,216,910.4	12,318,346.0	0.00	54.92	0.00	66	10.0	8.0	Y
M6-1	40	1	1,216,807.2	12,318,423.0	0.00	4.92	0.00	66	10.0	8.0	Y
M6-2	41	1	1,216,807.2	12,318,423.0	0.00	14.92	0.00	66	10.0	8.0	Y
M6-3	42	1	1,216,807.2	12,318,423.0	0.00	24.92	0.00	66	10.0	8.0	Y
M6-4	43	1	1,216,807.2	12,318,423.0	0.00	34.92	0.00	66	10.0	8.0	Y
M6-5	44	1	1,216,807.2	12,318,423.0	0.00	44.92	0.00	66	10.0	8.0	Y
M6-6	45	1	1,216,807.2	12,318,423.0	0.00	54.92	0.00	66	10.0	8.0	Y
M7-1	46	1	1,216,684.2	12,318,283.0	0.00	4.92	0.00	66	10.0	8.0	Y
M7-2	48	1	1,216,684.2	12,318,283.0	0.00	14.92	0.00	66	10.0	8.0	Y
M7-3	49	1	1,216,684.2	12,318,283.0	0.00	24.92	0.00	66	10.0	8.0	Y
M7-4	50	1	1,216,684.2	12,318,283.0	0.00	34.92	0.00	66	10.0	8.0	Y
M7-5	52	1	1,216,684.2	12,318,283.0	0.00	44.92	0.00	66	10.0	8.0	Y
M7-6	53	1	1,216,684.2	12,318,283.0	0.00	54.92	0.00	66	10.0	8.0	Y
M8-1	54	1	1,216,744.5	12,318,126.0	0.00	4.92	0.00	66	10.0	8.0	Y
M8-2	56	1	1,216,744.5	12,318,126.0	0.00	14.92	0.00	66	10.0	8.0	Y
M8-3	57	1	1,216,744.5	12,318,126.0	0.00	24.92	0.00	66	10.0	8.0	Y
M8-4	58	1	1,216,744.5	12,318,126.0	0.00	34.92	0.00	66	10.0	8.0	Y
M8-5	59	1	1,216,744.5	12,318,126.0	0.00	44.92	0.00	66	10.0	8.0	Y
M8-6	60	1	1,216,744.5	12,318,126.0	0.00	54.92	0.00	66	10.0	8.0	Y
M9-1	62	1	1,216,680.9	12,318,507.0	0.00	4.92	0.00	66	10.0	8.0	Y
M9-2	63	1	1,216,680.9	12,318,507.0	0.00	14.92	0.00	66	10.0	8.0	Y
M9-3	64	1	1,216,680.9	12,318,507.0	0.00	24.92	0.00	66	10.0	8.0	Y
M9-4	65	1	1,216,680.9	12,318,507.0	0.00	34.92	0.00	66	10.0	8.0	Y

<Organization?>
<Analysis By?>
22 June 2020
TNM 2.5

INPUT: BARRIERS
PROJECT/CONTRACT: <Project Name?>
RUN: <Run Title?>

Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	$ per Unit Area	$ per Unit Vol.	Top Width	Run:Rise	$ per Unit Length			X	Y	Z	at Point	Seg Ht Incre-ment	Perturbs #Up	#Dn	On Struct?	Important Reflec-tions?
		ft	ft	$/sq ft	$/cu yd	ft	ft:ft	$/ft			ft	ft	ft	ft	ft				
Barrier10	W	0.00	99.99	0.00				0.00	point60	60	1,216,706.2	12,318,437.0	0.00	45.00	0.00	0	0		
									point61	61	1,216,683.4	12,318,438.0	0.00	45.00	0.00	0	0		
									point62	62	1,216,688.1	12,318,587.0	0.00	45.00	0.00	0	0		
									point63	63	1,216,713.4	12,318,587.0	0.00	45.00	0.00	0	0		
									point64	64	1,216,706.2	12,318,437.0	0.00	45.00					
Barrier12	W	0.00	99.99	0.00				0.00	point76	76	1,216,702.6	12,317,551.0	0.00	95.00	0.00	0	0		
									point77	77	1,216,702.2	12,317,517.0	0.00	95.00	0.00	0	0		
									point78	78	1,216,904.0	12,317,515.0	0.00	95.00	0.00	0	0		
									point79	79	1,216,904.4	12,317,548.0	0.00	95.00	0.00	0	0		
									point80	80	1,216,908.1	12,317,548.0	0.00	95.00	0.00	0	0		
									point81	81	1,216,908.5	12,317,576.0	0.00	95.00	0.00	0	0		
									point82	82	1,216,893.2	12,317,576.0	0.00	95.00	0.00	0	0		
									point83	83	1,216,879.5	12,317,576.0	0.00	95.00	0.00	0	0		
									point84	84	1,216,879.4	12,317,573.0	0.00	95.00	0.00	0	0		
									point85	85	1,216,712.0	12,317,575.0	0.00	95.00	0.00	0	0		
									point86	86	1,216,711.6	12,317,551.0	0.00	95.00	0.00	0	0		
									point87	87	1,216,702.6	12,317,551.0	0.00	95.00					
Barrier13	W	0.00	99.99	0.00				0.00	point89	89	1,216,849.1	12,318,180.0	0.00	15.00	0.00	0	0		
									point90	90	1,216,850.2	12,318,244.0	0.00	15.00	0.00	0	0		
									point91	91	1,216,816.5	12,318,245.0	0.00	15.00	0.00	0	0		
									point92	92	1,216,815.4	12,318,180.0	0.00	15.00	0.00	0	0		
									point93	93	1,216,849.1	12,318,180.0	0.00	15.00					
Barrier16	W	0.00	99.99	0.00				0.00	point107	107	1,216,851.9	12,318,598.0	0.00	15.00	0.00	0	0		
									point108	108	1,216,809.9	12,318,599.0	0.00	15.00	0.00	0	0		
									point109	109	1,216,809.4	12,318,553.0	0.00	15.00	0.00	0	0		
									point110	110	1,216,846.5	12,318,552.0	0.00	15.00	0.00	0	0		
									point111	111	1,216,846.5	12,318,548.0	0.00	15.00	0.00	0	0		
									point112	112	1,216,864.5	12,318,548.0	0.00	15.00	0.00	0	0		
									point113	113	1,216,864.6	12,318,550.0	0.00	15.00	0.00	0	0		
									point114	114	1,216,891.4	12,318,549.0	0.00	15.00	0.00	0	0		
									point115	115	1,216,891.8	12,318,579.0	0.00	15.00	0.00	0	0		
									point116	116	1,216,886.0	12,318,579.0	0.00	15.00	0.00	0	0		
									point117	117	1,216,886.1	12,318,592.0	0.00	15.00	0.00	0	0		
									point118	118	1,216,883.5	12,318,592.0	0.00	15.00	0.00	0	0		
									point119	119	1,216,883.5	12,318,595.0	0.00	15.00	0.00	0	0		

									point120	120	1,216,851.9	12,318,595.0	0.00	15.00	0.00	0	0	
									point121	121	1,216,851.9	12,318,598.0	0.00	15.00				
Barrier17	W	0.00	99.99	0.00				0.00	point122	122	1,216,720.6	12,317,604.0	0.00	95.00	0.00	0	0	
									point123	123	1,216,700.4	12,317,602.0	0.00	95.00	0.00	0	0	
									point124	124	1,216,699.6	12,317,614.0	0.00	95.00	0.00	0	0	
									point125	125	1,216,694.8	12,317,614.0	0.00	95.00	0.00	0	0	
									point126	126	1,216,700.6	12,317,929.0	0.00	95.00	0.00	0	0	
									point127	127	1,216,704.8	12,317,928.0	0.00	95.00	0.00	0	0	
									point128	128	1,216,705.8	12,317,934.0	0.00	95.00	0.00	0	0	
									point129	129	1,216,727.9	12,317,935.0	0.00	95.00	0.00	0	0	
									point130	130	1,216,722.2	12,317,600.0	0.00	95.00				
Barrier18	W	0.00	99.99	0.00				0.00	point132	132	1,216,894.4	12,317,634.0	0.00	25.00	0.00	0	0	
									point133	133	1,216,747.9	12,317,632.0	0.00	25.00	0.00	0	0	
									point134	134	1,216,754.4	12,317,932.0	0.00	25.00	0.00	0	0	
									point135	135	1,216,784.5	12,317,932.0	0.00	25.00	0.00	0	0	
									point136	136	1,216,783.8	12,317,870.0	0.00	25.00	0.00	0	0	
									point137	137	1,216,899.2	12,317,868.0	0.00	25.00	0.00	0	0	
									point138	138	1,216,894.4	12,317,634.0	0.00	25.00				
Barrier19	W	0.00	99.99	0.00				0.00	point140	140	1,216,827.5	12,317,444.0	0.00	25.00	0.00	0	0	
									point141	141	1,216,881.2	12,317,444.0	0.00	25.00	0.00	0	0	
									point142	142	1,216,883.6	12,317,501.0	0.00	25.00	0.00	0	0	
									point143	143	1,216,829.1	12,317,500.0	0.00	25.00				
Barrier20	W	0.00	99.99	0.00				0.00	point144	144	1,216,912.9	12,317,921.0	0.00	52.00	0.00	0	0	
									point145	145	1,216,789.2	12,317,919.0	0.00	52.00	0.00	0	0	
									point146	146	1,216,788.5	12,317,935.0	0.00	52.00	0.00	0	0	
									point147	147	1,216,705.2	12,317,938.0	0.00	52.00	0.00	0	0	
									point148	148	1,216,706.8	12,318,082.0	0.00	52.00	0.00	0	0	
									point149	149	1,216,876.4	12,318,082.0	0.00	52.00	0.00	0	0	
									point150	150	1,216,876.5	12,318,063.0	0.00	52.00	0.00	0	0	
									point151	151	1,216,915.6	12,318,062.0	0.00	52.00	0.00	0	0	
									point152	152	1,216,912.5	12,317,923.0	0.00	52.00				
Barrier22	W	0.00	99.99	0.00				0.00	point153	153	1,216,795.4	12,318,129.0	0.00	60.00	0.00	0	0	
									point154	154	1,216,796.1	12,318,276.0	0.00	60.00	0.00	0	0	
									point155	155	1,216,908.1	12,318,278.0	0.00	60.00	0.00	0	0	
									point156	156	1,216,907.6	12,318,418.0	0.00	60.00	0.00	0	0	
									point157	157	1,216,690.8	12,318,421.0	0.00	60.00	0.00	0	0	
									point158	158	1,216,684.5	12,318,129.0	0.00	60.00	0.00	0	0	
									point159	159	1,216,795.4	12,318,129.0	0.00	60.00				
Barrier23	W	0.00	99.99	0.00				0.00	point160	160	1,216,691.8	12,317,390.0	0.00	60.00	0.00	0	0	
									point161	161	1,216,689.8	12,317,271.0	0.00	60.00	0.00	0	0	
									point162	162	1,216,705.8	12,317,270.0	0.00	60.00	0.00	0	0	
									point163	163	1,216,706.0	12,317,154.0	0.00	60.00	0.00	0	0	
									point164	164	1,216,858.6	12,317,150.0	0.00	60.00	0.00	0	0	
									point165	165	1,216,858.6	12,317,170.0	0.00	60.00	0.00	0	0	
									point166	166	1,216,876.2	12,317,170.0	0.00	60.00	0.00	0	0	
									point167	167	1,216,876.0	12,317,157.0	0.00	60.00	0.00	0	0	
									point168	168	1,216,909.4	12,317,157.0	0.00	60.00	0.00	0	0	
									point169	169	1,216,913.6	12,317,342.0	0.00	60.00	0.00	0	0	
									point170	170	1,216,900.9	12,317,342.0	0.00	60.00	0.00	0	0	

									point171	171	1,216,900.2	12,317,389.0	0.00	60.00	0.00	0	0		
									point172	172	1,216,691.8	12,317,390.0	0.00	60.00					

<Organization?>
<Analysis By?>

22 June 2020
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: <Project Name?>
RUN: <Run Title?>
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
ST1	1	1	0.0	56.1	66	56.1	10	----	56.1	0.0	8	-8.0
ST2	2	1	0.0	55.9	66	55.9	10	----	55.9	0.0	8	-8.0
ST3	3	1	0.0	68.2	66	68.2	10	Snd Lvl	68.2	0.0	8	-8.0
ST4	4	1	0.0	62.7	66	62.7	10	----	62.7	0.0	8	-8.0
ST5	5	1	0.0	57.9	66	57.9	10	----	57.9	0.0	8	-8.0
ST6	6	1	0.0	69.6	66	69.6	10	Snd Lvl	69.6	0.0	8	-8.0
M1-1	9	1	0.0	53.8	66	53.8	10	----	53.8	0.0	8	-8.0
M1-2	10	1	0.0	53.7	66	53.7	10	----	53.7	0.0	8	-8.0
M1-3	11	1	0.0	53.4	66	53.4	10	----	53.4	0.0	8	-8.0
M1-4	12	1	0.0	53.2	66	53.2	10	----	53.2	0.0	8	-8.0
M1-5	13	1	0.0	53.3	66	53.3	10	----	53.3	0.0	8	-8.0
M1-6	14	1	0.0	53.0	66	53.0	10	----	53.0	0.0	8	-8.0
M2-1	15	1	0.0	60.6	66	60.6	10	----	60.6	0.0	8	-8.0
M2-2	16	1	0.0	61.2	66	61.2	10	----	61.2	0.0	8	-8.0
M2-3	17	1	0.0	61.3	66	61.3	10	----	61.3	0.0	8	-8.0
M2-4	18	1	0.0	61.5	66	61.5	10	----	61.5	0.0	8	-8.0
M2-5	19	1	0.0	61.5	66	61.5	10	----	61.5	0.0	8	-8.0
M2-6	20	1	0.0	61.4	66	61.4	10	----	61.4	0.0	8	-8.0
M3-1	21	1	0.0	71.3	66	71.3	10	Snd Lvl	71.3	0.0	8	-8.0
M3-2	22	1	0.0	70.9	66	70.9	10	Snd Lvl	70.9	0.0	8	-8.0
M3-3	23	1	0.0	70.6	66	70.6	10	Snd Lvl	70.6	0.0	8	-8.0
M3-4	26	1	0.0	70.5	66	70.5	10	Snd Lvl	70.5	0.0	8	-8.0
M3-5	27	1	0.0	70.2	66	70.2	10	Snd Lvl	70.2	0.0	8	-8.0
M3-6	28	1	0.0	70.1	66	70.1	10	Snd Lvl	70.1	0.0	8	-8.0

M4-1	29	1	0.0	70.3	66	70.3	10	Snd Lvl	70.3	0.0	8	-8.0
M4-2	30	1	0.0	70.2	66	70.2	10	Snd Lvl	70.2	0.0	8	-8.0
M4-3	31	1	0.0	70.0	66	70.0	10	Snd Lvl	70.0	0.0	8	-8.0
M4-4	32	1	0.0	69.7	66	69.7	10	Snd Lvl	69.7	0.0	8	-8.0
M4-5	33	1	0.0	69.7	66	69.7	10	Snd Lvl	69.7	0.0	8	-8.0
M5-1	34	1	0.0	69.6	66	69.6	10	Snd Lvl	69.6	0.0	8	-8.0
M5-2	35	1	0.0	69.7	66	69.7	10	Snd Lvl	69.7	0.0	8	-8.0
M5-3	36	1	0.0	69.5	66	69.5	10	Snd Lvl	69.5	0.0	8	-8.0
M5-4	37	1	0.0	69.2	66	69.2	10	Snd Lvl	69.2	0.0	8	-8.0
M5-5	38	1	0.0	69.0	66	69.0	10	Snd Lvl	69.0	0.0	8	-8.0
M5-6	39	1	0.0	69.1	66	69.1	10	Snd Lvl	69.1	0.0	8	-8.0
M6-1	40	1	0.0	60.4	66	60.4	10	----	60.4	0.0	8	-8.0
M6-2	41	1	0.0	60.9	66	60.9	10	----	60.9	0.0	8	-8.0
M6-3	42	1	0.0	62.0	66	62.0	10	----	62.0	0.0	8	-8.0
M6-4	43	1	0.0	62.4	66	62.4	10	----	62.4	0.0	1	-8.0
M6-5	44	1	0.0	62.3	66	62.3	10	----	62.3	0.0	8	-8.0
M6-6	45	1	0.0	62.2	66	62.2	10	----	62.2	0.0	8	-8.0
M7-1	46	1	0.0	50.5	66	50.5	10	----	50.5	0.0	8	-8.0
M7-2	48	1	0.0	51.3	66	51.3	10	----	51.3	0.0	8	-8.0
M7-3	49	1	0.0	51.5	66	51.5	10	----	51.5	0.0	8	-8.0
M7-4	50	1	0.0	51.7	66	51.7	10	----	51.7	0.0	8	-8.0
M7-5	52	1	0.0	51.6	66	51.6	10	----	51.6	0.0	8	-8.0
M7-6	53	1	0.0	51.6	66	51.6	10	----	51.6	0.0	8	-8.0
M8-1	54	1	0.0	65.3	66	65.3	10	----	65.3	0.0	8	-8.0
M8-2	56	1	0.0	64.6	66	64.6	10	----	64.6	0.0	8	-8.0
M8-3	57	1	0.0	64.4	66	64.4	10	----	64.4	0.0	8	-8.0
M8-4	58	1	0.0	64.3	66	64.3	10	----	64.3	0.0	8	-8.0
M8-5	59	1	0.0	64.5	66	64.5	10	----	64.5	0.0	8	-8.0
M8-6	60	1	0.0	64.5	66	64.5	10	----	64.5	0.0	8	-8.0
M9-1	62	1	0.0	44.9	66	44.9	10	----	44.9	0.0	8	-8.0
M9-2	63	1	0.0	47.9	66	47.9	10	----	47.9	0.0	8	-8.0
M9-3	64	1	0.0	48.2	66	48.2	10	----	48.2	0.0	8	-8.0
M9-4	65	1	0.0	48.3	66	48.3	10	----	48.3	0.0	8	-8.0

Dwelling Units	**# DUs**	**Noise Reduction**		
		Min	**Avg**	**Max**
		dB	**dB**	**dB**
All Selected	57	0.0	0.0	0.0
All Impacted	19	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

Dudek 22 June 2020
CB TNM 2.5

INPUT: ROADWAYS
PROJECT/CONTRACT: Pacific Coast Commons
RUN: Future

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points Name	No.	Coordinates (pavement) X	Y	Z	Flow Control Control Device	Speed Constraint	Percent Vehicles Affected	Segment Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
East Mariposa Avenue	40.0	point30	30	1,218,281.9	12,318,081.0	0.00				Average	
		point31	31	1,218,084.4	12,318,084.0	0.00				Average	
		point32	32	1,217,627.1	12,318,092.0	0.00				Average	
		point33	33	1,217,531.5	12,318,094.0	0.00				Average	
		point34	34	1,217,493.8	12,318,095.0	0.00				Average	
		point35	35	1,217,367.1	12,318,097.0	0.00				Average	
		point36	36	1,217,218.9	12,318,100.0	0.00				Average	
		point37	37	1,217,035.8	12,318,103.0	0.00					
East Palm Ave	40.0	point75	75	1,216,966.0	12,318,636.0	0.00				Average	
		point76	76	1,216,777.5	12,318,638.0	0.00				Average	
		point77	77	1,216,703.0	12,318,639.0	0.00				Average	
		point78	78	1,216,385.8	12,318,643.0	0.00				Average	
		point79	79	1,216,167.8	12,318,646.0	0.00				Average	
		point80	80	1,215,231.9	12,318,658.0	0.00					
East Mariposa Ave	40.0	point81	81	1,216,945.1	12,318,104.0	0.00				Average	
		point82	82	1,216,685.1	12,318,106.0	0.00				Average	
		point83	83	1,216,493.5	12,318,108.0	0.00				Average	
		point84	84	1,216,354.2	12,318,110.0	0.00				Average	
		point85	85	1,216,163.8	12,318,112.0	0.00				Average	
		point86	86	1,216,027.4	12,318,114.0	0.00				Average	
		point87	87	1,215,703.5	12,318,118.0	0.00				Average	
		point88	88	1,215,370.4	12,318,122.0	0.00				Average	
		point89	89	1,215,224.5	12,318,123.0	0.00				Average	
		point90	90	1,215,047.1	12,318,125.0	0.00				Average	
		point91	91	1,214,893.1	12,318,127.0	0.00				Average	

		point92	92	1,214,766.2	12,318,129.0	0.00				Average	
		point93	93	1,214,711.8	12,318,129.0	0.00					
Indiana Street	35.0	point112	112	1,216,685.1	12,318,094.0	0.00				Average	
		point113	113	1,216,679.6	12,317,596.0	0.00				Average	
		point114	114	1,216,674.2	12,317,417.0	0.00				Average	
		point115	115	1,216,673.6	12,317,396.0	0.00				Average	
		point116	116	1,216,664.6	12,317,097.0	0.00				Average	
		point117	117	1,216,666.9	12,316,873.0	0.00				Average	
		point118	118	1,216,669.8	12,316,581.0	0.00					
PCH S	50.0	point49	49	1,217,021.0	12,316,033.0	0.00				Average	
		point50	50	1,217,022.1	12,316,078.0	0.00				Average	
		point51	51	1,217,025.0	12,316,188.0	0.00				Average	
		point52	52	1,217,026.2	12,316,238.0	0.00				Average	
		point54	54	1,217,001.1	12,316,587.0	0.00				Average	
		point55	55	1,216,988.4	12,316,718.0	0.00				Average	
		point56	56	1,216,979.0	12,316,818.0	0.00				Average	
		point63	63	1,216,970.1	12,316,914.0	0.00				Average	
		point58	58	1,216,950.1	12,317,106.0	0.00				Average	
		point59	59	1,216,947.9	12,317,274.0	0.00				Average	
		point60	60	1,216,950.4	12,317,398.0	0.00				Average	
		point64	64	1,216,951.1	12,317,438.0	0.00				Average	
		point65	65	1,216,954.1	12,317,617.0	0.00				Average	
		point66	66	1,216,959.0	12,317,908.0	0.00				Average	
		point68	68	1,216,962.2	12,318,102.0	0.00					
PCH North	50.0	point45	45	1,217,083.8	12,316,297.0	0.00				Average	
		point46	46	1,217,068.1	12,316,539.0	0.00				Average	
		point43	43	1,217,065.1	12,316,586.0	0.00				Average	
		point47	47	1,217,022.5	12,316,958.0	0.00				Average	
		point42	42	1,217,005.6	12,317,105.0	0.00				Average	
		point41	41	1,217,004.5	12,317,360.0	0.00				Average	
		point38	38	1,217,013.8	12,317,833.0	0.00				Average	
		point29	29	1,217,019.0	12,318,102.0	0.00					
PCH S-2	50.0	point122	122	1,216,966.0	12,318,636.0	0.00				Average	
		point8	8	1,216,967.8	12,318,761.0	0.00				Average	
		point9	9	1,216,970.5	12,318,959.0	0.00				Average	
		point10	10	1,216,972.0	12,319,076.0	0.00				Average	
		point11	11	1,216,973.2	12,319,166.0	0.00				Average	
		point12	12	1,216,973.8	12,319,204.0	0.00				Average	
		point13	13	1,216,974.1	12,319,234.0	0.00				Average	

		point14	14	1,216,974.5	12,319,258.0	0.00				Average	
		point16	16	1,216,975.6	12,319,339.0	0.00				Average	
		point17	17	1,216,976.8	12,319,474.0	0.00				Average	
		point18	18	1,216,977.2	12,319,538.0	0.00					
PCH North-2	50.0	point123	123	1,217,019.8	12,318,635.0	0.00				Average	
		point21	21	1,217,025.1	12,319,036.0	0.00				Average	
		point19	19	1,217,029.1	12,319,337.0	0.00				Average	
		point20	20	1,217,031.9	12,319,532.0	0.00					
PCH S-2	50.0	point124	124	1,216,962.2	12,318,102.0	0.00				Average	
		point69	69	1,216,964.2	12,318,299.0	0.00				Average	
		point70	70	1,216,965.2	12,318,409.0	0.00				Average	
		point72	72	1,216,965.4	12,318,415.0	0.00				Average	
		point73	73	1,216,966.1	12,318,470.0	0.00				Average	
		point7	7	1,216,966.0	12,318,636.0	0.00					
PCH North-2	50.0	point125	125	1,217,019.0	12,318,102.0	0.00				Average	
		point28	28	1,217,019.4	12,318,390.0	0.00				Average	
		point25	25	1,217,019.4	12,318,408.0	0.00				Average	
		point23	23	1,217,019.8	12,318,635.0	0.00					

Dudek 22 June 2020
CB TNM 2.5

INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: Pacific Coast Commons
RUN: Future

Roadway Name	Points Name	No.	Segment Autos V veh/hr	Autos S mph	MTrucks V veh/hr	MTrucks S mph	HTrucks V veh/hr	HTrucks S mph	Buses V veh/hr	Buses S mph	Motorcycles V veh/hr	Motorcycles S mph
East Mariposa Avenue	point30	30	1231	40	25	40	12	40	0	0	0	0
	point31	31	1231	40	25	40	12	40	0	0	0	0
	point32	32	1231	40	25	40	12	40	0	0	0	0
	point33	33	1231	40	25	40	12	40	0	0	0	0
	point34	34	1231	40	25	40	12	40	0	0	0	0
	point35	35	1231	40	25	40	12	40	0	0	0	0
	point36	36	1231	40	25	40	12	40	0	0	0	0
	point37	37										
East Palm Ave	point75	75	55	25	1	25	0	0	0	0	0	0
	point76	76	55	25	1	25	0	0	0	0	0	0
	point77	77	55	25	1	25	0	0	0	0	0	0
	point78	78	55	25	1	25	0	0	0	0	0	0
	point79	79	55	25	1	25	0	0	0	0	0	0
	point80	80										
East Mariposa Ave	point81	81	785	25	16	25	8	25	0	0	0	0
	point82	82	785	25	16	25	8	25	0	0	0	0
	point83	83	785	25	16	25	8	25	0	0	0	0
	point84	84	785	25	16	25	8	25	0	0	0	0
	point85	85	785	25	16	25	8	25	0	0	0	0
	point86	86	785	25	16	25	8	25	0	0	0	0
	point87	87	785	25	16	25	8	25	0	0	0	0
	point88	88	785	25	16	25	8	25	0	0	0	0
	point89	89	785	25	16	25	8	25	0	0	0	0

	point90	90	785	25	16	25	8	25	0	0	0	0
	point91	91	785	25	16	25	8	25	0	0	0	0
	point92	92	785	25	16	25	8	25	0	0	0	0
	point93	93										
Indiana Street	point112	112	134	25	2	25	1	25	0	0	0	0
	point113	113	134	25	2	25	1	25	0	0	0	0
	point114	114	134	25	2	25	1	25	0	0	0	0
	point115	115	134	25	2	25	1	25	0	0	0	0
	point116	116	134	25	2	25	1	25	0	0	0	0
	point117	117	134	25	2	25	1	25	0	0	0	0
	point118	118										
PCH S	point49	49	2661	35	65	35	27	35	0	0	0	0
	point50	50	2661	35	65	35	27	35	0	0	0	0
	point51	51	2661	35	65	35	27	35	0	0	0	0
	point52	52	2661	35	65	35	27	35	0	0	0	0
	point54	54	2661	35	65	35	27	35	0	0	0	0
	point55	55	2661	35	65	35	27	35	0	0	0	0
	point56	56	2661	35	65	35	27	35	0	0	0	0
	point63	63	2661	35	65	35	27	35	0	0	0	0
	point58	58	2661	35	65	35	27	35	0	0	0	0
	point59	59	2661	35	65	35	27	35	0	0	0	0
	point60	60	2661	35	65	35	27	35	0	0	0	0
	point64	64	2661	35	65	35	27	35	0	0	0	0
	point65	65	2661	35	65	35	27	35	0	0	0	0
	point66	66	2661	35	65	35	27	35	0	0	0	0
	point68	68										
PCH North	point45	45	2661	35	54	35	27	35	0	0	0	0
	point46	46	2661	35	54	35	27	35	0	0	0	0
	point43	43	2661	35	54	35	27	35	0	0	0	0
	point47	47	2661	35	54	35	27	35	0	0	0	0
	point42	42	2661	35	54	35	27	35	0	0	0	0
	point41	41	2661	35	54	35	27	35	0	0	0	0
	point38	38	2661	35	54	35	27	35	0	0	0	0
	point29	29										
PCH S-2	point122	122	2759	35	56	35	28	35	0	0	0	0
	point8	8	2759	35	56	35	28	35	0	0	0	0

	point9	9	2759	35	56	35	28	35	0	0	0	0
	point10	10	2759	35	56	35	28	35	0	0	0	0
	point11	11	2759	35	56	35	28	35	0	0	0	0
	point12	12	2759	35	56	35	28	35	0	0	0	0
	point13	13	2759	35	56	35	28	35	0	0	0	0
	point14	14	2759	35	56	35	28	35	0	0	0	0
	point16	16	2759	35	56	35	28	35	0	0	0	0
	point17	17	2759	35	56	35	28	35	0	0	0	0
	point18	18										
PCH North-2	point123	123	2759	35	56	35	28	35	0	0	0	0
	point21	21	2759	35	56	35	28	35	0	0	0	0
	point19	19	2759	35	56	35	28	35	0	0	0	0
	point20	20										
PCH S-2	point124	124	2755	35	56	35	28	35	0	0	0	0
	point69	69	2755	35	56	35	28	35	0	0	0	0
	point70	70	2755	35	56	35	28	35	0	0	0	0
	point72	72	2755	35	56	35	28	35	0	0	0	0
	point73	73	2755	35	56	35	28	35	0	0	0	0
	point7	7										
PCH North-2	point125	125	2755	35	56	35	28	35	0	0	0	0
	point28	28	2755	35	56	35	28	35	0	0	0	0
	point25	25	2755	35	56	35	28	35	0	0	0	0
	point23	23										

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22 June 2020
TNM 2.5

INPUT: RECEIVERS
PROJECT/CONTRACT: Pacific Coast Commons
RUN: Future

Receiver Name	No.	#DUs	Coordinates (ground) X	Y	Z	Height above Ground	Input Sound Levels and Criteria: Existing LAeq1h	Impact Criteria LAeq1h	Impact Criteria Sub'l	NR Goal	Active in Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
ST1	1	1	1,216,634.9	12,317,261.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST2	2	1	1,216,646.6	12,317,842.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST3	3	1	1,216,899.0	12,317,149.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST4	4	1	1,216,527.9	12,318,139.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST5	5	1	1,216,669.2	12,318,605.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST6	6	1	1,216,911.0	12,318,372.0	0.00	4.92	0.00	66	10.0	8.0	Y

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INPUT: BARRIERS
PROJECT/CONTRACT: Pacific Coast Commons
RUN: Future

Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	$ per Unit Area	$ per Unit Vol.	Top Width	Run:Rise	$ per Unit Length			X	Y	Z	at Point	Seg Ht Incre-ment	Perturbs #Up	#Dn	On Struct?	Important Reflec-tions?
		ft	ft	$/sq ft	$/cu yd	ft	ft:ft	$/ft			ft	ft	ft	ft	ft				
Barrier12	W	0.00	99.99	0.00				0.00	point76	76	1,216,702.6	12,317,551.0	0.00	95.00	0.00	0	0		
									point77	77	1,216,702.2	12,317,517.0	0.00	95.00	0.00	0	0		
									point78	78	1,216,904.0	12,317,515.0	0.00	95.00	0.00	0	0		
									point79	79	1,216,904.4	12,317,548.0	0.00	95.00	0.00	0	0		
									point80	80	1,216,908.1	12,317,548.0	0.00	95.00	0.00	0	0		
									point81	81	1,216,908.5	12,317,576.0	0.00	95.00	0.00	0	0		
									point82	82	1,216,893.2	12,317,576.0	0.00	95.00	0.00	0	0		
									point83	83	1,216,879.5	12,317,576.0	0.00	95.00	0.00	0	0		
									point84	84	1,216,879.4	12,317,573.0	0.00	95.00	0.00	0	0		
									point85	85	1,216,712.0	12,317,575.0	0.00	95.00	0.00	0	0		
									point86	86	1,216,711.6	12,317,551.0	0.00	95.00	0.00	0	0		
									point87	87	1,216,702.6	12,317,551.0	0.00	95.00					
Barrier13	W	0.00	99.99	0.00				0.00	point89	89	1,216,849.1	12,318,180.0	0.00	15.00	0.00	0	0		
									point90	90	1,216,850.2	12,318,244.0	0.00	15.00	0.00	0	0		
									point91	91	1,216,816.5	12,318,245.0	0.00	15.00	0.00	0	0		
									point92	92	1,216,815.4	12,318,180.0	0.00	15.00	0.00	0	0		
									point93	93	1,216,849.1	12,318,180.0	0.00	15.00					
Barrier16	W	0.00	99.99	0.00				0.00	point107	107	1,216,851.9	12,318,598.0	0.00	15.00	0.00	0	0		
									point108	108	1,216,809.9	12,318,599.0	0.00	15.00	0.00	0	0		
									point109	109	1,216,809.4	12,318,553.0	0.00	15.00	0.00	0	0		
									point110	110	1,216,846.5	12,318,552.0	0.00	15.00	0.00	0	0		
									point111	111	1,216,846.5	12,318,548.0	0.00	15.00	0.00	0	0		
									point112	112	1,216,864.5	12,318,548.0	0.00	15.00	0.00	0	0		
									point113	113	1,216,864.6	12,318,550.0	0.00	15.00	0.00	0	0		
									point114	114	1,216,891.4	12,318,549.0	0.00	15.00	0.00	0	0		
									point115	115	1,216,891.8	12,318,579.0	0.00	15.00	0.00	0	0		
									point116	116	1,216,886.0	12,318,579.0	0.00	15.00	0.00	0	0		
									point117	117	1,216,886.1	12,318,592.0	0.00	15.00	0.00	0	0		
									point118	118	1,216,883.5	12,318,592.0	0.00	15.00	0.00	0	0		
									point119	119	1,216,883.5	12,318,595.0	0.00	15.00	0.00	0	0		
									point120	120	1,216,851.9	12,318,595.0	0.00	15.00	0.00	0	0		
									point121	121	1,216,851.9	12,318,598.0	0.00	15.00					
Barrier17	W	0.00	99.99	0.00				0.00	point122	122	1,216,725.8	12,317,602.0	0.00	95.00	0.00	0	0		
									point123	123	1,216,705.5	12,317,600.0	0.00	95.00	0.00	0	0		
									point124	124	1,216,704.8	12,317,612.0	0.00	95.00	0.00	0	0		

									point125	125	1,216,699.9	12,317,612.0	0.00	95.00	0.00	0	0		
									point126	126	1,216,705.8	12,317,927.0	0.00	95.00	0.00	0	0		
									point127	127	1,216,709.9	12,317,926.0	0.00	95.00	0.00	0	0		
									point128	128	1,216,710.9	12,317,932.0	0.00	95.00	0.00	0	0		
									point129	129	1,216,733.0	12,317,933.0	0.00	95.00	0.00	0	0		
									point130	130	1,216,727.4	12,317,598.0	0.00	95.00					
Barrier18	W	0.00	99.99	0.00				0.00	point132	132	1,216,894.4	12,317,634.0	0.00	25.00	0.00	0	0		
									point133	133	1,216,747.9	12,317,632.0	0.00	25.00	0.00	0	0		
									point134	134	1,216,754.4	12,317,932.0	0.00	25.00	0.00	0	0		
									point135	135	1,216,784.5	12,317,932.0	0.00	25.00	0.00	0	0		
									point136	136	1,216,783.8	12,317,870.0	0.00	25.00	0.00	0	0		
									point137	137	1,216,899.2	12,317,868.0	0.00	25.00	0.00	0	0		
									point138	138	1,216,894.4	12,317,634.0	0.00	25.00					
Barrier19	W	0.00	99.99	0.00				0.00	point140	140	1,216,827.5	12,317,444.0	0.00	25.00	0.00	0	0		
									point141	141	1,216,881.2	12,317,444.0	0.00	25.00	0.00	0	0		
									point142	142	1,216,883.6	12,317,501.0	0.00	25.00	0.00	0	0		
									point143	143	1,216,829.1	12,317,500.0	0.00	25.00					

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TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: Pacific Coast Commons
RUN: Future
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
ST1	1	1	0.0	59.5	66	59.5	10	----	59.5	0.0	8	-8.0
ST2	2	1	0.0	55.2	66	55.2	10	----	55.2	0.0	8	-8.0
ST3	3	1	0.0	70.3	66	70.3	10	Snd Lvl	70.3	0.0	8	-8.0
ST4	4	1	0.0	63.3	66	63.3	10	----	63.3	0.0	8	-8.0
ST5	5	1	0.0	59.8	66	59.8	10	----	59.8	0.0	8	-8.0
ST6	6	1	0.0	70.2	66	70.2	10	Snd Lvl	70.2	0.0	8	-8.0

Dwelling Units	# DUs	Noise Reduction Min	Avg	Max
		dB	dB	dB
All Selected	6	0.0	0.0	0.0
All Impacted	2	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

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INPUT: ROADWAYS
PROJECT/CONTRACT: Pacific Coast Commons
RUN: Future + Project

Average pavement type shall be used unless a State highway agency substantiates the use of a different type with the approval of FHWA

Roadway Name	Width	Points Name	No.	Coordinates (pavement) X	Y	Z	Flow Control Control Device	Speed Constraint	Percent Vehicles Affected	Segment Pvmt Type	On Struct?
	ft			ft	ft	ft		mph	%		
East Mariposa Avenue	40.0	point30	30	1,218,281.9	12,318,081.0	0.00				Average	
		point31	31	1,218,084.4	12,318,084.0	0.00				Average	
		point32	32	1,217,627.1	12,318,092.0	0.00				Average	
		point33	33	1,217,531.5	12,318,094.0	0.00				Average	
		point34	34	1,217,493.8	12,318,095.0	0.00				Average	
		point35	35	1,217,367.1	12,318,097.0	0.00				Average	
		point36	36	1,217,218.9	12,318,100.0	0.00				Average	
		point37	37	1,217,035.8	12,318,103.0	0.00					
East Palm Ave	40.0	point75	75	1,216,966.0	12,318,636.0	0.00				Average	
		point76	76	1,216,777.5	12,318,638.0	0.00				Average	
		point77	77	1,216,703.0	12,318,639.0	0.00				Average	
		point78	78	1,216,385.8	12,318,643.0	0.00				Average	
		point79	79	1,216,167.8	12,318,646.0	0.00				Average	
		point80	80	1,215,231.9	12,318,658.0	0.00					
East Mariposa Ave	40.0	point81	81	1,216,945.1	12,318,104.0	0.00				Average	
		point82	82	1,216,685.1	12,318,106.0	0.00				Average	
		point83	83	1,216,493.5	12,318,108.0	0.00				Average	
		point84	84	1,216,354.2	12,318,110.0	0.00				Average	
		point85	85	1,216,163.8	12,318,112.0	0.00				Average	
		point86	86	1,216,027.4	12,318,114.0	0.00				Average	
		point87	87	1,215,703.5	12,318,118.0	0.00				Average	
		point88	88	1,215,370.4	12,318,122.0	0.00				Average	
		point89	89	1,215,224.5	12,318,123.0	0.00				Average	
		point90	90	1,215,047.1	12,318,125.0	0.00				Average	
		point91	91	1,214,893.1	12,318,127.0	0.00				Average	

		point92	92	1,214,766.2	12,318,129.0	0.00				Average	
		point93	93	1,214,711.8	12,318,129.0	0.00					
Indiana Street	35.0	point112	112	1,216,683.5	12,318,094.0	0.00				Average	
		point113	113	1,216,673.8	12,317,596.0	0.00				Average	
		point114	114	1,216,672.6	12,317,417.0	0.00				Average	
		point115	115	1,216,672.9	12,317,396.0	0.00				Average	
		point116	116	1,216,663.0	12,317,097.0	0.00				Average	
		point117	117	1,216,665.2	12,316,873.0	0.00				Average	
		point118	118	1,216,668.1	12,316,581.0	0.00					
PCH S	50.0	point49	49	1,217,021.0	12,316,033.0	0.00				Average	
		point50	50	1,217,022.1	12,316,078.0	0.00				Average	
		point51	51	1,217,025.0	12,316,188.0	0.00				Average	
		point52	52	1,217,026.2	12,316,238.0	0.00				Average	
		point54	54	1,217,001.1	12,316,587.0	0.00				Average	
		point55	55	1,216,988.4	12,316,718.0	0.00				Average	
		point56	56	1,216,979.0	12,316,818.0	0.00				Average	
		point63	63	1,216,970.1	12,316,914.0	0.00				Average	
		point58	58	1,216,950.1	12,317,106.0	0.00				Average	
		point59	59	1,216,947.9	12,317,274.0	0.00				Average	
		point60	60	1,216,950.4	12,317,398.0	0.00				Average	
		point64	64	1,216,951.1	12,317,438.0	0.00				Average	
		point65	65	1,216,954.1	12,317,617.0	0.00				Average	
		point66	66	1,216,959.0	12,317,908.0	0.00				Average	
		point68	68	1,216,962.2	12,318,102.0	0.00					
PCH North	50.0	point45	45	1,217,083.8	12,316,297.0	0.00				Average	
		point46	46	1,217,068.1	12,316,539.0	0.00				Average	
		point43	43	1,217,065.1	12,316,586.0	0.00				Average	
		point47	47	1,217,022.5	12,316,958.0	0.00				Average	
		point42	42	1,217,005.6	12,317,105.0	0.00				Average	
		point41	41	1,217,004.5	12,317,360.0	0.00				Average	
		point38	38	1,217,013.8	12,317,833.0	0.00				Average	
		point29	29	1,217,019.0	12,318,102.0	0.00					
PCH S-2	50.0	point122	122	1,216,966.0	12,318,636.0	0.00				Average	
		point8	8	1,216,967.8	12,318,761.0	0.00				Average	
		point9	9	1,216,970.5	12,318,959.0	0.00				Average	
		point10	10	1,216,972.0	12,319,076.0	0.00				Average	
		point11	11	1,216,973.2	12,319,166.0	0.00				Average	
		point12	12	1,216,973.8	12,319,204.0	0.00				Average	
		point13	13	1,216,974.1	12,319,234.0	0.00				Average	

		point14	14	1,216,974.5	12,319,258.0	0.00				Average	
		point16	16	1,216,975.6	12,319,339.0	0.00				Average	
		point17	17	1,216,976.8	12,319,474.0	0.00				Average	
		point18	18	1,216,977.2	12,319,538.0	0.00					
PCH North-2	50.0	point123	123	1,217,019.8	12,318,635.0	0.00				Average	
		point21	21	1,217,025.1	12,319,036.0	0.00				Average	
		point19	19	1,217,029.1	12,319,337.0	0.00				Average	
		point20	20	1,217,031.9	12,319,532.0	0.00					
PCH S-2	50.0	point124	124	1,216,962.2	12,318,102.0	0.00				Average	
		point69	69	1,216,964.2	12,318,299.0	0.00				Average	
		point70	70	1,216,965.2	12,318,409.0	0.00				Average	
		point72	72	1,216,965.4	12,318,415.0	0.00				Average	
		point73	73	1,216,966.1	12,318,470.0	0.00				Average	
		point7	7	1,216,966.0	12,318,636.0	0.00					
PCH North-2	50.0	point125	125	1,217,019.0	12,318,102.0	0.00				Average	
		point28	28	1,217,019.4	12,318,390.0	0.00				Average	
		point25	25	1,217,019.4	12,318,408.0	0.00				Average	
		point23	23	1,217,019.8	12,318,635.0	0.00					

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INPUT: TRAFFIC FOR LAeq1h Volumes
PROJECT/CONTRACT: Pacific Coast Commons
RUN: Future + Project

Roadway Name	Points Name	No.	Segment Autos V veh/hr	Autos S mph	MTrucks V veh/hr	MTrucks S mph	HTrucks V veh/hr	HTrucks S mph	Buses V veh/hr	Buses S mph	Motorcycles V veh/hr	Motorcycles S mph
East Mariposa Avenue	point30	30	1233	40	25	40	12	40	0	0	0	0
	point31	31	1233	40	25	40	12	40	0	0	0	0
	point32	32	1233	40	25	40	12	40	0	0	0	0
	point33	33	1233	40	25	40	12	40	0	0	0	0
	point34	34	1233	40	25	40	12	40	0	0	0	0
	point35	35	1233	40	25	40	12	40	0	0	0	0
	point36	36	1233	40	25	40	12	40	0	0	0	0
	point37	37										
East Palm Ave	point75	75	82	25	1	25	0	0	0	0	0	0
	point76	76	82	25	1	25	0	0	0	0	0	0
	point77	77	82	25	1	25	0	0	0	0	0	0
	point78	78	82	25	1	25	0	0	0	0	0	0
	point79	79	82	25	1	25	0	0	0	0	0	0
	point80	80										
East Mariposa Ave	point81	81	857	25	17	25	8	25	0	0	0	0
	point82	82	857	25	17	25	8	25	0	0	0	0
	point83	83	857	25	17	25	8	25	0	0	0	0
	point84	84	857	25	17	25	8	25	0	0	0	0
	point85	85	857	25	17	25	8	25	0	0	0	0
	point86	86	857	25	17	25	8	25	0	0	0	0
	point87	87	857	25	17	25	8	25	0	0	0	0
	point88	88	857	25	17	25	8	25	0	0	0	0
	point89	89	857	25	17	25	8	25	0	0	0	0

	point90	90	857	25	17	25	8	25	0	0	0	0
	point91	91	857	25	17	25	8	25	0	0	0	0
	point92	92	857	25	17	25	8	25	0	0	0	0
	point93	93										
Indiana Street	point112	112	171	25	3	25	1	25	0	0	0	0
	point113	113	171	25	3	25	1	25	0	0	0	0
	point114	114	171	25	3	25	1	25	0	0	0	0
	point115	115	171	25	3	25	1	25	0	0	0	0
	point116	116	171	25	3	25	1	25	0	0	0	0
	point117	117	171	25	3	25	1	25	0	0	0	0
	point118	118										
PCH S	point49	49	2542	35	52	35	26	35	0	0	0	0
	point50	50	2542	35	52	35	26	35	0	0	0	0
	point51	51	2542	35	52	35	26	35	0	0	0	0
	point52	52	2542	35	52	35	26	35	0	0	0	0
	point54	54	2542	35	52	35	26	35	0	0	0	0
	point55	55	2542	35	52	35	26	35	0	0	0	0
	point56	56	2542	35	52	35	26	35	0	0	0	0
	point63	63	2542	35	52	35	26	35	0	0	0	0
	point58	58	2542	35	52	35	26	35	0	0	0	0
	point59	59	2542	35	52	35	26	35	0	0	0	0
	point60	60	2542	35	52	35	26	35	0	0	0	0
	point64	64	2542	35	52	35	26	35	0	0	0	0
	point65	65	2542	35	52	35	26	35	0	0	0	0
	point66	66	2542	35	52	35	26	35	0	0	0	0
	point68	68										
PCH North	point45	45	2542	35	52	35	26	35	0	0	0	0
	point46	46	2542	35	52	35	26	35	0	0	0	0
	point43	43	2542	35	52	35	26	35	0	0	0	0
	point47	47	2542	35	52	35	26	35	0	0	0	0
	point42	42	2542	35	52	35	26	35	0	0	0	0
	point41	41	2542	35	52	35	26	35	0	0	0	0
	point38	38	2542	35	52	35	26	35	0	0	0	0
	point29	29										
PCH S-2	point122	122	2810	35	58	35	29	35	0	0	0	0
	point8	8	2810	35	58	35	29	35	0	0	0	0

	point9	9	2810	35	58	35	29	35	0	0	0	0
	point10	10	2810	35	58	35	29	35	0	0	0	0
	point11	11	2810	35	58	35	29	35	0	0	0	0
	point12	12	2810	35	58	35	29	35	0	0	0	0
	point13	13	2810	35	58	35	29	35	0	0	0	0
	point14	14	2810	35	58	35	29	35	0	0	0	0
	point16	16	2810	35	58	35	29	35	0	0	0	0
	point17	17	2810	35	58	35	29	35	0	0	0	0
	point18	18										
PCH North-2	point123	123	2810	35	58	35	29	35	0	0	0	0
	point21	21	2810	35	58	35	29	35	0	0	0	0
	point19	19	2810	35	58	35	29	35	0	0	0	0
	point20	20										
PCH S-2	point124	124	2792	35	57	35	28	35	0	0	0	0
	point69	69	2792	35	57	35	28	35	0	0	0	0
	point70	70	2792	35	57	35	28	35	0	0	0	0
	point72	72	2792	35	57	35	28	35	0	0	0	0
	point73	73	2792	35	57	35	28	35	0	0	0	0
	point7	7										
PCH North-2	point125	125	2792	35	57	35	28	35	0	0	0	0
	point28	28	2792	35	57	35	28	35	0	0	0	0
	point25	25	2792	35	57	35	28	35	0	0	0	0
	point23	23										

Dudek 22 June 2020
CB TNM 2.5

INPUT: RECEIVERS
PROJECT/CONTRACT: Pacific Coast Commons
RUN: Future + Project

Receiver Name	No.	#DUs	Coordinates (ground) X	Y	Z	Height above Ground	Input Sound Levels and Criteria Existing LAeq1h	Impact Criteria LAeq1h	Impact Criteria Sub'l	NR Goal	Active in Calc.
			ft	ft	ft	ft	dBA	dBA	dB	dB	
ST1	1	1	1,216,634.9	12,317,261.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST2	2	1	1,216,646.6	12,317,842.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST3	3	1	1,216,899.0	12,317,149.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST4	4	1	1,216,527.9	12,318,139.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST5	5	1	1,216,669.2	12,318,605.0	0.00	4.92	0.00	66	10.0	8.0	Y
ST6	6	1	1,216,911.0	12,318,372.0	0.00	4.92	0.00	66	10.0	8.0	Y
M1-1	9	1	1,216,702.8	12,317,207.0	0.00	4.92	0.00	66	10.0	8.0	Y
M1-2	10	1	1,216,702.8	12,317,207.0	0.00	14.92	0.00	66	10.0	8.0	Y
M1-3	11	1	1,216,702.8	12,317,207.0	0.00	24.92	0.00	66	10.0	8.0	Y
M1-4	12	1	1,216,702.8	12,317,207.0	0.00	34.92	0.00	66	10.0	8.0	Y
M1-5	13	1	1,216,702.8	12,317,207.0	0.00	44.92	0.00	66	10.0	8.0	Y
M1-6	14	1	1,216,702.8	12,317,207.0	0.00	54.92	0.00	66	10.0	8.0	Y
M2-1	15	1	1,216,780.9	12,317,150.0	0.00	4.92	0.00	66	10.0	8.0	Y
M2-2	16	1	1,216,780.9	12,317,150.0	0.00	14.92	0.00	66	10.0	8.0	Y
M2-3	17	1	1,216,780.9	12,317,150.0	0.00	24.92	0.00	66	10.0	8.0	Y
M2-4	18	1	1,216,780.9	12,317,150.0	0.00	34.92	0.00	66	10.0	8.0	Y
M2-5	19	1	1,216,780.9	12,317,150.0	0.00	44.92	0.00	66	10.0	8.0	Y
M2-6	20	1	1,216,780.9	12,317,150.0	0.00	54.92	0.00	66	10.0	8.0	Y
M3-1	21	1	1,216,913.8	12,317,249.0	0.00	4.92	0.00	66	10.0	8.0	Y
M3-2	22	1	1,216,913.8	12,317,249.0	0.00	14.92	0.00	66	10.0	8.0	Y
M3-3	23	1	1,216,913.8	12,317,249.0	0.00	24.92	0.00	66	10.0	8.0	Y
M3-4	26	1	1,216,913.8	12,317,249.0	0.00	34.92	0.00	66	10.0	8.0	Y

M3-5	27	1	1,216,913.8	12,317,249.0	0.00	44.92	0.00	66	10.0	8.0	Y
M3-6	28	1	1,216,913.8	12,317,249.0	0.00	54.92	0.00	66	10.0	8.0	Y
M4-1	29	1	1,216,915.8	12,317,982.0	0.00	4.92	0.00	66	10.0	8.0	Y
M4-2	30	1	1,216,915.8	12,317,982.0	0.00	14.92	0.00	66	10.0	8.0	Y
M4-3	31	1	1,216,915.8	12,317,982.0	0.00	24.92	0.00	66	10.0	8.0	Y
M4-4	32	1	1,216,915.8	12,317,982.0	0.00	34.92	0.00	66	10.0	8.0	Y
M4-5	33	1	1,216,915.8	12,317,982.0	0.00	44.92	0.00	66	10.0	8.0	Y
M5-1	34	1	1,216,910.4	12,318,346.0	0.00	4.92	0.00	66	10.0	8.0	Y
M5-2	35	1	1,216,910.4	12,318,346.0	0.00	14.92	0.00	66	10.0	8.0	Y
M5-3	36	1	1,216,910.4	12,318,346.0	0.00	24.92	0.00	66	10.0	8.0	Y
M5-4	37	1	1,216,910.4	12,318,346.0	0.00	34.92	0.00	66	10.0	8.0	Y
M5-5	38	1	1,216,910.4	12,318,346.0	0.00	44.92	0.00	66	10.0	8.0	Y
M5-6	39	1	1,216,910.4	12,318,346.0	0.00	54.92	0.00	66	10.0	8.0	Y
M6-1	40	1	1,216,807.2	12,318,423.0	0.00	4.92	0.00	66	10.0	8.0	Y
M6-2	41	1	1,216,807.2	12,318,423.0	0.00	14.92	0.00	66	10.0	8.0	Y
M6-3	42	1	1,216,807.2	12,318,423.0	0.00	24.92	0.00	66	10.0	8.0	Y
M6-4	43	1	1,216,807.2	12,318,423.0	0.00	34.92	0.00	66	10.0	8.0	Y
M6-5	44	1	1,216,807.2	12,318,423.0	0.00	44.92	0.00	66	10.0	8.0	Y
M6-6	45	1	1,216,807.2	12,318,423.0	0.00	54.92	0.00	66	10.0	8.0	Y
M7-1	46	1	1,216,684.2	12,318,283.0	0.00	4.92	0.00	66	10.0	8.0	Y
M7-2	66	1	1,216,684.2	12,318,283.0	0.00	14.92	0.00	66	10.0	8.0	Y
M7-3	49	1	1,216,684.2	12,318,283.0	0.00	24.92	0.00	66	10.0	8.0	Y
M7-4	50	1	1,216,684.2	12,318,283.0	0.00	34.92	0.00	66	10.0	8.0	Y
M7-5	52	1	1,216,684.2	12,318,283.0	0.00	44.92	0.00	66	10.0	8.0	Y
M7-6	53	1	1,216,684.2	12,318,283.0	0.00	54.92	0.00	66	10.0	8.0	Y
M8-1	54	1	1,216,744.5	12,318,126.0	0.00	4.92	0.00	66	10.0	8.0	Y
M8-2	56	1	1,216,744.5	12,318,126.0	0.00	14.92	0.00	66	10.0	8.0	Y
M8-3	57	1	1,216,744.5	12,318,126.0	0.00	24.92	0.00	66	10.0	8.0	Y
M8-4	58	1	1,216,744.5	12,318,126.0	0.00	34.92	0.00	66	10.0	8.0	Y
M8-5	59	1	1,216,744.5	12,318,126.0	0.00	44.92	0.00	66	10.0	8.0	Y
M8-6	60	1	1,216,744.5	12,318,126.0	0.00	54.92	0.00	66	10.0	8.0	Y
M9-1	62	1	1,216,680.9	12,318,507.0	0.00	4.92	0.00	66	10.0	8.0	Y
M9-2	63	1	1,216,680.9	12,318,507.0	0.00	14.92	0.00	66	10.0	8.0	Y
M9-3	64	1	1,216,680.9	12,318,507.0	0.00	24.92	0.00	66	10.0	8.0	Y
M9-4	65	1	1,216,680.9	12,318,507.0	0.00	34.92	0.00	66	10.0	8.0	Y

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INPUT: BARRIERS
PROJECT/CONTRACT: Pacific Coast Commons
RUN: Future + Project

Barrier									Points										
Name	Type	Height		If Wall	If Berm			Add'tnl	Name	No.	Coordinates (bottom)			Height	Segment				
		Min	Max	$ per Unit Area	$ per Unit Vol.	Top Width	Run:Rise	$ per Unit Length			X	Y	Z	at Point	Seg Ht Incre-ment	#Up	#Dn	On Struct?	Important Reflec-tions?
		ft	ft	$/sq ft	$/cu yd	ft	ft:ft	$/ft			ft	ft	ft	ft	ft				
Barrier10	W	0.00	99.99	0.00				0.00	point60	60	1,216,706.2	12,318,437.0	0.00	45.00	0.00	0	0		
									point61	61	1,216,683.4	12,318,438.0	0.00	45.00	0.00	0	0		
									point62	62	1,216,688.1	12,318,587.0	0.00	45.00	0.00	0	0		
									point63	63	1,216,713.4	12,318,587.0	0.00	45.00	0.00	0	0		
									point64	64	1,216,706.2	12,318,437.0	0.00	45.00					
Barrier12	W	0.00	99.99	0.00				0.00	point76	76	1,216,702.6	12,317,551.0	0.00	95.00	0.00	0	0		
									point77	77	1,216,702.2	12,317,517.0	0.00	95.00	0.00	0	0		
									point78	78	1,216,904.0	12,317,515.0	0.00	95.00	0.00	0	0		
									point79	79	1,216,904.4	12,317,548.0	0.00	95.00	0.00	0	0		
									point80	80	1,216,908.1	12,317,548.0	0.00	95.00	0.00	0	0		
									point81	81	1,216,908.5	12,317,576.0	0.00	95.00	0.00	0	0		
									point82	82	1,216,893.2	12,317,576.0	0.00	95.00	0.00	0	0		
									point83	83	1,216,879.5	12,317,576.0	0.00	95.00	0.00	0	0		
									point84	84	1,216,879.4	12,317,573.0	0.00	95.00	0.00	0	0		
									point85	85	1,216,712.0	12,317,575.0	0.00	95.00	0.00	0	0		
									point86	86	1,216,711.6	12,317,551.0	0.00	95.00	0.00	0	0		
									point87	87	1,216,702.6	12,317,551.0	0.00	95.00					
Barrier13	W	0.00	99.99	0.00				0.00	point89	89	1,216,849.1	12,318,180.0	0.00	15.00	0.00	0	0		
									point90	90	1,216,850.2	12,318,244.0	0.00	15.00	0.00	0	0		
									point91	91	1,216,816.5	12,318,245.0	0.00	15.00	0.00	0	0		
									point92	92	1,216,815.4	12,318,180.0	0.00	15.00	0.00	0	0		
									point93	93	1,216,849.1	12,318,180.0	0.00	15.00					
Barrier16	W	0.00	99.99	0.00				0.00	point107	107	1,216,851.9	12,318,598.0	0.00	15.00	0.00	0	0		
									point108	108	1,216,809.9	12,318,599.0	0.00	15.00	0.00	0	0		
									point109	109	1,216,809.4	12,318,553.0	0.00	15.00	0.00	0	0		
									point110	110	1,216,846.5	12,318,552.0	0.00	15.00	0.00	0	0		
									point111	111	1,216,846.5	12,318,548.0	0.00	15.00	0.00	0	0		
									point112	112	1,216,864.5	12,318,548.0	0.00	15.00	0.00	0	0		
									point113	113	1,216,864.6	12,318,550.0	0.00	15.00	0.00	0	0		
									point114	114	1,216,891.4	12,318,549.0	0.00	15.00	0.00	0	0		
									point115	115	1,216,891.8	12,318,579.0	0.00	15.00	0.00	0	0		
									point116	116	1,216,886.0	12,318,579.0	0.00	15.00	0.00	0	0		
									point117	117	1,216,886.1	12,318,592.0	0.00	15.00	0.00	0	0		
									point118	118	1,216,883.5	12,318,592.0	0.00	15.00	0.00	0	0		
									point119	119	1,216,883.5	12,318,595.0	0.00	15.00	0.00	0	0		

									point120	120	1,216,851.9	12,318,595.0	0.00	15.00	0.00	0	0	
									point121	121	1,216,851.9	12,318,598.0	0.00	15.00				
Barrier17	W	0.00	99.99	0.00				0.00	point122	122	1,216,720.6	12,317,604.0	0.00	95.00	0.00	0	0	
									point123	123	1,216,700.4	12,317,602.0	0.00	95.00	0.00	0	0	
									point124	124	1,216,699.6	12,317,614.0	0.00	95.00	0.00	0	0	
									point125	125	1,216,694.8	12,317,614.0	0.00	95.00	0.00	0	0	
									point126	126	1,216,700.6	12,317,929.0	0.00	95.00	0.00	0	0	
									point127	127	1,216,704.8	12,317,928.0	0.00	95.00	0.00	0	0	
									point128	128	1,216,705.8	12,317,934.0	0.00	95.00	0.00	0	0	
									point129	129	1,216,727.9	12,317,935.0	0.00	95.00	0.00	0	0	
									point130	130	1,216,722.2	12,317,600.0	0.00	95.00				
Barrier18	W	0.00	99.99	0.00				0.00	point132	132	1,216,894.4	12,317,634.0	0.00	25.00	0.00	0	0	
									point133	133	1,216,747.9	12,317,632.0	0.00	25.00	0.00	0	0	
									point134	134	1,216,754.4	12,317,932.0	0.00	25.00	0.00	0	0	
									point135	135	1,216,784.5	12,317,932.0	0.00	25.00	0.00	0	0	
									point136	136	1,216,783.8	12,317,870.0	0.00	25.00	0.00	0	0	
									point137	137	1,216,899.2	12,317,868.0	0.00	25.00	0.00	0	0	
									point138	138	1,216,894.4	12,317,634.0	0.00	25.00				
Barrier19	W	0.00	99.99	0.00				0.00	point140	140	1,216,827.5	12,317,444.0	0.00	25.00	0.00	0	0	
									point141	141	1,216,881.2	12,317,444.0	0.00	25.00	0.00	0	0	
									point142	142	1,216,883.6	12,317,501.0	0.00	25.00	0.00	0	0	
									point143	143	1,216,829.1	12,317,500.0	0.00	25.00				
Barrier20	W	0.00	99.99	0.00				0.00	point144	144	1,216,912.9	12,317,921.0	0.00	52.00	0.00	0	0	
									point145	145	1,216,789.2	12,317,919.0	0.00	52.00	0.00	0	0	
									point146	146	1,216,788.5	12,317,935.0	0.00	52.00	0.00	0	0	
									point147	147	1,216,705.2	12,317,938.0	0.00	52.00	0.00	0	0	
									point148	148	1,216,706.8	12,318,082.0	0.00	52.00	0.00	0	0	
									point149	149	1,216,876.4	12,318,082.0	0.00	52.00	0.00	0	0	
									point150	150	1,216,876.5	12,318,063.0	0.00	52.00	0.00	0	0	
									point151	151	1,216,915.6	12,318,062.0	0.00	52.00	0.00	0	0	
									point152	152	1,216,912.5	12,317,923.0	0.00	52.00				
Barrier22	W	0.00	99.99	0.00				0.00	point153	153	1,216,795.4	12,318,129.0	0.00	60.00	0.00	0	0	
									point154	154	1,216,796.1	12,318,276.0	0.00	60.00	0.00	0	0	
									point155	155	1,216,908.1	12,318,278.0	0.00	60.00	0.00	0	0	
									point156	156	1,216,907.6	12,318,418.0	0.00	60.00	0.00	0	0	
									point157	157	1,216,690.8	12,318,421.0	0.00	60.00	0.00	0	0	
									point158	158	1,216,684.5	12,318,129.0	0.00	60.00	0.00	0	0	
									point159	159	1,216,795.4	12,318,129.0	0.00	60.00				
Barrier23	W	0.00	99.99	0.00				0.00	point160	160	1,216,691.8	12,317,390.0	0.00	60.00	0.00	0	0	
									point161	161	1,216,689.8	12,317,271.0	0.00	60.00	0.00	0	0	
									point162	162	1,216,705.8	12,317,270.0	0.00	60.00	0.00	0	0	
									point163	163	1,216,706.0	12,317,154.0	0.00	60.00	0.00	0	0	
									point164	164	1,216,858.6	12,317,150.0	0.00	60.00	0.00	0	0	
									point165	165	1,216,858.6	12,317,170.0	0.00	60.00	0.00	0	0	
									point166	166	1,216,876.2	12,317,170.0	0.00	60.00	0.00	0	0	
									point167	167	1,216,876.0	12,317,157.0	0.00	60.00	0.00	0	0	
									point168	168	1,216,909.4	12,317,157.0	0.00	60.00	0.00	0	0	
									point169	169	1,216,913.6	12,317,342.0	0.00	60.00	0.00	0	0	
									point170	170	1,216,900.9	12,317,342.0	0.00	60.00	0.00	0	0	

									point171	171	1,216,900.2	12,317,389.0	0.00	60.00	0.00	0	0		
									point172	172	1,216,691.8	12,317,390.0	0.00	60.00					

Dudek
CB
22 June 2020
TNM 2.5
Calculated with TNM 2.5

RESULTS: SOUND LEVELS
PROJECT/CONTRACT: Pacific Coast Commons
RUN: Future + Project
BARRIER DESIGN: INPUT HEIGHTS
ATMOSPHERICS: 68 deg F, 50% RH

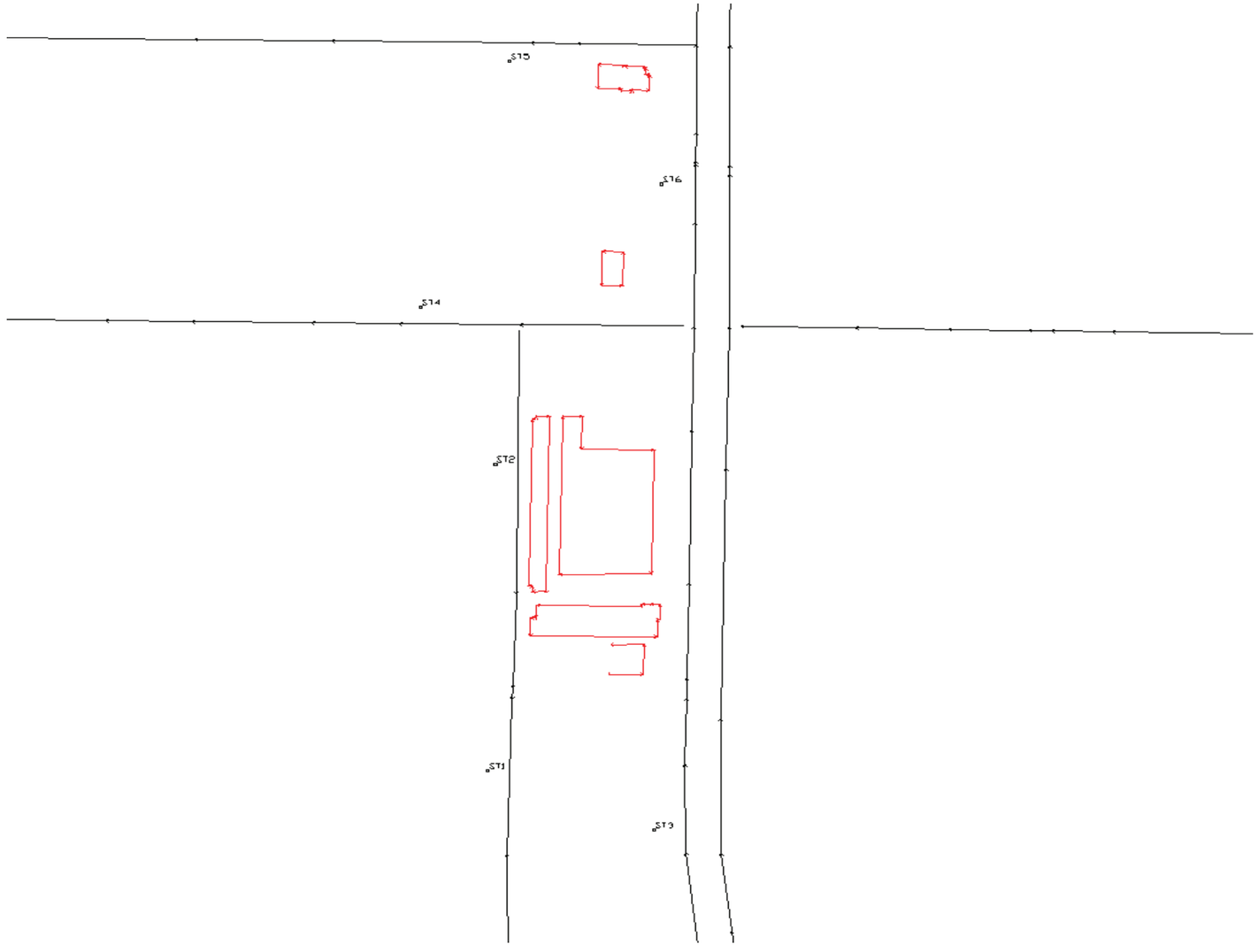
Average pavement type shall be used unless a State highway agency substantiates the use of a different type with approval of FHWA.

Receiver Name	No.	#DUs	Existing LAeq1h	No Barrier LAeq1h Calculated	Crit'n	Increase over existing Calculated	Crit'n Sub'l Inc	Type Impact	With Barrier Calculated LAeq1h	Noise Reduction Calculated	Goal	Calculated minus Goal
			dBA	dBA	dBA	dB	dB		dBA	dB	dB	dB
ST1	1	1	0.0	55.5	66	55.5	10	----	55.5	0.0	8	-8.0
ST2	2	1	0.0	55.7	66	55.7	10	----	55.7	0.0	8	-8.0
ST3	3	1	0.0	68.7	66	68.7	10	Snd Lvl	68.7	0.0	8	-8.0
ST4	4	1	0.0	62.9	66	62.9	10	----	62.9	0.0	8	-8.0
ST5	5	1	0.0	58.5	66	58.5	10	----	58.5	0.0	8	-8.0
ST6	6	1	0.0	70.2	66	70.2	10	Snd Lvl	70.2	0.0	8	-8.0
M1-1	9	1	0.0	54.3	66	54.3	10	----	54.3	0.0	8	-8.0
M1-2	10	1	0.0	54.3	66	54.3	10	----	54.3	0.0	8	-8.0
M1-3	11	1	0.0	54.0	66	54.0	10	----	54.0	0.0	8	-8.0
M1-4	12	1	0.0	53.8	66	53.8	10	----	53.8	0.0	8	-8.0
M1-5	13	1	0.0	53.6	66	53.6	10	----	53.6	0.0	8	-8.0
M1-6	14	1	0.0	53.5	66	53.5	10	----	53.5	0.0	8	-8.0
M2-1	15	1	0.0	61.1	66	61.1	10	----	61.1	0.0	8	-8.0
M2-2	16	1	0.0	61.6	66	61.6	10	----	61.6	0.0	8	-8.0
M2-3	17	1	0.0	61.8	66	61.8	10	----	61.8	0.0	8	-8.0
M2-4	18	1	0.0	62.0	66	62.0	10	----	62.0	0.0	8	-8.0
M2-5	19	1	0.0	61.9	66	61.9	10	----	61.9	0.0	8	-8.0
M2-6	20	1	0.0	61.8	66	61.8	10	----	61.8	0.0	8	-8.0
M3-1	21	1	0.0	71.7	66	71.7	10	Snd Lvl	71.7	0.0	8	-8.0
M3-2	22	1	0.0	71.4	66	71.4	10	Snd Lvl	71.4	0.0	8	-8.0
M3-3	23	1	0.0	71.1	66	71.1	10	Snd Lvl	71.1	0.0	8	-8.0
M3-4	26	1	0.0	70.9	66	70.9	10	Snd Lvl	70.9	0.0	8	-8.0
M3-5	27	1	0.0	70.6	66	70.6	10	Snd Lvl	70.6	0.0	8	-8.0
M3-6	28	1	0.0	70.5	66	70.5	10	Snd Lvl	70.5	0.0	8	-8.0

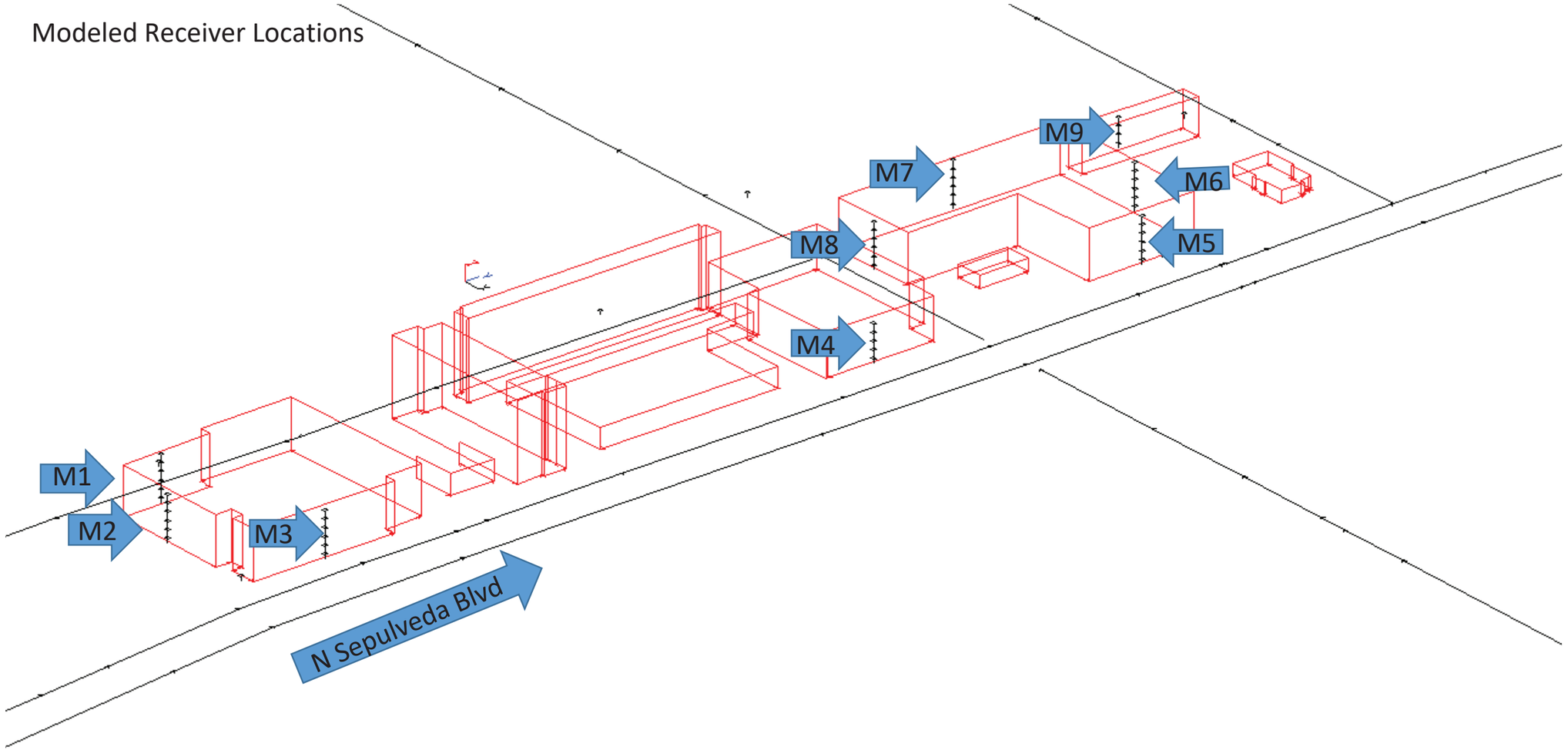
M4-1	29	1	0.0	70.8	66	70.8	10	Snd Lvl	70.8	0.0	8	-8.0
M4-2	30	1	0.0	70.7	66	70.7	10	Snd Lvl	70.7	0.0	8	-8.0
M4-3	31	1	0.0	70.4	66	70.4	10	Snd Lvl	70.4	0.0	8	-8.0
M4-4	32	1	0.0	70.2	66	70.2	10	Snd Lvl	70.2	0.0	8	-8.0
M4-5	33	1	0.0	70.2	66	70.2	10	Snd Lvl	70.2	0.0	8	-8.0
M5-1	34	1	0.0	70.2	66	70.2	10	Snd Lvl	70.2	0.0	8	-8.0
M5-2	35	1	0.0	70.3	66	70.3	10	Snd Lvl	70.3	0.0	8	-8.0
M5-3	36	1	0.0	70.2	66	70.2	10	Snd Lvl	70.2	0.0	8	-8.0
M5-4	37	1	0.0	69.9	66	69.9	10	Snd Lvl	69.9	0.0	8	-8.0
M5-5	38	1	0.0	69.7	66	69.7	10	Snd Lvl	69.7	0.0	8	-8.0
M5-6	39	1	0.0	69.7	66	69.7	10	Snd Lvl	69.7	0.0	8	-8.0
M6-1	40	1	0.0	61.1	66	61.1	10	----	61.1	0.0	8	-8.0
M6-2	41	1	0.0	61.5	66	61.5	10	----	61.5	0.0	8	-8.0
M6-3	42	1	0.0	62.6	66	62.6	10	----	62.6	0.0	8	-8.0
M6-4	43	1	0.0	63.0	66	63.0	10	----	63.0	0.0	8	-8.0
M6-5	44	1	0.0	63.0	66	63.0	10	----	63.0	0.0	8	-8.0
M6-6	45	1	0.0	62.8	66	62.8	10	----	62.8	0.0	8	-8.0
M7-1	46	1	0.0	50.6	66	50.6	10	----	50.6	0.0	8	-8.0
M7-2	48	1	0.0	51.5	66	51.5	10	----	51.5	0.0	8	-8.0
M7-3	49	1	0.0	51.7	66	51.7	10	----	51.7	0.0	8	-8.0
M7-4	50	1	0.0	51.8	66	51.8	10	----	51.8	0.0	8	-8.0
M7-5	52	1	0.0	51.7	66	51.7	10	----	51.7	0.0	8	-8.0
M7-6	53	1	0.0	51.8	66	51.8	10	----	51.8	0.0	8	-8.0
M8-1	54	1	0.0	65.5	66	65.5	10	----	65.5	0.0	8	-8.0
M8-2	56	1	0.0	64.8	66	64.8	10	----	64.8	0.0	8	-8.0
M8-3	57	1	0.0	64.7	66	64.7	10	----	64.7	0.0	8	-8.0
M8-4	58	1	0.0	64.5	66	64.5	10	----	64.5	0.0	8	-8.0
M8-5	59	1	0.0	64.7	66	64.7	10	----	64.7	0.0	8	-8.0
M8-6	60	1	0.0	64.7	66	64.7	10	----	64.7	0.0	8	-8.0
M9-1	62	1	0.0	45.0	66	45.0	10	----	45.0	0.0	8	-8.0
M9-2	63	1	0.0	48.1	66	48.1	10	----	48.1	0.0	8	-8.0
M9-3	64	1	0.0	48.4	66	48.4	10	----	48.4	0.0	8	-8.0
M9-4	65	1	0.0	48.5	66	48.5	10	----	48.5	0.0	8	-8.0

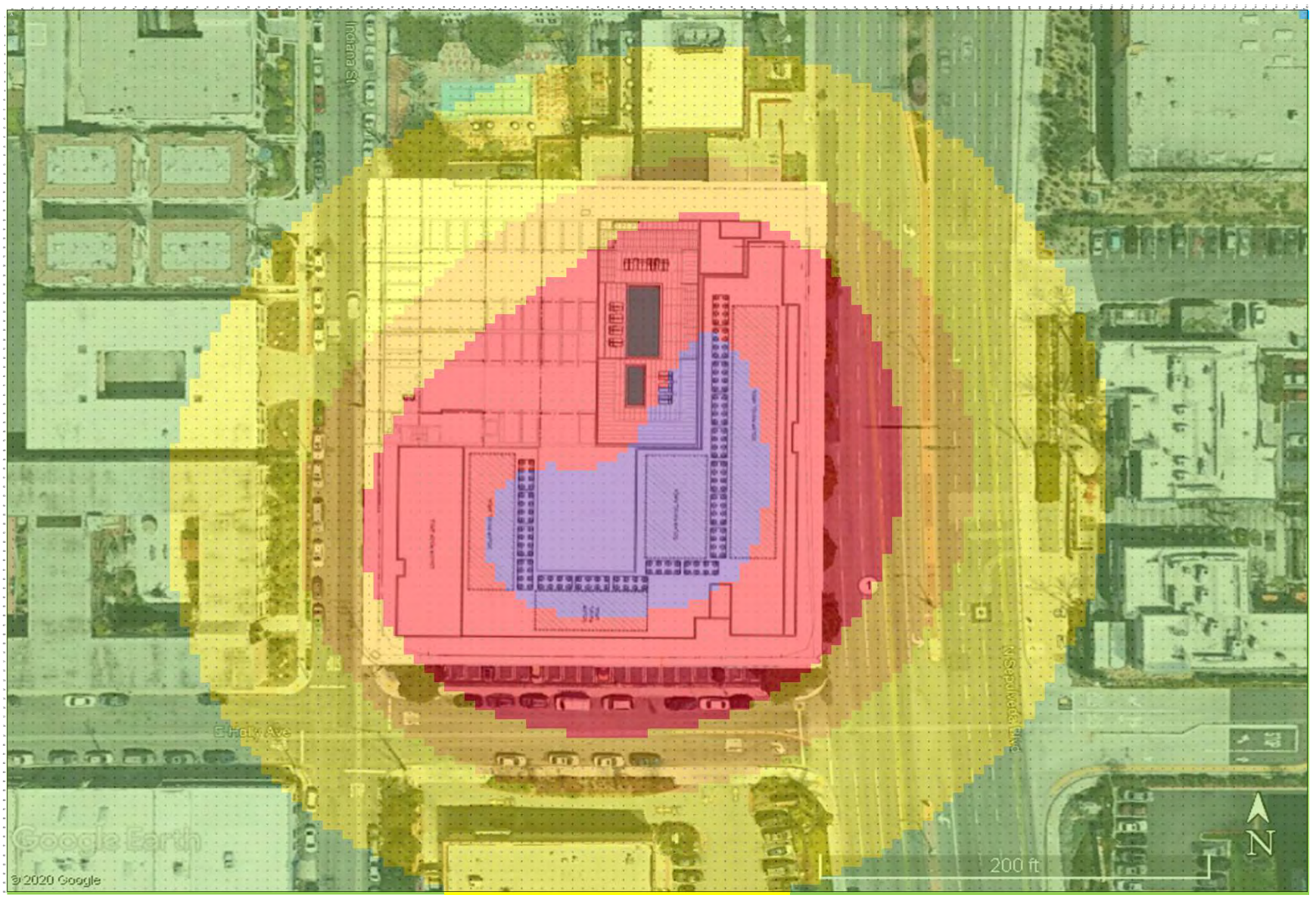
Dwelling Units	**# DUs**	**Noise Reduction**		
		Min	**Avg**	**Max**
		dB	**dB**	**dB**
All Selected	57	0.0	0.0	0.0
All Impacted	19	0.0	0.0	0.0
All that meet NR Goal	0	0.0	0.0	0.0

Appendix B: TNM Calibration Receivers



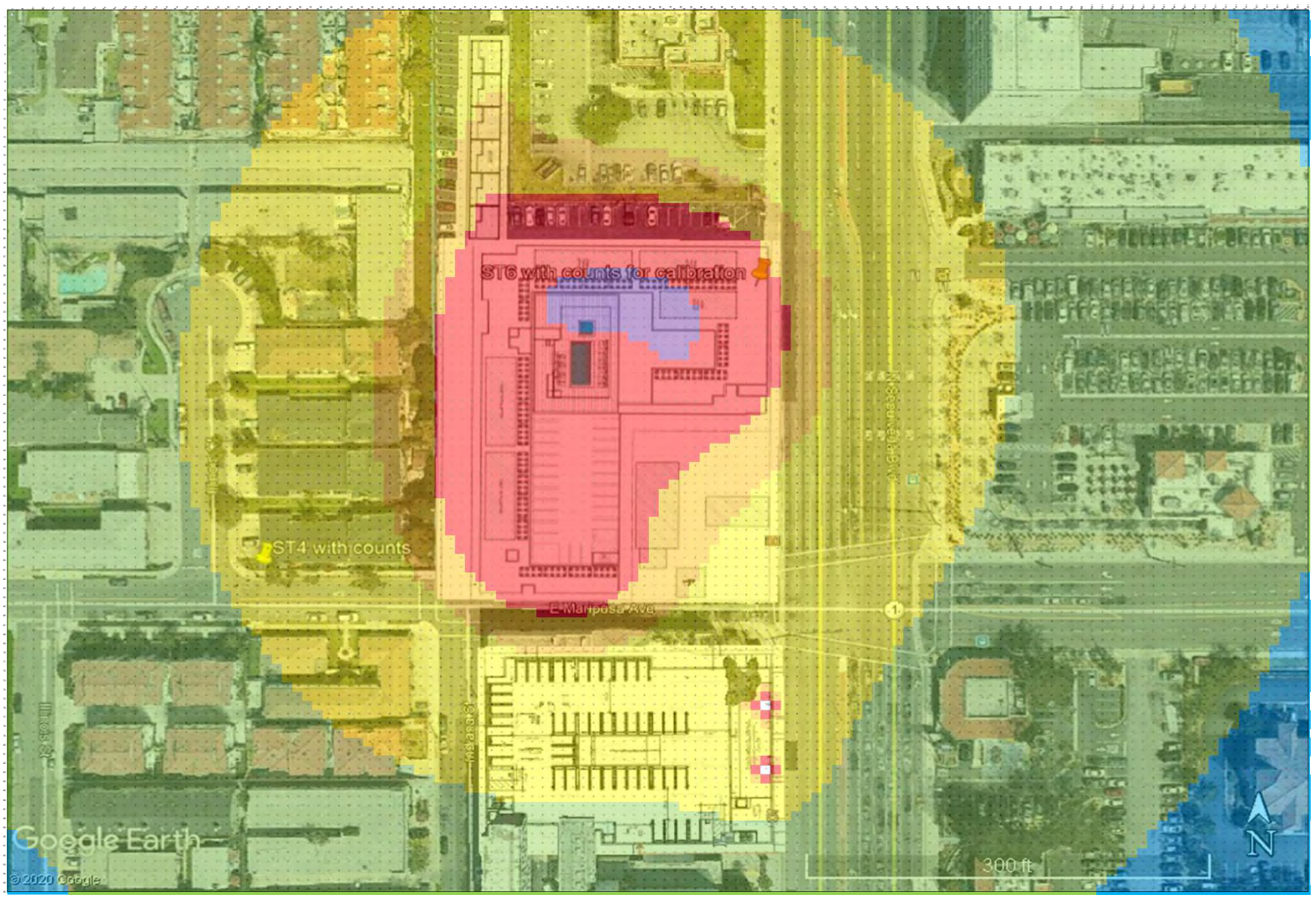
Modeled Receiver Locations





dBA range

Color	High	Low	Color	High	Low
	70	65		58	55
	65	60		55	50
	60	58		45	40



dBA range

Color	High	Low	Color	High	Low
	70	65		60	55
	65	62		55	50
	62	60		50	45

Definition of Terms (all are in feet)

$hd_{srce-rcvr}$ = horizontal distance between noise source and receiver

$hd_{wall-rcvr}$ = horizontal distance between wall (top of barrier) and receiver

$hd_{srce-wall}$ = horizontal distance between source and wall

hd_{wall} = effective horizontal width of wall

$td_{srce-rcvr}$ = "true"distance (point-to-point vector) between noise source and receiver

$td_{srce-wall}$ = "true" distance between source and wall

$td_{wall-rcvr}$ = "true" distance between wall and receiver

h_{roof} = height of building roof above grade

h_{equip} = height of equipment sound source, relative to bottom of equipment base (sitting on roof)

h_{srce} = height of average sound source above ground surface, relative to receiver elevation

h_{wall} = height of wall, relative to receiver position ground elevation

h_{rcvr} = height of listener above ground surface at receiver position

barrier from Bies & Hansen (2nd ed., p. 328-329)

HVAC	HVAC Unit Tag	Source PWL	$hd_{srce-rcvr}$	$hd_{wall-rcvr}$	$hd_{srce-wall}$	h_{roof}	h_{equip}	h_{srce}	h_{wall}	h_{rcvr}	hd_{wall} (thickness)	$td_{srce-rcvr}$	$td_{srce-wall}$	$td_{wall-rcvr}$	path length diff (z)	Fresnel Number at 1kHz (assumes line of sight blocked between source and receiver)	Does line of sight (LOS) occur?	Estimated barrier insertion Loss (IL) in dBA	Distance Attenuation (dB)	Resulting SPL (dBA)
Goodman ACC	1	72	108	70	38	66	3	69.0	72	15	0.25	120.7	38	90	7.9	14.0		22	30	12
Goodman ACC	2	72	108	70	38	66	3	69.0	72	15	0.25	120.7	38	90	7.9	14.0		22	30	12
Goodman ACC	3	72	108	70	38	66	3	69.0	72	15	0.25	120.7	38	90	7.9	14.0		22	30	12
Goodman ACC	4	72	108	70	38	66	3	69.0	72	15	0.25	120.7	38	90	7.9	14.0		22	30	12
Goodman ACC	5	72	108	70	38	66	3	69.0	72	15	0.25	120.7	38	90	7.9	14.0		22	30	12
Goodman ACC	6	72	108	70	38	66	3	69.0	72	15	0.25	120.7	38	90	7.9	14.0		22	30	12
Goodman ACC	7	72	108	70	38	66	3	69.0	72	15	0.25	120.7	38	90	7.9	14.0		22	30	12
Goodman ACC	8	72	108	70	38	66	3	69.0	72	15	0.25	120.7	38	90	7.9	14.0		22	30	12
Goodman ACC	9	72	108	70	38	66	3	69.0	72	15	0.25	120.7	38	90	7.9	14.0		22	30	12
Goodman ACC	10	72	108	70	38	66	3	69.0	72	15	0.25	120.7	38	90	7.9	14.0		22	30	12
																	aggregate sound pressure level (SPL) at the receptor:			**22**

Appendix I

Public Services Correspondence Letters

Sabrina Alonso

From: Carver, James <JCarver@elsegundo.org>
Sent: Wednesday, July 1, 2020 5:33 PM
To: Sabrina Alonso; Donovan, Chris
Cc: Kristin Starbird; Samaras, Paul
Subject: RE: Public Services Letters- PCC Specific Plan Project

Sabrina:

My apologies for the delay in getting the information to you, I wanted to confirm the data before sending it out, I offer the following:

1. Provide a list of all Fire Department stations that may serve the Project site, and a summary of existing staffing and equipment at each station.

Fire Station #1, 314 Main Street

- 1 Battalion Chief
- 1 – 3 person Engine Company
- 1 – 2 person Paramedic Rescue

Fire Station #2, 2261 E. Mariposa Ave.

- 1 – 3 person Engine Company
- 1 – 3 person Truck Company
- 1 – 2 person Paramedic Rescue

2. Are there established performance standards/objectives for maintaining acceptable service ratios or response times? Yes

a. If so, please provide established performance standards/objectives.
We have a Policy 306, Response Time Standards which includes:
   a. One minute or less for dispatch processing time.
   b. One minute or less for turnout time for Emergency Medical Services (EMS) incidents.
   c. One minute 20 seconds or less for turnout time for non-EMS incidents.
   d. Four minutes or less for the arrival of the first engine company at a fire suppression incident.
   e. Eight minutes or less for the arrival of a full first-alarm assignment at a fire suppression incident.
   f. Four minutes or less for the arrival of a unit with first responder or higher level capability at an EMS incident.
   g. Eight minutes or less for the arrival of an advanced life support (ALS) unit at an EMS incident when this service is provided by the Department.

b. Are these established performance standards/objectives being achieved? Yes

c. Please provide data on current response times/service ratios, if available.
We believe we are striving to meet the performance objective. Our average total response time in 2019 was 5 minutes.

3. Are existing fire protection facilities sufficient to provide service to the proposed Project? Yes
If not, please see Question #4.

4. Would development of the proposed Project result in the need for new facilities and/or physically altered facilities in order to maintain acceptable service ratios, response times, or other performance objectives of the El Segundo Fire Department? No.

a. If new facilities are required, please describe what facilities

Please let me know if you need any additional information.

Please keep practicing social distancing and frequent hand washing to stop the spread of COVID-19.

Thanks,

James Carver, Fire Marshal
El Segundo Fire Department
314 Main Street
El Segundo, CA 90245
O: (310) 524-2239 I F: (310) 414-0929 I M: (424) 367-9351

PACIFIC COAST COMMONS SPECIFIC PLAN PROJECT
PUBLIC SERVICES QUESTIONS

EL SEGUNDO POLICE DEPARTMENT

Project Location: The proposed Project site is bound by Palm Avenue on the north, PCH on the east, Holly Avenue on the south, and Indiana Street on the west. Mariposa Avenue bisects the portions of the Project site. Access to the Project site is currently provided by PCH on the east and Indiana Street to the west. See the attached Figure 2-1, Project Location, for the limits of the Project site boundaries.

Project Overview: The Project would redevelop the existing surface parking lots of the Fairfield Inn & Suites and Aloft Hotel properties, as well as the old Hacienda Restaurant, through the adoption of a Specific Plan that allows for the development of 263 new housing units and approximately 11,100 square feet of commercial/retail uses, while maintaining the existing hotels and associated 596 rooms. The Project is projected to generate a resident population of approximately 627 individuals (i.e. 263 residential units at 2.385 persons/unit).

1. Provide a list of all Police Department stations that may serve the Project site, and a summary of existing staffing and community services at each station. El Segundo currently has one police station located at 348 Main Street staffed by 56 sworn officers (we are budgeted for 62 sworn) and 22 full time civilian staff. We also budget for 15 cadets (part-time spots).

2. Are there established performance standards/objectives for maintaining acceptable service ratios (officer-to-resident ratio) or response times?

    a. If so, please provide established performance standards/objectives. ESPD staffs at least 1 sergeant plus 4 patrol officers during dayshift but will go down to a minimum number of 3 officers depending on staffing situations. These numbers slightly increase during evening shifts. Additionally, we deploy at least 1 motorcycle officer during dayshift to address traffic concerns.

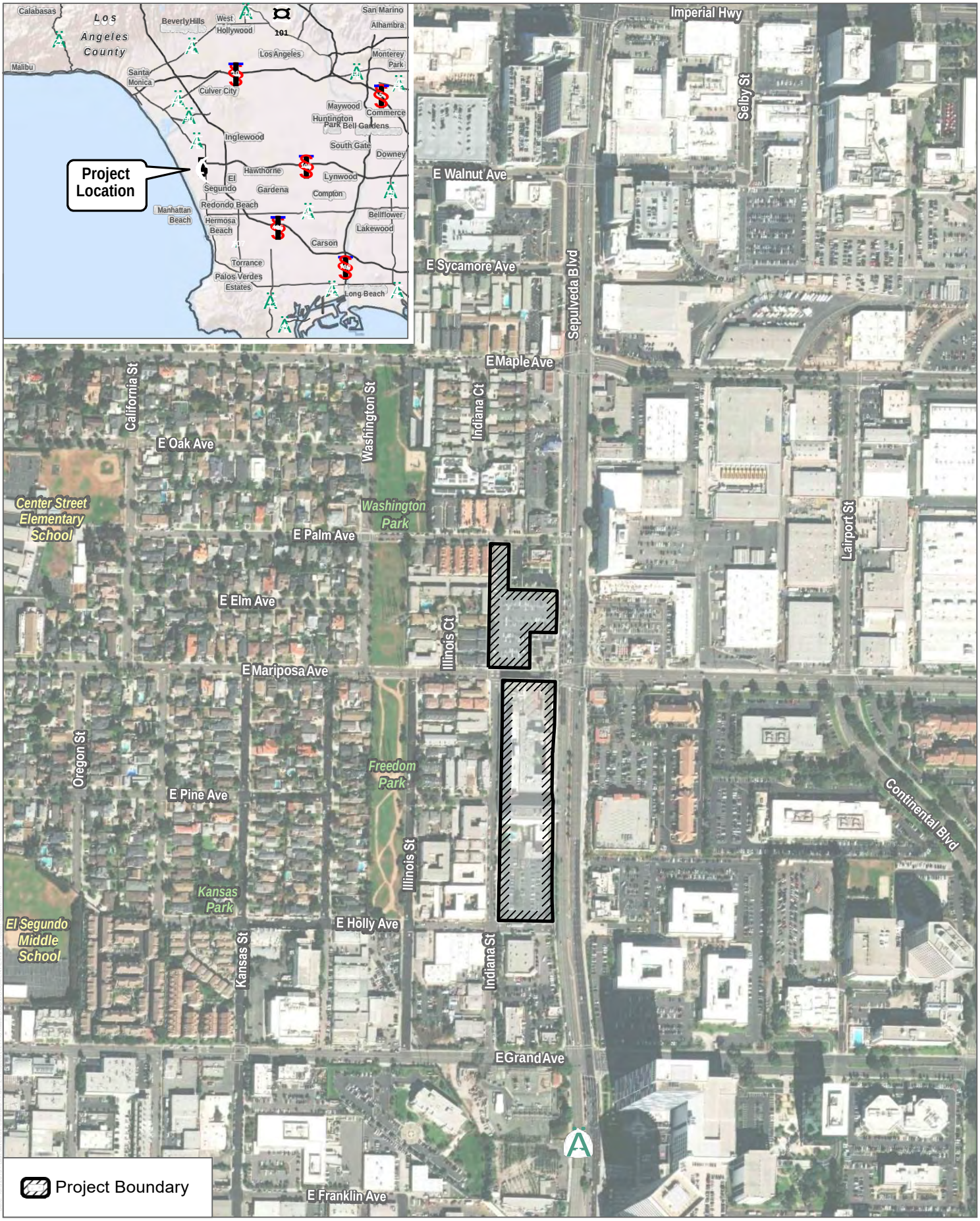
    b. Are these established performance standards/objectives being achieved? Please provide data on current response times/service ratios, if available. Our current established performance standards are being achieved. Our current response times for Priority 1 calls are between 2.16 minutes and 4.25 minutes. Priority 2 calls are between 5.15 minutes and 10.08 minutes. (Chart below to explain)

RESPONSE FROM	REPORTING DISTRICT	PRIORITY 1	PRIIORITY 2
POLICE STATION	315 (2.6 MILES)	3.23 MINS	8.46 MINS
POLICE STATION	318 (3.2 MILES)	3.51 MINS	9.28 MINS
POLICE STATION	112 (0.5 MILES)	2.16 MINS	5.15 MINS
POLICE STATION	204 (3.5 MILES)	4.25 MINS	10.08 MINS

3. Are existing police station facilities sufficient to provide service to the proposed Project? If not, please see Question #4. Yes.

4. Would development of the proposed Project result in the need for new facilities and/or physically altered facilities in order to maintain acceptable service ratios, response times, or other performance objectives of the El Segundo Police Department? No.

    a. If new facilities are required, please describe what facilities are required and whether such facilities are already planned and/or approved.



SOURCE: Esri and Digital Globe 2019; Open Street Map 2019

DUDEK n 0 250 500 Feet

FIGURE 2-1

Project Location

Pacific Coast Commons Specific Plan EIR Project

Sabrina Alonso

From: Dylan Farris <dfarris@esusd.net>
Sent: Monday, July 13, 2020 3:51 PM
To: Sabrina Alonso
Subject: Re: Pacific Coast Commons project request for information

1. Provide a list of the El Segundo Unified School District (ESUSD) student generation factors (such as the OPSCs standard rate from their form SAB 50-01 below) that can be used to estimate the potential increase in enrollment that would be associated with the Project? If so, please provide.

School Levels	Single Family Detached Units	Multi-Family Attached Units
Elementary School	0.2447	0.1338
Middle School	0.1220	0.0752
High School	0.1630	0.1063
Total	0.5297	0.3153

2. What schools are within the district's service boundaries for the proposed Project site? What is the 2019 student enrollment as well as the student enrollment capacity for each of the schools? Note: the enrollment capacity numbers are estimates. The available space is actually more than what is indicated by these numbers, as a portion of enrollment is from students from outside the District filling open space that would otherwise be available to residents.

Eagle's Nest Preschool – 100 / 100
Center Street Elementary School – 776 / 800
El Segundo Middle School – 864/1000
El Segundo High School - 1214 / 1400
Arena Continuation High School 36 / 70

3. Are there established performance standards/objectives for maintaining acceptable service ratios (e.g. student-to-teacher ratios)? There are no formal performance standards tied to ratios.

a. If so, please provide established performance standards/objectives.

b. Are these established performance standards/objectives being achieved? Please provide data on current service ratios, if available.

K-3 24:1
4-5 32:1
6-12 36:1

4. Are existing schools sufficient to provide support to the proposed Project? If not, please see Question #5.
Yes

5. Would development of the proposed Project result in the need for new facilities and/or physically altered facilities in order to maintain acceptable performance objectives? No

a. If new facilities are required, please describe what facilities are required and whether such facilities are already planned and/or approved.

Best,

Dylan Farris, Ed.D.
Executive Director of Human Resources and Facilities
office: (310) 615-2650 ext. 1510 / e-mail: dfarris@esusd.k12.ca.us
El Segundo Unified School District / 641 Sheldon St., El Segundo, CA 90245
www.elsegundousd.net

ESUSD is dedicated to providing students and the community with an optimum learning environment that prepares educated, productive, compassionate citizens to meet the challenges of a global society in the 21st century.

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:

Recreation & Parks Department
Response to Pacific Coast Commons Specific Plan Project

1. Provide a list of all local/regional parks that may serve the Project site, and a summary of existing facilities (e.g. sports court, pool, picnic areas, community rooms) at each park.

Facility listing attached. Source: www.elsegundorecparks.org

2. Are there established performance standards/objectives for maintaining acceptable service ratios (e.g. park acreage per resident)?

a. If so, please provide established performance standards/objectives.

The State of CA Parks Department typically uses a 3.00 acres per 1,000 residents as the standard of park space within communities.

b. Are these established performance standards/objectives being achieved? Please provide data, if available.

Using the "Community Fact Finder" tool on the CA State Parks website, the project location data is attached in a report, but appears to be within the above standard, at about 3.5 acres of park space per 1,000 residents.

3. Are existing park/recreation facilities sufficient to provide service to the proposed Project? If not, please see Question #4.

Yes. The closest park to the project location is Washington Park. Fortunately, Washington Park contains a playground which was just renovated by the City in March 2020.

4. Would development of the proposed Project result in the need for new park/recreation facilities and/or physically altered facilities in order to maintain performance objectives of the El Segundo Recreation and Parks Department?

a. If new facilities are required, please describe what facilities

No new facilities would be required. However, some updates to the benches, picnic tables, trash cans and other park fixtures would be welcomed, as well as funds to make improvements to the existing walking paths.



Parks & Facilities Directory



Total 26 locations found.

Acacia Park



ADDRESS:

600 Block of W. Acacia Ave.
El Segundo, CA 90245

AMENITIES:

- Grass Play Area
- Park
- Picnic Tables
- Pool
- Restrooms
- Water Fountain

Campus El Segundo



ADDRESS:

2201 E. Mariposa Ave.
El Segundo, CA 90245

PHONE:

(310) 524-2700

CAPACITY:

100 +

AMENITIES:

- Athletic Field
- Available to Rent
- Restrooms
- Smoke-free
- Soccer Fields
- Water Fountain

Candy Cane Park



ADDRESS:

100 Block of Whiting St.
El Segundo, CA 90245

AMENITIES:

- Grass Play Area
- Kid-friendly
- Park
- Playground

Checkout Building



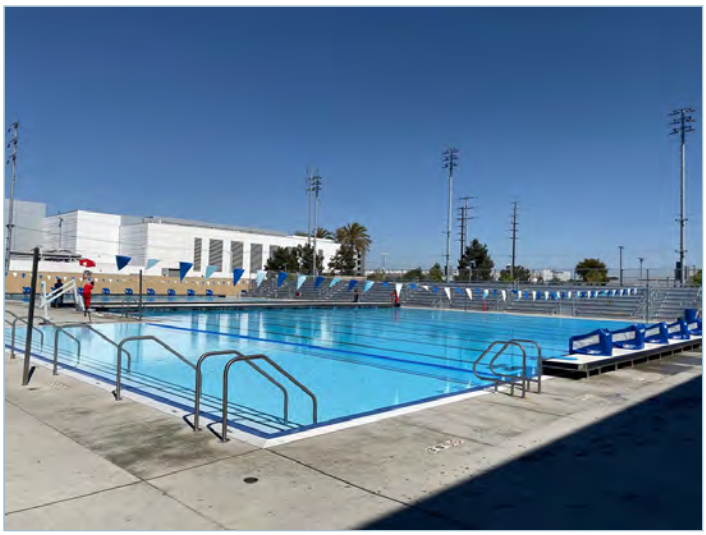
ADDRESS:
401 Sheldon Street
El Segundo, CA 90245

PHONE:
(310) 524-2700

CAPACITY:
N/A

AMENITIES:
- Facility
- Restrooms
- Water Fountain

City of El Segundo Wiseburn Unified School District Aquatics Center



ADDRESS:
2240 E. Grand Ave.
El Segundo, CA 90245

PHONE:
(310) 524-2738

CAPACITY:
100 +

AMENITIES:
- Accessible
- Available to Rent
- Facility
- Parking
- Pool
- Restroom with Showers
- Restrooms
- Water Fountain

Clutter's Park



ADDRESS:
E. Imperial Ave &
Sheldon St.
El Segundo, CA 90245

AMENITIES:
- Park
- Picnic Tables

Constitution Park



ADDRESS:

Washington St.
between Sycamore St.
& Maple Ave.
El Segundo, CA 90245

AMENITIES:

- Grass Play Area
- Park

El Segundo Dog Park



ADDRESS:

E. Imperial Ave.
between Sheldon St. &
McCarthy Court
El Segundo, CA 90245

AMENITIES:

- Dog Friendly
- Dog Water Fountain
- Park
- Smoke-free
- Water Fountain

Freedom Park



ADDRESS:

Illinois St. between
Mariposa Ave. & Holly
Ave.
El Segundo, CA 90245

AMENITIES:

- Grass Play Area
- Park
- Pet-friendly

George Brett Field



ADDRESS:

Located in northeast corner of Recreation Park.
El Segundo, CA 90245

AMENITIES:

- Athletic Field
- Available to Rent
- Ball field
- Restrooms
- Smoke-free

George E. Gordon Clubhouse



ADDRESS:

300 E. Pine Ave.
El Segundo, CA 90245

PHONE:

(310) 524-2362

CAPACITY:

50 - 100

AMENITIES:

- Air Conditioning
- Available to Rent
- Facility
- Restrooms
- Smoke-free
- Water Fountain

Hilltop Park



ADDRESS:

Corner of Maryland St. & Grand Ave.
El Segundo, CA 90245

AMENITIES:

- Available to Rent
- BBQ Grill
- Park
- Picnic Tables
- Playground
- Pool
- Restrooms
- Water Fountain

Holly Valley Park



ADDRESS:

Corner of W. Holly Ave & Valley St.
El Segundo, CA 90245

AMENITIES:

- Park
- Picnic Tables
- Playground

Imperial Strip & Memory Tree Row



ADDRESS:

Imperial Ave. between Hillcrest Ave. & Center St.
El Segundo, CA 90245

AMENITIES:

- Grass Play Area
- Park
- Pet-friendly

Independence Park



ADDRESS:

Washington St. between walnut Ave. & Sycamore Ave.
El Segundo, CA 90245

AMENITIES:

- Park

Joslyn Center



ADDRESS:

339 Sheldon Street
El Segundo, CA 90245

PHONE:

(310) 524-2705

CAPACITY:

N/A

AMENITIES:

- Accessible
- Air Conditioning
- Facility
- Parking
- Pool Table
- Restrooms
- TV / Movie Room
- Water Fountain

Kansas Park



ADDRESS:

Corner of Kansas St. &
Holly Ave.
El Segundo, CA 90245

AMENITIES:

- Grass Play Area
- Park
- Picnic Tables
- Playground

Library Park



ADDRESS:

600 Block Main Street
El Segundo, CA 90245

AMENITIES:

- Gazebo
- Grass Play Area
- Park
- Water Fountain

Recreation Park



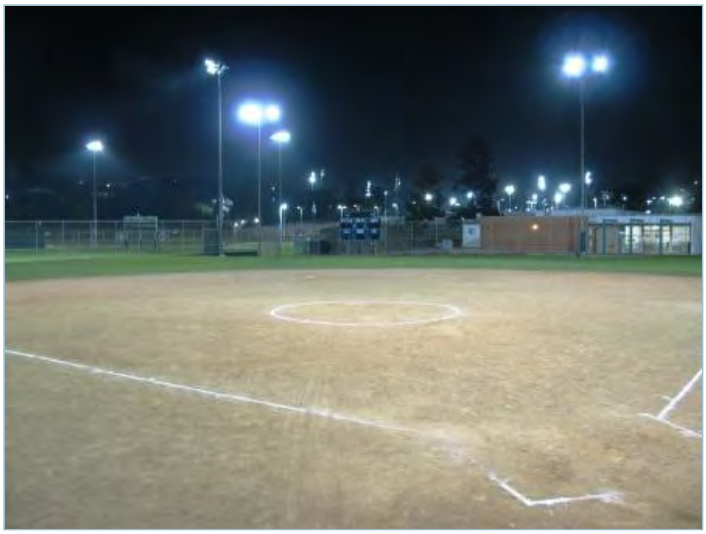
ADDRESS:

401 Sheldon Street
El Segundo, CA 90245

AMENITIES:

- Accessible
- Bag-O Courts
- Ball field
- Basketball Court
- BBQ Grill
- Dog Water Fountain
- Fire Pit
- Grass Play Area
- Horseshoes
- Park
- Parking
- Pickleball
- Picnic Tables
- Ping Pong Table
- Playground
- Pool
- Restrooms
- Shuffle Board
- Smoke-free
- Tennis Courts
- Volleyball
- Water Fountain

Recreation Park Softball Field



ADDRESS:

Holly Ave. &
Euclyptus Dr.
El Segundo, CA 90245

AMENITIES:

- Athletic Field
- Available to Rent
- Ball field
- Restrooms
- Water Fountain

« First « Prev | 1 | 2 | Next » Last »

1 - 20 of 26 items



Parks & Facilities Directory



4 mi

County of Los Angeles, Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, Bureau of Land Management, EPA, NP… Powered by Esri

Total 26 locations found.

Richmond Steet Field



ADDRESS:

Corner of Virginia St. & Mariposa Ave.
El Segundo, CA 90245

AMENITIES:

- Athletic Field
- Available to Rent
- Ball field
- Water Fountain

Stevenson Field



ADDRESS:

Holly Ave. & Euclyptus Dr.
El Segundo, CA 90245

AMENITIES:

- Athletic Field
- Available to Rent
- Ball field
- Restrooms

Sycamore Park



ADDRESS:

Corner of Sycamore Ave. & California St.
El Segundo, CA 90245

AMENITIES:

- BBQ Grill
- Grass Play Area
- Park
- Picnic Tables
- Playground
- Water Fountain

Teen Center & Skate Park



ADDRESS:

405 Grand Ave.
El Segundo, CA 90245

PHONE:

(310) 524-2718

CAPACITY:

100 +

AMENITIES:

- Accessible
- Available to Rent
- Basketball Court
- Facility
- Fitness Center
- Kid-friendly
- Parking
- Pool Table
- Restrooms
- Skate Park
- Smoke-free
- TV / Movie Room
- Water Fountain

Urho Saari Swim Stadium - "The Plunge"



ADDRESS:

219 W. Mariposa
El Segundo, CA 90245

PHONE:

(310) 524-2738

CAPACITY:

50 - 100

AMENITIES:

- Available to Rent
- Facility
- Pool
- Restroom with Showers
- Restrooms
- Smoke-free
- Water Fountain

Washington Park



ADDRESS:

Washington St.
between Maple Ave. &
Mariposa Ave.
El Segundo, CA 90245

AMENITIES:

- Grass Play Area
- Park
- Picnic Tables
- Playground

« First « Prev | 1 | 2 | Next » Last »

21 - 26 of 26 items

California State Parks

Community FactFinder Report

Project ID: 10212
Coordinates: 33.9234, -118.3968
Date: 04/29/2020

This is your project report for the site you have defined. Please refer to your **Project ID** above in any future communications about the project.

PROJECT AREA STATISTICS

County:	Los Angeles
City:	El Segundo
Total Population:	2,861
Youth Population:	775
Senior Population:	279
Households Without Access to a Car:	48
Number of People in Poverty:	206
Median Household Income:	$103,890
Per Capita Income:	$45,878
Park Acres:	10.06
Park Acres per 1,000 Residents:	3.51

PROJECT AREA MAP



REPORT BACKGROUND

The project statistics have been calculated based on half mile radius around the point location selected. Only park acres within the project area's half mile radius are reported.

Population and people in poverty are calculated by determining the percent of any census block-groups that intersect with the project area. The project area is then assigned the sum of all the census block-group portions. An equal distribution in census block-groups is assumed. Rural areas are calculated at a census block level to improve results.

Median household and per capita income are calculated as a weighted average of the census block- group values that fall within the project area.

More information on the calculations is available on the methods page »

Demographics—American Community Survey (ACS) 5-year estimates 2012-2016; Decennial 2010 Census; the margin of error (MOE) was not analyzed.

Parks—California Protected Areas Database 2017a CFF adjusted (5/2018) - more information at http://www.CALands.org. Parks and park acres area based on best available source information but may not always contain exact boundaries or all parks in specific locations. Parks are defined further in the 2015 SCORP (pg. 4).

Users can send updated information on parks to SCORP@parks.ca.gov

El Segundo Public Library Public Services Questions – Pacific Coast Commons Project

4/2020

1. Are there established performance standards/objectives for maintaining acceptable service ratios?

   The American Library Association no longer sets prescriptive standards for libraries in the United States as communities have different needs. The El Segundo Public Library does utilize benchmark comparisons, however, to help evaluate performance and identify growth opportunities. FY 2018-2019 data below based on El Segundo's population of 16,784 indicates that the El Segundo Public Library meets or exceeds most benchmarks compared to the LA County Library system and California public libraries median. (Data from California Public Library Statistics - https://www.library.ca.gov/services/to-libraries/statistics/).

Benchmark Input Measures	**El Segundo Public Library**	**LA County Library**	**California Median**
Square Feet per Capita	2.354 (40,173 sq. ft)	.3306	.4549
Seats per 1K	6.3	2.13	Not available
PCs per 1K	3.69	.5301	.6285
Items per Capita	9.079 (152,390 items)	1.65	2.82

Benchmark Output Measures (per Capita)	**El Segundo Public Library**	**LA County Library**	**California Median**
Annual Circulation	9.57 (163,330 total)	4.47	4.63
Annual Gate Count	13.23 (225,821)	2.88	3.39
Annual Program Attendance	.4173 (7122)	.1538	.2701
Annual Public Computer Use (per 1000)	665.42 (11,356 sessions)	436.76	478.64
% of Population Registered	97.73% (16,679)	73.88%	58.32%

2. Are existing library facilities sufficient to provide service to the proposed Project? If not, please see Question #3.

   El Segundo Public Library's physical facilities are sufficient to provide services to the proposed Project, but the digital library needs to be enhanced. Note FY 2018-2019 data below.

Benchmark Output	El Segundo Public Library	LA County Library	California Median
Circulation of Electronic Materials	11,123	2,345,072	29,550

3. Would development of the proposed Project result in the need for new library facilities and/or physically altered facilities in order to maintain performance objectives of the El Segundo Public Library? Yes

    a. If new facilities are required, please describe what facilities are required and whether such facilities are already planned and/or approved.

    The El Segundo Public Library's digital library needs to be enhanced to meet the needs of an expansion of residents, businesses, and visitors using the resources. Additional financial support would be used to grow electronic access to eBooks and audio books, movies and music, and educational databases via the library's portal (elsegundolibrary.org).

PREPARED BY
FEHR & PEERS
600 Wilshire Blvd, Suite 1050
Los Angeles, CA
213.261.3050

Pacific Coast Commons

Transportation Impact Analysis

525 Pacific Coast Highway
El Segundo, CA 90245

November 2020

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Appendix A: Lane Configurations and Traffic Volumes

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Appendix D: Signal Warrant Sheets

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1. INTRODUCTION

This report documents the assumptions, methodologies, and findings of a study conducted by Fehr & Peers to evaluate the potential transportation impacts of a proposed mixed-use development on the Fairfield Inn & Suites and Aloft Hotel parking lots in the City of El Segundo. This study was conducted as part of an environmental document being prepared for the proposed Project.

PROJECT DESCRIPTION

The proposed Pacific Coast Commons project (the Project) is on Pacific Coast Highway (PCH) between East Palm Avenue and East Holly Avenue. The adjacent land uses include residential and commercial to the north, residential to the west, a commercial development consisting of restaurants, an office, and retail service to the east, and retail and offices to the south. Figure 1 illustrates the proposed project site plan and its relation to existing uses. Regional access to the project site is provided by the Century Freeway (I-105) to the north, with access ramps approximately ½ mile away. I-105 connects to the San Diego Freeway (I-405) located over a one mile from the project site. The Project is located approximately ½ mile from the Metro Green Line Mariposa Station.

The Project consists of the adoption of the Pacific Coast Commons Specific Plan which consists of five areas which will allow the development of 263 residential units and 11,252 square feet of commercial space in three of the areas. The other two areas are developed with the Aloft Hotel (Area 2) and the Fairfield Inn & Suites (Area 3). The Pacific Coast Commons North site (Area 5) is the surface parking area for the Fairfield Inn & Suites. This site will be developed with 143 residential units and 2,223 square feet of commercial space. The Fairfield Parking and Commercial Use site (Area 4) is currently developed with a non-operational restaurant site, a rent-a-car business, and ballroom and meeting space which is periodically used. This site will be developed with approximately 3,273 square feet of ground-floor commercial and a parking structure for the Fairfield hotel. The Pacific Coast Commons South site (Area 1) is the surface parking area for the Aloft Hotel. This site will be redeveloped with 120 residential units and 5,756 square feet of commercial space. Up to 3,700 square feet of the commercial space across all three sites could be fast casual restaurant space and the remainder would be general retail.[1] The project will also construct sidewalk improvements such as landscaping enhancements along the project site, along PCH, Indiana Street, Holly Avenue, and Mariposa Avenue.

[1] In order to provide flexibility in the buildout of the commercial spaces for the Project, the traffic analysis was tested with the fast casual restaurant square footage (3,700 square feet) allocated across all three sites. Traffic analysis indicates that the fast casual land use could be included in any portion of the project site as long as it does not exceed 3,700 square feet. The rest of the commercial square footage would remain as retail. This report presents the analysis assuming that the fast casual restaurant is fully contained in the Pacific Coast Commons South site.

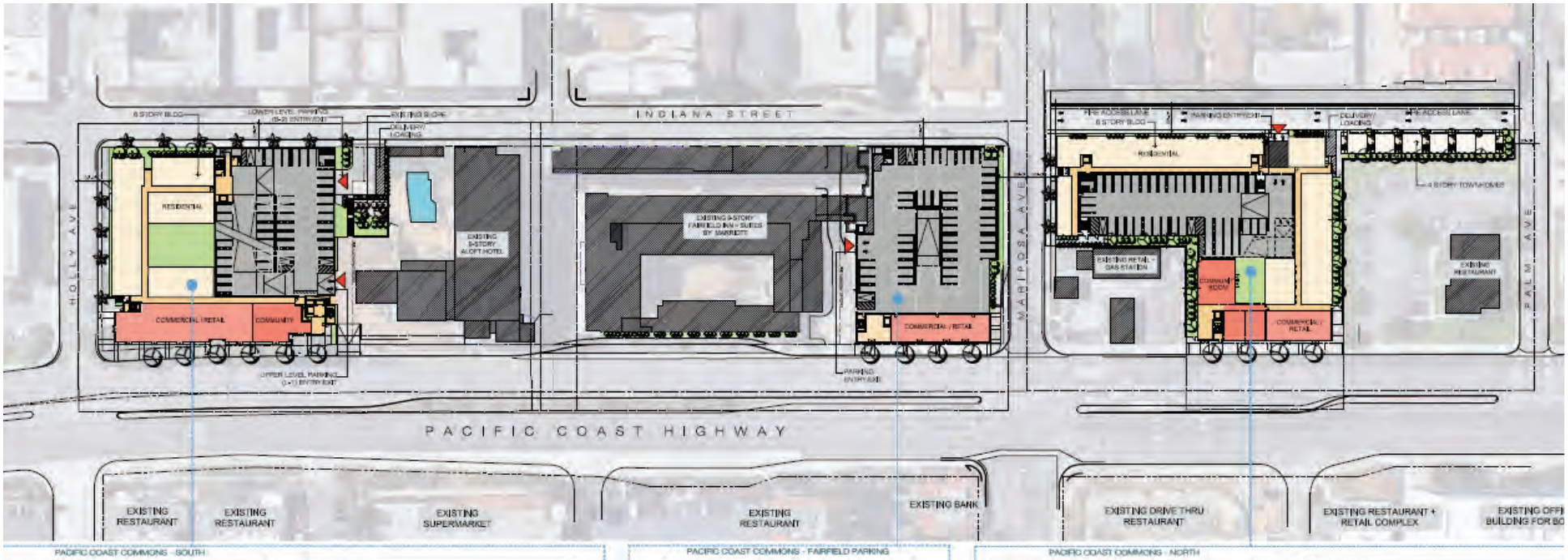
Vehicle access for the Project is to be provided via PCH, Indiana Street, Mariposa Avenue, and Palm Avenue. The driveway configurations for the individual sites are as follows and illustrated in Figure 2:

- Pacific Coast Commons North Site
    - Access for residential and commercial (full access in/out) provided via Mariposa Avenue and Palm Avenue into a private driveway

- Fairfield Parking Site
    - Access for hotel and commercial (right in only) provided via PCH
    - Access for hotel and commercial (full access out only) provided via Indiana Street

- Pacific Coast Commons South Site
    - Hotel/Commercial access (right in/right out) provided via PCH
    - Residential access (full access in/out) provided primarily via Indiana Street, with access via PCH (right in/right out)

The new Fairfield Hotel parking structure will not have direct (outbound) access onto Indiana Street. The structure will have direct inbound and outbound access from the existing internal drive aisle of the hotel, between Indiana Street and PCH. The existing driveway on Indiana Street will continue to provide outbound-only access for hotel and commercial uses. There is also an existing driveway between the Fairfield and Aloft hotels, at Pine Avenue. This driveway will continue to be a service-only driveway (for trash collection trucks and emergency vehicles) and will not provide site access for patrons and employees of the project.



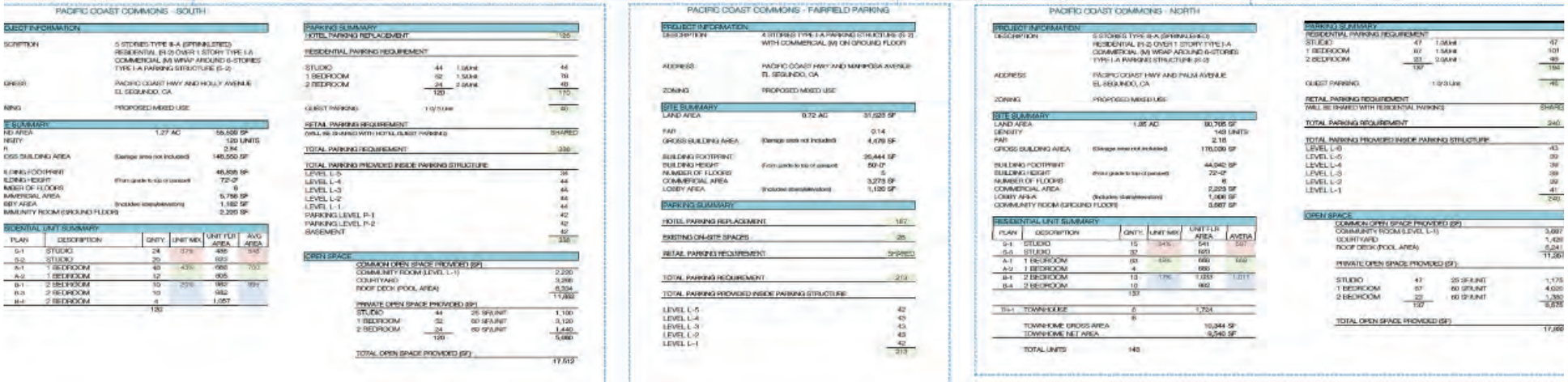
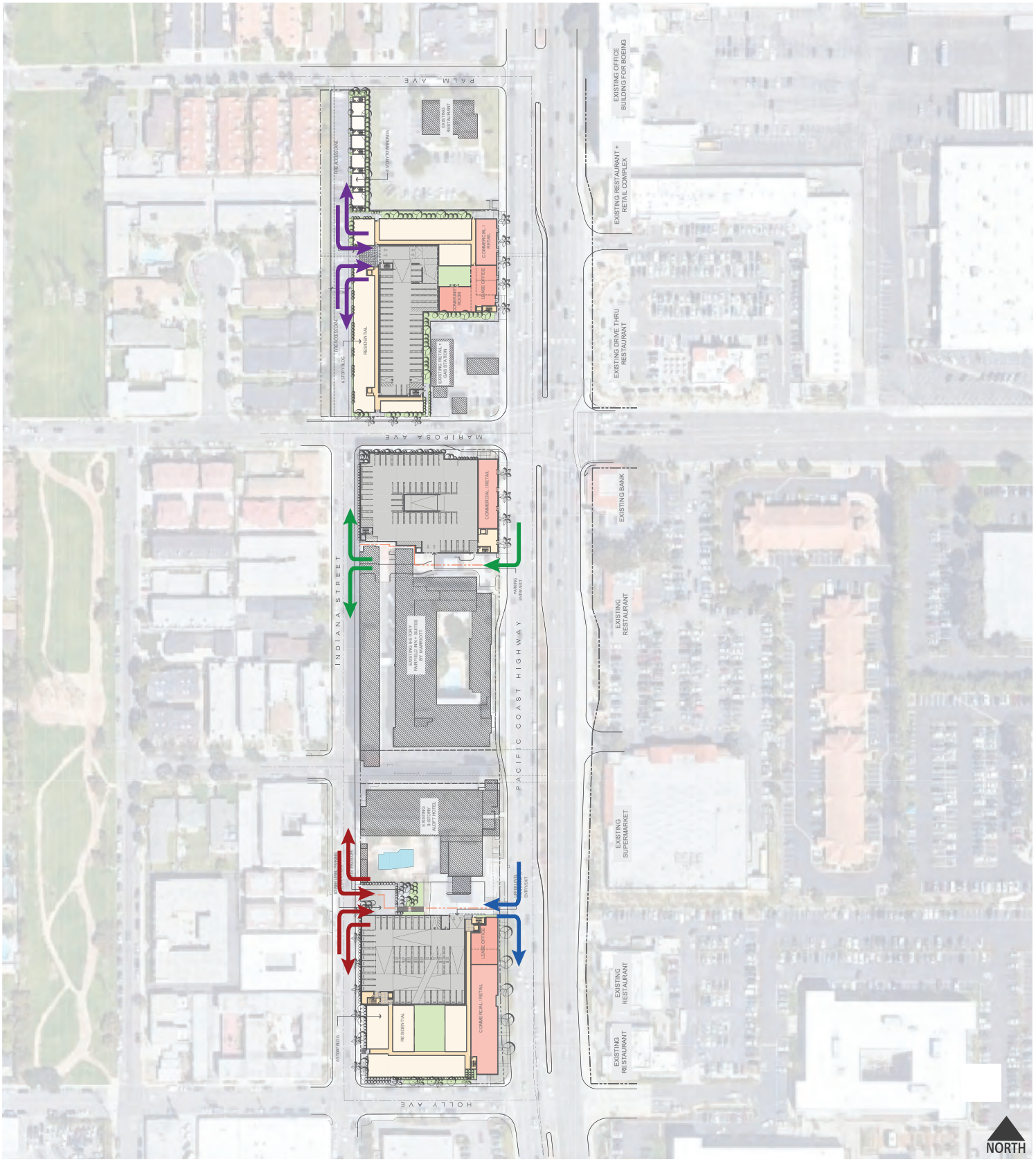


Figure 1

Site Plan



Pacific Coast Commons North

→ Residential/Commercial Access

Fairfield Parking

→ Hotel/Commercial Access

Pacific Coast Commons South

→ Primary Residential Access

→ Hotel/Commercial Access

Figure 2

Driveway Access with Project Conditions

\\fpla03\data\Jobs\Active\3000s\3078_Fairfield Inn Suites Aloft\Graphics\AI\SiteAccess_v2.ai

STUDY SCOPE

The scope of work for this study was determined in consultation with the City of El Segundo. The base assumptions and technical methodologies were discussed with El Segundo as part of the study approach.

VEHICLE MILES TRAVELED ANALYSIS

On September 27, 2013, Governor Jerry Brown signed Senate Bill (SB) 743 into law and started a process that fundamentally changed transportation impact analysis conducted as part of California Environmental Quality Act (CEQA) compliance. The Governor's Office of Planning and Research (OPR) was charged with developing new guidelines for evaluating transportation impacts under CEQA using methods that no longer focus on measuring automobile delay and level of service (LOS). This change at the state level recognizes the unintended consequences of using LOS as an impact metric, which results in understating potential transportation impacts in greenfield areas and discouraging more sustainable infill projects and alternative transportation projects. SB 743 directed agencies to create new guidelines that develop a transportation performance metric promoting: the reduction of greenhouse gas emissions, the development of multimodal networks, and a more sustainable diversity of land uses.

OPR issued proposed updates to the CEQA guidelines in support of these goals in November 2017 and a supporting technical advisory in December 2018.[2] The updates establish vehicle miles traveled (VMT) as the primary metric for evaluating a project's environmental impacts on the transportation system. The changes to CEQA guidelines Section 15064.3 to implement SB 743 were certified by the State in December of 2018. Draft environmental impact reports published after July 1, 2020, are required to implement these new requirements.

The State's updated CEQA guidance does not require VMT analysis for local-serving retail land uses on the grounds that they do not increase VMT, and defines local serving as less than 50,000 square feet. Since the proposed commercial components of the Project totals 11,252 square feet, this VMT analysis focuses on the proposed residential components of the project.

As the City of El Segundo has not yet adopted new transportation impact study guidelines including the VMT metric and significance criteria in compliance with SB 743 guidelines, VMT the impact thresholds used for this project are based on OPR guidelines.

INTERSECTION ANALYSIS

This study includes intersection-level operational analysis under both the existing and future year traffic conditions for informational purposes and assumes that the Project would be completed by year 2027. The following traffic scenarios have been developed and analyzed as part of this study:

[2] State of California, Governor's Office of Planning and Research, *Technical Advisory on Evaluating Transportation Impacts in CEQA*, December 2018.

- Existing Conditions – The existing conditions analysis includes a description of the transportation system serving the project site, existing traffic volumes, and an assessment of the operating conditions at the study analysis locations described below.

- Existing plus Project Conditions – This traffic scenario provides projected traffic volumes and an assessment of operating conditions under existing conditions with the addition of Project-generated traffic.

- Future Base (Year 2027) Conditions – Future traffic projections without the proposed Project were developed for the year 2027. The objective of this analysis was to project future traffic growth and operating conditions that could be expected to result from regional growth, related projects, and transportation network changes in the vicinity of the project site by the year 2027.

- Future (Year 2027) plus Project Conditions – This traffic scenario provides projected traffic volumes and an assessment of operating conditions under future conditions with the addition of Project-generated traffic.

STUDY LOCATIONS

Twelve signalized intersections and four unsignalized intersections were selected for analysis as a result of consultation with the City of El Segundo.

Signalized Study Intersections

The following 12 signalized intersections, illustrated in Figure 3, were identified to be analyzed as part of the scope of work for this study:

1. Pacific Coast Highway & Imperial Highway
2. Pacific Coast Highway & Walnut Avenue
3. Pacific Coast Highway & Maple Avenue
4. Pacific Coast Highway & Mariposa Avenue
5. Pacific Coast Highway & Grand Avenue
6. Pacific Coast Highway & El Segundo Boulevard
7. Nast Street & Imperial Highway
8. Lairport Street/Continental Boulevard & Mariposa Avenue
9. Nash Street & Mariposa Avenue
10. Kansas Street & Grand Avenue
11. Continental Boulevard & El Segundo Boulevard
12. Nash Street & El Segundo Boulevard

Lane configurations of the study intersections are illustrated in Appendix A.

Unsignalized Study Intersections

The following unsignalized study intersections are also shown in Figure 3:

A. Pacific Coast Highway & East Palm Avenue
B. Pacific Coast Highway & East Holly Avenue
C. Indiana Street & Mariposa Avenue
D. Indiana Street & Holly Avenue

Lane configurations of the study intersections are illustrated in Appendix A.

ORGANIZATION OF REPORT

This report is divided into eight chapters, including this introduction. Chapter 2 describes the existing conditions including an inventory of the streets, highways, and transit service in the study area. Chapter 3 describes the CEQA-required VMT impact analysis conducted for the Project. The non-CEQA-required intersection operational analysis is presented in Chapter 4, including the methodologies used to develop traffic forecasts. Chapter 5 provides an assessment of the proposed Project's access. Chapter 6 provides a comparison of the Proposed Project trip generation with trip generation estimates for the currently designated General Plan land uses on the project site. Chapter 7 presents the construction-period impact analysis. Chapter 8 provides the summary and conclusions. Supporting analysis documents can be found in the Appendices.



Study Intersections

- Signalized
- Unsignalized

- Project Site
- Existing Hotels

Figure 3

Study Intersections

2. EXISTING CONDITIONS

A comprehensive data collection effort was undertaken to develop a detailed description of existing conditions in the study area. The assessment of conditions relevant to this study includes a description of the study area, an inventory of the local street system in the vicinity of the project site, a summary of the current transit service, and bicycle and pedestrian facilities in the study area. A detailed description of these elements is presented in this chapter.

STUDY AREA

The study area selected for analysis extends to include Center Street to the west, Nash Street to the east, Imperial Highway/I-105 to the north, and El Segundo Boulevard to the south. The streets in the study area are under the jurisdiction of the City of El Segundo with the exception of PCH, which is under the jurisdiction of Caltrans.

EXISTING STREET SYSTEM

Interstate 105 lies ½ mile north of the site. This interstate provides regional access to and from the study area. I-105 connects to the San Diego Freeway (I-405) located over a one mile from the project site.

Major arterials serving the study area include Pacific Coast Highway in the north/south direction and El Segundo Boulevard and Imperial Highway in the east/west direction. The characteristics of the major roadways serving the study area are described below.

FREEWAYS

- **Interstate 105** runs in an east/west direction north of the project site and extends from Los Angeles International Airport to Norwalk. In the vicinity of the study area, I-105 provides three to four lanes in each direction. Interchanges are provided at Nash Street and Pacific Coast Highway in the study area. I-105 connects to I-405 approximately 1.5 miles from the project site.

- **Interstate 405** runs in a north/south direction east of the project site and extends from the San Fernando Valley to Irvine. In the vicinity of the of the study area, I-405 provides four travel lanes and a carpool lane in each direction (a total of 10 lanes). Interchanges are provided via the I-105 and at El Segundo Boulevard in the study area.

EAST/WEST STREETS

- **Imperial Highway** is classified as a secondary arterial in the study area and runs north of the project site. It provides three lanes in both directions with a raised median in the study area. Parking is not permitted along either side of the street in the study area.

- **Walnut Avenue** is classified as a local commercial street west of PCH and secondary arterial east of PCH in the study area. It runs north of the project site and provides one lane in both directions in the study area. Parking is permitted along either side of the street in the study area.

- **Maple Avenue** is classified as a local residential street west of PCH and 4-lane collector east of PCH in the study area. It runs north of the project site and provides one lane in both directions west of PCH and two lanes in both directions east of PCH in the study area. Parking is permitted along either side of the street in the study area.

- **Palm Avenue** is classified as a local residential street in the study area and runs north of the project site. It provides one lane in both directions in the study area. Parking is permitted along either side of the street in the study area.

- **Mariposa Avenue** is classified as a 2-lane collector west of PCH and a secondary arterial east of PCH in the study area and runs between the Pacific Coast Commons North and Fairfield Parking project sites. It provides one lane in both directions west of PCH and two lanes in both directions east of PCH in the study area. Parking is permitted along either side of the street in the study area.

- **Holly Avenue** is classified as a local residential street in the study area and runs south of the project site. It provides one lane in both directions in the study area. Parking is permitted along either side of the street in the study area.

- **Grand Avenue** is classified as a secondary arterial in the study area and runs south of the project site. It provides three lanes in both directions. Parking is not permitted along either side of the street in the study area.

- **El Segundo Boulevard** is classified as a secondary arterial west of PCH and major arterial east of PCH in the study area. It runs south of the project site and provides two lanes in both directions west of PCH and three lanes in both directions with a raised median east of PCH in the study area. Parking is not permitted along either side of the street in the study area.

NORTH/SOUTH STREETS

- **Kansas Street** is classified as a local residential street in the study area that runs west of the project site and provides one lane in both directions. Parking is permitted along either side of the street in the study area.

- **Indiana Street** is classified as a local residential street that fronts the western side of the project site. It provides one lane in each direction with parking permitted on both sides of the street in the study area.

- **Pacific Coast Highway,** also known as State Route 1, is a major north/south state highway that runs along most of the Pacific coastline of California. It fronts the eastern side of the project site and provides four lanes in both directions with a center median within the study area. Parking is not permitted along either side of the road in the study area. Previously in the City of El Segundo, this major arterial was referred to as **Sepulveda Boulevard**.



- **Lairport Street** is classified as a secondary arterial in the study area and runs east of the project site. It provides one lane in both directions. Parking is permitted along either side of the street in the study area. Lairport Street becomes Continental Boulevard south of Mariposa Avenue.

- **Continental Boulevard** is classified as a secondary arterial in the study area and runs east of the project site. It provides three lanes in both directions. Parking is not permitted along either side of the street in the study area. Continental Boulevard becomes Lairport Street north of Mariposa Avenue.

- **Nash Street** is classified as a secondary arterial in the study area and runs east of the project site. It provides two lanes in both directions. Parking is not permitted along either side of the street in the study area.

EXISTING PUBLIC TRANSIT SERVICE

The project site is served by public transit. Figure 4 shows the various bus routes and Metro Green Line that provide service in the study area. The Project is located west of the Metro Green Line Mariposa Station. The following bus routes are within the study area: two local Metro (Route 232 and 625), one local Beach Cities Transit (109), and two LADOT Commuter Express (Route 438, 574) routes.

Details on the transit lines in the vicinity of the project site include:

- Metro Green Line – The Green Line is a light rail line running between Redondo Beach and Norwalk in Los Angeles County. This line runs north/south east of the project site along Nash Street. The Green Line has average headways of 10 minutes during the weekday AM and PM peak periods. The Green Line Mariposa Station is just over ½ mile from the project site.

- Metro Line 232 – Line 232 provides local service between the City of El Segundo and downtown Long Beach. It runs along PCH east of the project site in the study area. Line 232 has average headways of 20 minutes during the weekday AM peak period and 30 minutes during the weekday PM peak period.

- Metro Line 625 – Line 625 provides local service between the City of El Segundo and Los Angeles International Airport. It runs along Imperial Highway, north of the project site in the study area. Line 625 has average headways of 25 minutes during the weekday AM peak period and 30 minutes during the weekday PM peak period.

- Beach Cities Line 109 – Line 109 provides local service between the City of Redondo Beach and Los Angeles International Airport. This line runs along east of the project site along PCH. Headways average 30 to 45 minutes during peak periods.

- LADOT Commuter Express 438 – Line 438 provides express service from El Segundo to Downtown Los Angeles along Imperial Highway, north of the project site. Line 438 has headways of 15 to 30 minutes during weekday AM and PM peak periods.

- LADOT Commuter Express 574 – Line 574 provides express service from Encino to the City of Hawthorne along PCH and El Segundo Boulevard, east and south of the project site, respectively. Line 574 has headways of 30 to 60 minutes during weekday AM and PM peak periods.

EXISTING BICYCLE AND PEDESTRIAN FACILITIES

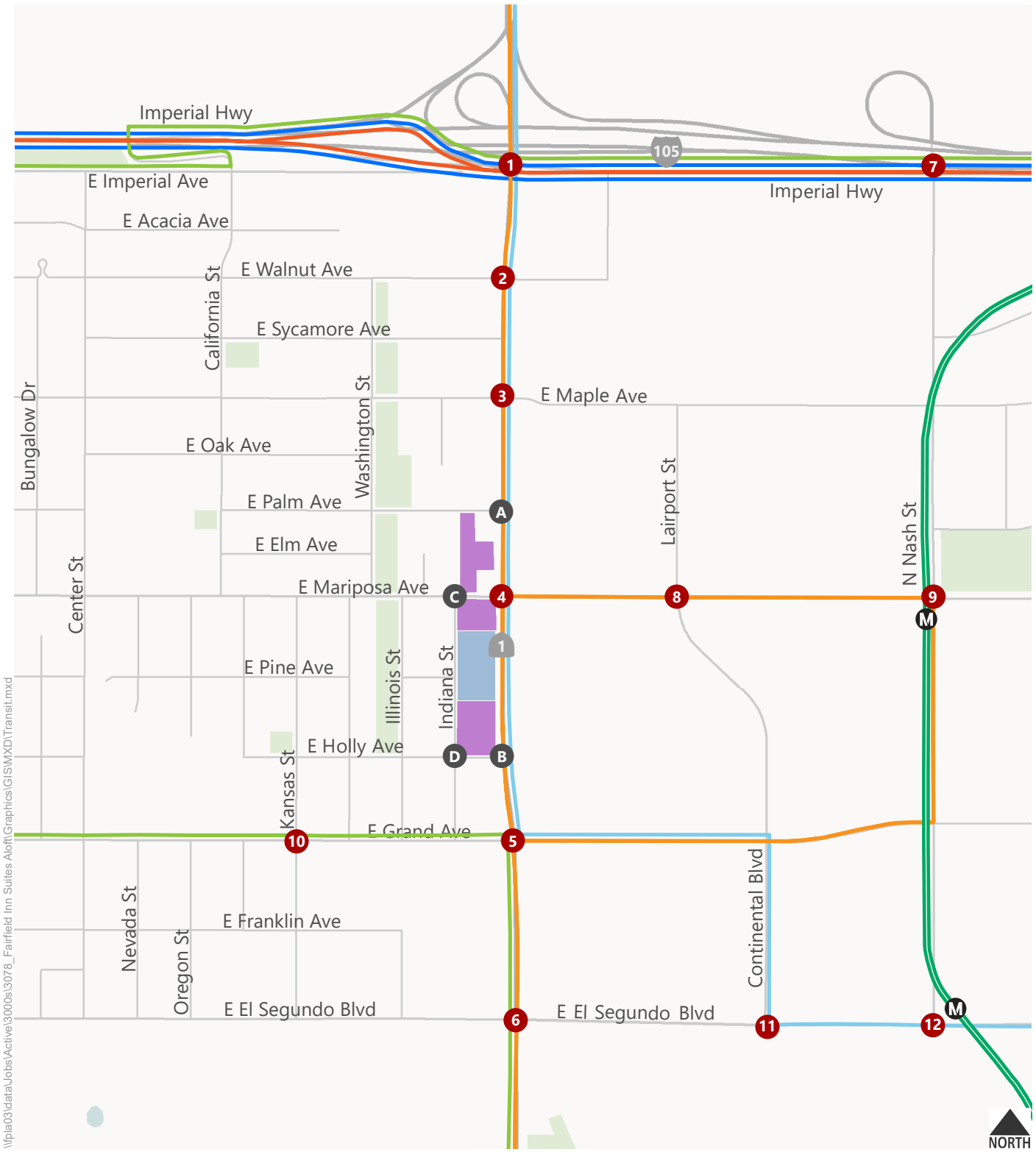
Sidewalks are generally present throughout the study area, and marked crosswalks are provided at all major arterial intersections. Pedestrian access to the Project is provided along all of the roadways surrounding the Project.

There are no identified Safe Routes to School along streets fronting the Project site. The service area for Center Street Elementary School and El Segundo Middle School is located west of PCH. No students would be walking past the project site (from east of PCH) between home and school.

Existing bicycle facilities in the study area include a Class II bike lane along Imperial Highway on both sides of the street. Figure 5 identifies the existing and planned bicycle facilities in the Project's study area. The South Bay Bicycle Master Plan indicates that additional Class II and III facilities are planned in the study area.

EXISTING TRAFFIC VOLUMES

New weekday AM (7:00 to 10:00 AM) and PM (4:00 to 7:00 PM) peak hour turning movement counts were collected at the study intersections in May and October 2019. Bicycle and pedestrian counts were also collected at select locations near the project site. The existing weekday morning and afternoon peak hour traffic volumes at the study intersections are provided in Appendix A. Count sheets for these intersections are contained in Appendix B.



Project Site

Existing Hotels

Study Intersections

Signalized

Unsignalized

Metro

Metro Green Line

Metro Rail Station

Line 232

Line 625

Beach Cities Transit

Line 109

LADOT Commuter Express

Line 438

Line 574

Figure 4

Transit Routes



Existing

- Project Site
- Existing Hotels
- Class II Bike Lane

Proposed

- Class I Bike Path
- Class II Bike Lane
- Class III Bike Route
- Class IV Protected Bike Lane

Figure 5

Existing and Proposed Bicycle Facilities

3. VEHICLE MILES TRAVELED ANALYSIS

This chapter presents the VMT impact analysis conducted for the Project in accordance with the State's updated CEQA guidance. The State's guidance does not require VMT analysis for local-serving retail land uses on the grounds that they do not increase VMT, and defines local serving as less than 50,000 square feet. Since the proposed commercial components of the Project totals 11,252 square feet, this VMT analysis focuses on the proposed residential components of the project.

SIGNIFICANT IMPACT RECOMMENDED THRESHOLD

As the City of El Segundo has not yet adopted new transportation impact study guidelines including the VMT metric and significance in compliance with SB 743 guidelines, the impact thresholds below are based on OPR guidelines and are used only for the purposes of this study.

The OPR VMT guidelines establish that a significant project impact may occur when a certain threshold is exceeded. For residential projects, OPR recommends that a proposed project exceeding a level of 15% below existing daily household VMT per capita may indicate a significant transportation impact. Existing VMT per capita may be measured as regional VMT per capita or as city VMT per capita. The SCAG regional daily household VMT per capita is higher than the City of El Segundo's daily household VMT per capita. Therefore, to be conservative, existing daily household VMT per capita is measured against the city daily household VMT per capita for this study.

PROJECT VMT PER CAPITA

The daily household VMT per capita for the Project was determined by using the Southern California Association of Government's (SCAG) 2016 Regional Transportation Plan (RTP) travel demand model. [3] The SCAG travel demand model identifies trip purposes as Home-Based Work (HBW) and Home-Based Other (HBO), where trips have been produced by residential land uses and trips have been attracted by non-residential land uses. The other trip type, Non Home-Based (NHB), is produced and attracted by non-residential land uses. The average trip length and vehicle trips for all HBW and HBO productions are used to calculate the daily household VMT per capita for residential uses.

[3] The SCAG 2016 Regional Transportation Plan (RTP) was the most current RTP available from SCAG at the time of issuance of Notice of Preparation (NOP) and modeling prepared for the transportation analysis presented in this traffic study.

Residential is already an existing land use in the transportation analysis zone (TAZ) located in the City of El Segundo in which the Project is located and the model therefore includes residential trips and average trip lengths. It is assumed that the Project's residential trips will have the same characteristics as the existing residential trips in the zone. The VMT per capita assumed for the project site was therefore based on the vehicle trips and average trip lengths for the TAZ in which the Project is located from the SCAG model, which indicates a daily household VMT per capita of 10.9 for all home-based production trips within the TAZ.[4]

Table 10 below summarizes the VMT analysis.

VMT PER CAPITA IMPACT ANALYSIS

As shown in Table 1, per the SCAG model, the existing city daily household VMT per capita for residential land uses is 14.2 per resident. The threshold of 15% below the city average is 12.1 daily household VMT per capita. The project is estimated to generate 10.9 daily household VMT per capita, which is lower than 15 percent below the threshold. This indicates a less-than-significant transportation impact according to the threshold.

[4] Source: SCAG regional travel demand model as run by Fehr & Peers, July 2019.

TABLE 1
PACIFIC COAST COMMONS PROJECT
VEHICLE MILES TRAVELED (VMT) ANALYSIS

RESIDENTIAL PROJECT VMT IMPACT ANALYSIS	
Regional Household VMT per Capita [a]	15.3
City of El Segundo Household VMT per Capita [a]	14.2
Threshold (15% less than City VMT) [b]	12.1
Project TAZ 21125100 Household VMT per Capita [a]	10.9
Significant Impact	**NO**

Notes:

[a] The Southern California Association of Governments (SCAG) Travel Demand Forecasting Model provides the ability to evaluate the transportation system in the SCAG region. The model forecasts AM and PM peak period and daily vehicle and transit flows on the transportation network in the region and calculates trip origins and destinations for those vehicle flows. Household VMT per capita is based on the home-based work and home-based other productions trips from the SCAG model as run by Fehr & Peers, July 2019.

[b] As the City of El Segundo has not yet adopted new traffic impact study guidelines including the VMT metric and significance in compliance with SB 743 guidelines, the impact thresholds are based on OPR guidelines.

4. INTERSECTION LEVEL OF SERVICE ANALYSIS

This chapter presents the intersection operational analysis conducted as part of the transportation study. Since, as discussed in Chapter 1, intersection level of service is no longer a CEQA impact metric, this analysis is presented for informational purposes.

EXISTING TRAFFIC VOLUMES AND LEVEL OF SERVICE

This section presents existing base peak hour traffic volumes, describes the methodology used to assess the traffic conditions at each intersection, and analyzes the resulting operating conditions at each, indicating volume-to-capacity (V/C) ratios and levels of service.

LEVEL OF SERVICE METHODOLOGY

Analysis Methodology

LOS is a qualitative measure used to describe the condition of traffic flow on the street system, ranging from excellent conditions at LOS A to overloaded conditions at LOS F. A variety of methodologies are available to analyze LOS. Consistent with the requirements of the City of El Segundo, signalized intersections were analyzed using the Intersection Capacity Utilization (ICU) methodology. The ICU methodology is used to determine the intersection volume-to-capacity (V/C) ratio and corresponding LOS for the turning movements and intersection characteristics at the signalized intersections. "Capacity" represents the maximum volume of vehicles in the critical lanes that have a reasonable expectation of passing through an intersection in one hour under prevailing roadway and traffic conditions. The ICU ratios used in this study were calculated by dividing critical traffic movement volumes at an intersection by the capacity per number of lanes for the movement. AM and PM peak hour ICU ratios and LOS were calculated using Fehr & Peers' ICU spreadsheet tool. Lane capacity assumptions do not exceed 1,600 vehicles per lane per hour.

Twelve of the 16 intersections in the study area are signalized intersections. For these signalized intersections, the V/C ratio used to find the corresponding LOS is based on the definitions in Table 2A.

For the four unsignalized intersections, the *Highway Capacity Manual* (HCM) (Transportation Research Board, 2016) methodology was used to analyze the delay. Under HCM methodology, delay is calculated in seconds for the stop-controlled movements and given a LOS grade, as shown in Table 1B. The unsignalized intersections were analyzed using the HCM 6th Edition Two-way Stop Control methodology. The Synchro software package was used to produce the HCM results.

TABLE 2A
LEVEL OF SERVICE DEFINITIONS FOR SIGNALIZED INTERSECTIONS

Level of Service	Volume/Capacity Ratio	Definition
A	0.000 - 0.600	EXCELLENT. No vehicle waits longer than one red light and no approach phase is fully used.
B	>0.600 - 0.700	VERY GOOD. An occasional approach phase is fully utilized; many drivers begin to feel somewhat what restricted within groups of vehicles.
C	>0.700 - 0.800	GOOD. Occasionally drivers may have to wait through more than one red light; backups may develop behind turning vehicles.
D	>0.800 - 0.900	FAIR. Delays may be substantial during portions of the rush hours, but enough lower volume periods occur to permit clearing of developing lines, preventing excessive backups.
E	>0.900 - 1.000	POOR. Represents the most vehicles intersection approaches can accommodate; may be long lines of waiting vehicles through several signal cycles.
F	> 1.000	FAILURE. Backups from nearby locations or on cross streets may restrict or prevent movement of vehicles out of the intersection approaches. Tremendous delays with continuously increasing queue lengths

TABLE 2B
LEVEL OF SERVICE DEFINITIONS FOR UNSIGNALIZED INTERSECTIONS

Level of Service	Average Control Delay (seconds/vehicle)
A	$\leq$ 10.0
B	> 10.0 and $\leq$ 15.0
C	> 15.0 and $\leq$ 25.0
D	> 25.0 and $\leq$ 35.0
E	> 35.0 and $\leq$ 50.0
F	> 50.0

EXISTING LEVELS OF SERVICE

Existing year traffic volumes presented in Appendix A were analyzed using the ICU and HCM methodology described above to determine the existing operating conditions at the study intersections. Tables 3A and 3B summarize the results of the analysis of the existing weekday morning and afternoon peak hour V/C ratio or delay and corresponding LOS at each of the analyzed signalized and unsignalized intersections, respectively. As indicated below, four of the 16 study intersections analyzed operate at LOS E or worse during the AM or the PM peak period. These intersections include:

1. Pacific Coast Highway & Imperial Highway (LOS E during PM)
6. Pacific Coast Highway & El Segundo Boulevard (LOS F during PM)

A. Pacific Coast Highway & Palm Avenue (LOS F during both AM and PM for the stop-controlled movements only)
B. Pacific Coast Highway & Holly Avenue (LOS F during both AM and PM for the stop-controlled movements only)

The rest of the study intersections currently operate at LOS D or better during both peak periods. Analysis sheets are provided in Appendix C.

TABLE 3A
PACIFIC COAST COMMONS PROJECT
EXISTING INTERSECTION LEVELS OF SERVICE
SIGNALIZED INTERSECTIONS

NO.	INTERSECTION	PEAK HOUR	EXISTING	
			V/C	LOS
1	Pacific Coast Hwy &	AM	0.753	C
	Imperial Hwy	PM	0.924	E
2	Pacific Coast Hwy &	AM	0.657	B
	Walnut Ave	PM	0.635	B
3	Pacific Coast Hwy &	AM	0.617	B
	Maple Ave	PM	0.691	B
4	Pacific Coast Hwy &	AM	0.718	C
	Mariposa Ave	PM	0.784	C
5	Pacific Coast Hwy &	AM	0.746	C
	Grand Ave	PM	0.867	D
6	Pacific Coast Hwy &	AM	0.771	C
	El Segundo Blvd	PM	1.007	F
7	Nash St &	AM	0.657	B
	Imperial Hwy	PM	0.492	A
8	Lairport St &	AM	0.461	A
	Mariposa Ave	PM	0.408	A
9	Nash St &	AM	0.457	A
	Mariposa Ave	PM	0.586	A
10	Kansas St &	AM	0.311	A
	Grand Ave	PM	0.344	A
11	Continental Blvd &	AM	0.477	A
	El Segundo Blvd	PM	0.511	A
12	Nash St &	AM	0.569	A
	El Segundo Blvd	PM	0.626	B

TABLE 3B
PACIFIC COAST COMMONS PROJECT
EXISTING INTERSECTION LEVELS OF SERVICE
UNSIGNALIZED INTERSECTIONS

NO.	INTERSECTION	PEAK HOUR	EXISTING	
			Delay	LOS
A	Pacific Coast Hwy &	AM	72.8	F
	Palm Ave	PM	59.8	F
B	Pacific Coast Hwy &	AM	134.5	F
	Holly Ave	PM	267.7	F
C	Indiana St &	AM	11.2	B
	Mariposa Ave	PM	12.8	B
D	Indiana St &	AM	7.5	A
	Holly Ave	PM	7.7	A

PROJECT TRAFFIC

The development of trip generation estimates for the proposed Project involves the use of a 3-step process: trip generation, trip distribution, and traffic assignment.

PROJECT TRIP GENERATION

As discussed in Chapter 1, the Project consists of the development of three different sites:

- Pacific Coast Commons North Site
  - 143 residential units (137 apartments & 6 townhomes)
  - 2,223 square feet of shopping center/retail
- Fairfield Parking Site
  - 3,273 square feet of shopping center/retail
  - Replacement parking for the Fairfield Hotel
- Pacific Coast Commons South Site
  - 120 residential units
  - 2,056 square feet of shopping center/retail
  - 3,700 square feet of fast casual restaurant

Trip generation rates from *Trip Generation, 10th Edition* (Institute of Transportation Engineers [ITE], 2017) were used to estimate the number of trips associated with the Project and are presented in Table 4. The total number of trips generated by the new development were adjusted to account for walk/bike/transit credit.

A 5% walk/bike/transit credit was applied to all proposed land uses. This credit accounts for trips made to and from the project site using modes other than automobiles. These include trips on rail and bus transit, bicycle, walking, etc. The site is located within walking distance of the Mariposa Green Line station and in close proximity to other regional transit lines, and a wide diversity of land uses within reasonable walking distance.

As shown in Table 4, the Project is projected to generate an estimated net increase of 2,517 daily trips, including 132 trips (47 inbound/85 outbound) during the AM peak hour and 178 trips (103 inbound/75 outbound) during the PM peak hour.

In order to provide flexibility in the buildout of the commercial spaces for the Project, analysis was tested with the fast casual restaurant square footage (3,700 square feet) allocated across all three buildings. That is, a full fast casual buildout was tested for both the Pacific Coast Commons North and Fairfield Parking sites, with extra fast casual square footage spilling over into the Pacific Coast Commons South site. Traffic analysis indicates that the fast casual land use could be included in any portion of the project site as long as it does not exceed 3,700 square feet. The rest of the commercial square footage would remain as retail. The LOS analysis summarized below assumed the fast casual restaurant is fully contained in the Pacific Coast Commons South site.

TABLE 4
PACIFIC COAST COMMONS PROJECT
PROJECT TRIP GENERATION ESTIMATES

Land Use	ITE Land Use Code	Size	Trip Generation Rates [a]							Estimated Trip Generation						
			Daily	AM Peak Hour			PM Peak Hour			Daily	AM Peak Hour Trips			PM Peak Hour Trips		
				Rate	In%	Out%	Rate	In%	Out%		In	Out	Total	In	Out	Total
PROPOSED PROJECT																
Pacific Coast Commons North																
Residential Units [b]	221	143 DU	Equation	Equation	24%	76%	Equation	61%	39%	778	12	37	49	38	24	62
Less: Transit/Walk/Bike			*5%*	*5%*			*5%*			*(39)*	*(1)*	*(2)*	*(3)*	*(2)*	*(1)*	*(3)*
Total Driveway Trips										739	11	35	46	36	23	59
Retail	820	2.223 ksf	37.75	0.94	62%	38%	3.81	48%	52%	84	1	1	2	4	4	8
Less: Transit/Walk/Bike			*5%*	*5%*			*5%*			*(4)*	*0*	*0*	*0*	*0*	*0*	*0*
Total Driveway Trips										80	1	1	2	4	4	8
Fairfield Parking																
Retail	820	3.273 ksf	37.75	0.94	62%	38%	3.81	48%	52%	124	2	1	3	6	6	12
Less: Transit/Walk/Bike			*5%*	*5%*			*5%*			*(6)*	*0*	*0*	*0*	*0*	*0*	*0*
Total Driveway Trips										118	2	1	3	6	6	12
Pacific Coast Commons South																
Residential Units [b]	221	120 DU	Equation	Equation	24%	76%	Equation	61%	39%	652	10	31	41	32	21	53
Less: Transit/Walk/Bike			*5%*	*5%*			*5%*			*(33)*	*(1)*	*(2)*	*(3)*	*(2)*	*(1)*	*(3)*
Total Driveway Trips										619	9	29	38	30	20	50
Retail	820	2.056 ksf	37.75	0.94	62%	38%	3.81	48%	52%	78	1	1	2	4	4	8
Less: Transit/Walk/Bike			*5%*	*5%*			*5%*			*(4)*	*0*	*0*	*0*	*0*	*0*	*0*
Total Driveway Trips										74	1	1	2	4	4	8
Fast Casual Restaurant [c]	930	3.700 ksf	315.17	14.13	55%	45%	14.13	55%	45%	1,166	29	23	52	29	23	52
Less: Transit/Walk/Bike			*5%*	*5%*			*5%*			*(58)*	*(1)*	*(1)*	*(2)*	*(1)*	*(1)*	*(2)*
Total Driveway Trips										1,108	28	22	50	28	22	50
Less: Pass-by [d]			*20%*	*20%*			*20%*			*(221)*	*(5)*	*(4)*	*(9)*	*(5)*	*(4)*	*(9)*
Net External Vehicle Trips										887	23	18	41	23	18	41
TOTAL PROJECT EXTERNAL VEHICLE TRIPS										2,517	47	85	132	103	75	178

Notes:

[a] Source: Institute of Transportation Engineers (ITE), *Trip Generation, 10th Edition,* 2017, unless otherwise noted.

[b] ITE code 221 Multifamily Housing (Mid-Rise) was used with the General Urban/Suburban setting rate.

Daily Equation: T = 5.45(X) - 1.75

AM Equation: Ln(T) = 0.98 Ln(X) - 0.98

PM Equation: Ln(T) = 0.96 Ln(X) - 0.63

[c] ITE code 930 Fast Casual Restaurant was used with the General Urban/Suburban setting rate. Due to lack of sufficient data, PM rates were used for AM time period.

[d] The pass-by credit is based on data available in the ITE, *Trip Generation Handbook, 3rd Edition* , 2014.

PROJECT TRAFFIC DISTRIBUTION

The geographic distribution of trips generated by the proposed Project is dependent on characteristics of the street system serving the project site; the level of accessibility of routes to and from the proposed Project site and locations of employment areas from which residents would be drawn. Similar projects in the study area were used to help inform the general distribution pattern for this study. The distribution of project trips is illustrated in Figure 6.

Consideration was given to project traffic distribution from the three proposed development sites. The project access points are proposed as unsignalized and some of the driveways are limited to right-in/right-out movements.

PROJECT TRAFFIC ASSIGNMENT

The traffic to be generated by the proposed Project was assigned to the street network using the distribution patterns described in Figure 6. Appendix A provides the assignment of the proposed Project-generated peak hour traffic volumes at the analyzed intersections during the AM and PM peak hours. The assignment of traffic volumes took into consideration the locations of the proposed Project driveways on PCH and Indiana Street as well as the relocation of the Fairfield Hotel parking.

PROJECT DRIVEWAYS

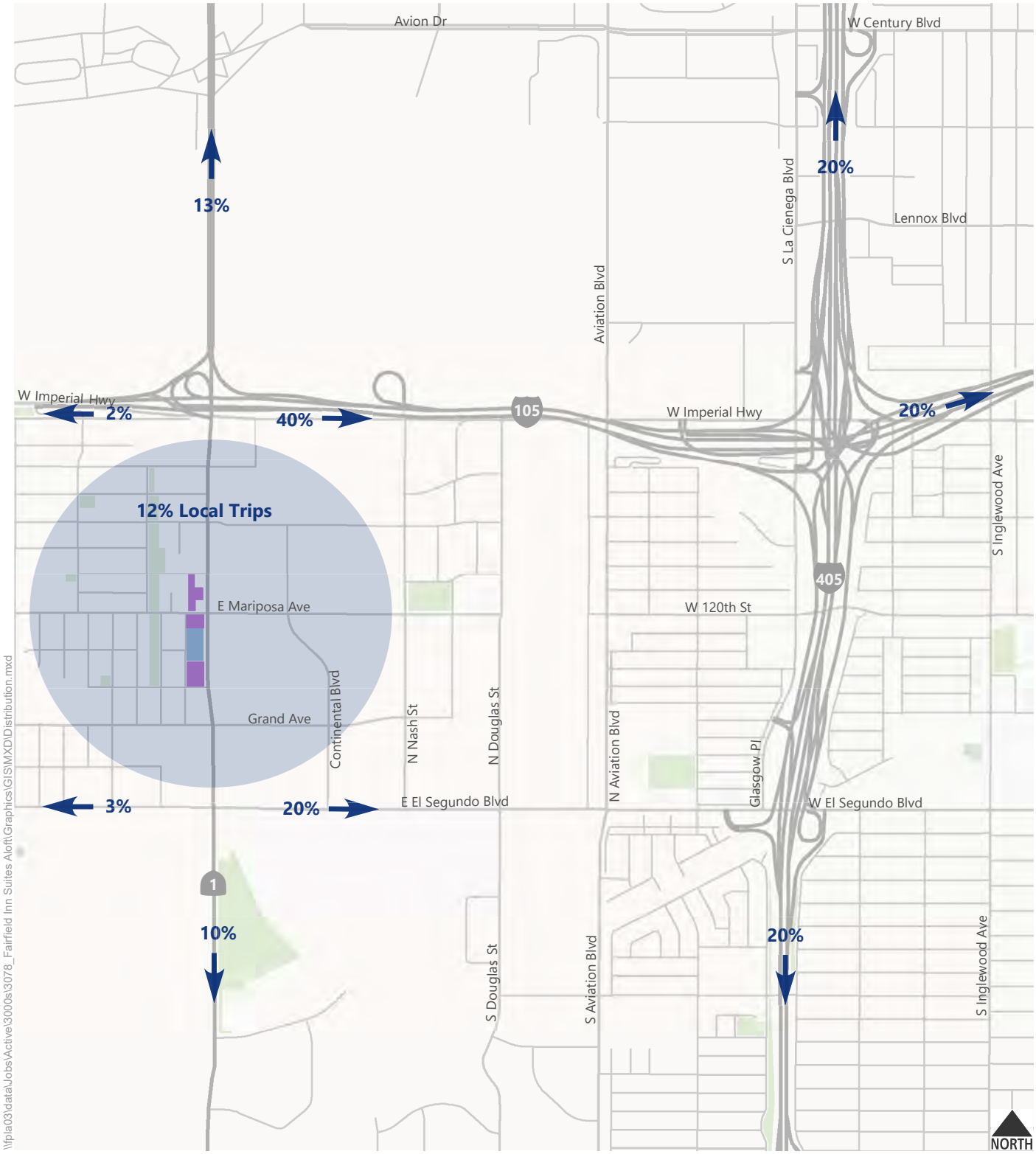
As discussed, vehicle access for the Project is to be provided via PCH, Indiana Street, Mariposa Avenue, and Palm Avenue. The driveway configurations for the individual sites are as follows and illustrated in Figure 2:

- Pacific Coast Commons North Site
    - Access for residential and commercial (full access in/out) provided via Mariposa Avenue and Palm Avenue into a private driveway

- Fairfield Parking Site
    - Access for hotel and commercial (right in only) provided via PCH
    - Access for hotel and commercial (full access out only) provided via Indiana Street

- Pacific Coast Commons South Site
    - Hotel/Commercial access (right in/right out) provided via PCH
    - Residential access (full access in/out) provided primarily via Indiana Street, with access via PCH (right in/right out)

The new Fairfield Hotel parking structure will not have direct (outbound) access onto Indiana Street. The structure will have direct inbound and outbound access from the existing internal drive aisle of the hotel, between Indiana Street and PCH. The existing driveway on Indiana Street will continue to provide outbound-only access for hotel and commercial uses. There is also an existing driveway between the Fairfield and Aloft hotels, at Pine Avenue. This driveway will continue to be a service-only driveway (for trash collection trucks and emergency vehicles) and will not provide site access for patrons and employees of the project.



Project Site

Existing Hotels

Figure 6

Project Trip Distribution

PROJECT RELATED INFRASTRUCTURE IMPROVEMENTS

As part of the Project and a community benefit, the eastbound leg of Mariposa Avenue at Pacific Coast Highway will be reconfigured from one left lane and one through-right lane to one left, one through, and one right-turn lane. The proposed right-turn lane is recommended to be approximately 50 feet in length from stop bar or crosswalk with a 60-foot taper to accommodate peak hour 95th percentile queues. This infrastructure improvement has been taken into account for the plus project scenarios of the impact analysis.

The plus project scenarios of the impact analysis have also been analyzed without the project improvement to show its potential benefit when compared to the baseline conditions. A queuing analysis was conducted for the eastbound approach with and without project improvement to show the estimated improvement in queue length. The results of this analysis are shown in Appendix E.

EXISTING PLUS PROJECT TRAFFIC CONDITIONS

The project traffic estimated and assigned to the study intersections was added to the existing traffic volumes to estimate Existing plus Project traffic volumes. Turning movement traffic volumes for the Existing plus Project scenario are provided in Appendix A. Analysis sheets are provided in Appendix C.

FUTURE YEAR 2027 TRAFFIC CONDITIONS

To evaluate the potential effects of the proposed Project on future (Year 2027, Project Opening Year) conditions, it was necessary to develop estimates of future traffic conditions in the area both without and with project traffic. First, estimates of traffic growth were developed for the study area to forecast future conditions without the Project. These forecasts included traffic increases as a result of both regional ambient traffic growth and traffic generated by specific developments in the vicinity of the Project (related projects).

These projected traffic volumes, identified herein as the Future Base conditions, represent the future conditions without the proposed Project. The traffic generated by the proposed Project was then estimated and assigned to the surrounding street system. Project traffic was added to the Future Base conditions to form Future (year 2027) plus Project traffic conditions.

The assumptions and analysis methodology used to develop each of the future year scenarios discussed above are described in more detail in the following sections.

BACKGROUND OR AMBIENT GROWTH

Based on the Los Angeles County 2010 Congestion Management Plan (CMP), an ambient growth factor of 0.2% per year was applied to adjust the existing base year traffic volumes to reflect the effects of regional growth and development by year 2027. This adjustment was applied to the existing (year 2019) traffic volume data to reflect the effect of ambient growth by the year 2027. In addition, substantial growth in traffic at LAX due to the Landside Access Modernization Program were included in projecting future background growth. Forecasts of projected growth in LAX-related trips were taken from the *LAX Landside Access Modernization Program Draft* EIR, September 2016.

RELATED PROJECT TRAFFIC GENERATION AND ASSIGNMENT

Future Base traffic forecasts include the effects of known specific projects, called related projects, expected to be implemented in the vicinity of the proposed Project prior to the buildout date of the proposed Project. The list of related projects was prepared based on data from the Cities of El Segundo, Manhattan Beach, and Hawthorne. Related projects traffic volumes are presented in Appendix A.

A total of 30 cumulative projects were identified in the study area; these projects are listed in Table 5 and illustrated in Figure 7.

Trip Generation

Trip generation estimates for the related projects were calculated using a combination of previous study findings, publicly available environmental documentation, and trip generation rates contained in *Trip Generation, 10th Edition*. Table 5 presents the resulting trip generation estimates for these related projects. These projections are conservative in that they do not in every case account for either the existing uses to be removed or the possible use of non-motorized travel modes (transit, walking, etc.).

Trip Distribution

The geographic distribution of the traffic generated by the related projects is dependent on several factors. These factors include the type and density of the proposed land uses, the geographic distribution of population from which employees and potential patrons of proposed commercial developments may be drawn, the locations of employment and commercial centers to which residents of residential projects may be drawn, and the location of the projects in relation to the surrounding street system. Additionally, if the traffic study or environmental document for a related project was available, the trip distribution from that study was used.

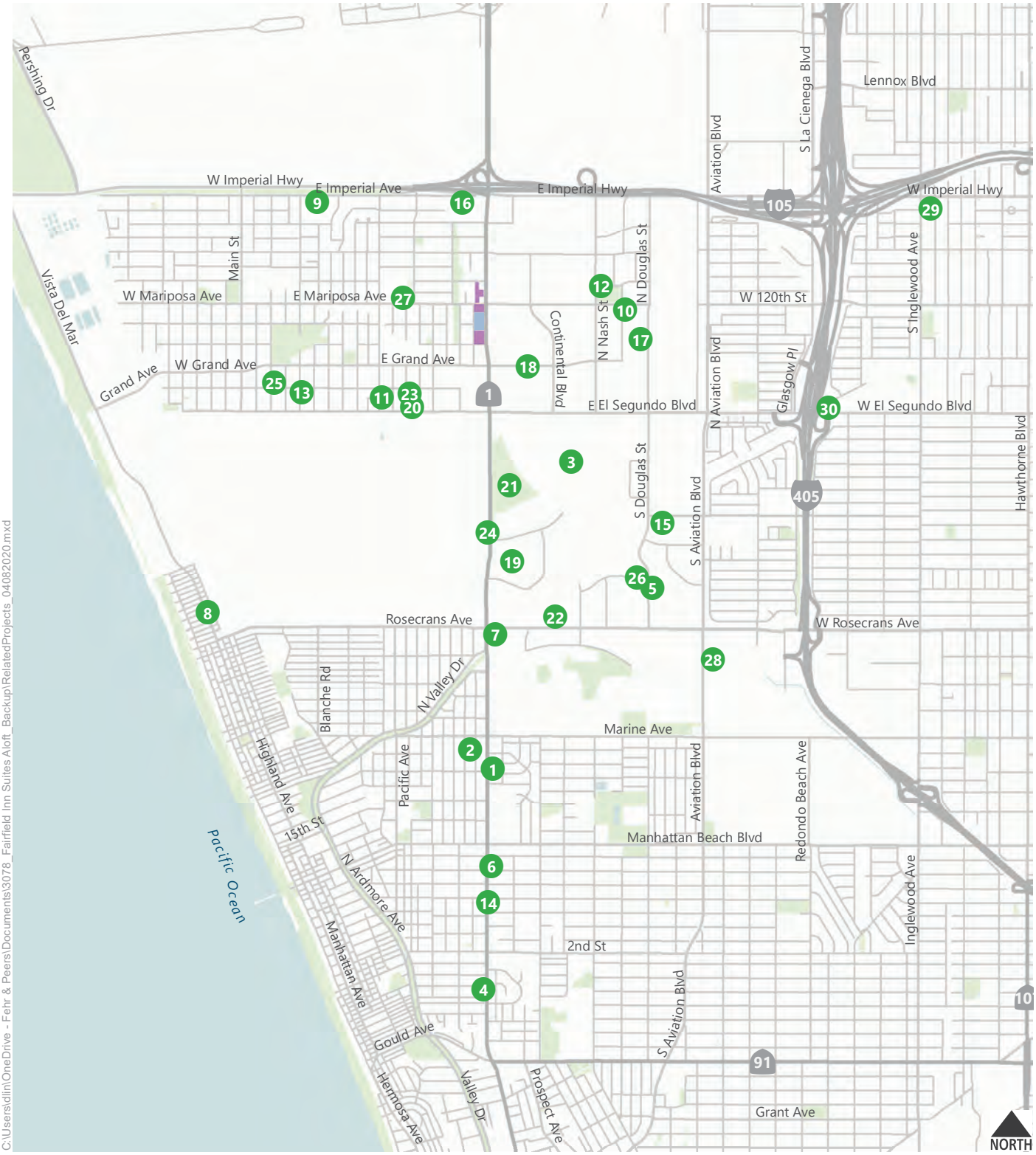
Traffic Assignment

Using the estimated trip generation and trip distribution patterns described above, traffic generated by the related projects was assigned to the street network.

TABLE 5
PACIFIC COAST COMMONS PROJECT
RELATED PROJECTS
TRIP GENERATION ESTIMATES

No.	Project Location	Land Use [a]	Size		Trip Generation						
					Daily	AM			PM		
						IN	OUT	TOTAL	IN	OUT	TOTAL
1	2101 Pacific Coast Highway [a]	Office	10.12	ksf	112	14	2	16	3	12	15
2	2205 N. Sepulveda Boulevard [a]	General Office	4.70	ksf	32	5	1	6	1	4	5
		Existing Hair Salon	1.04	ksf							
3	2100 E El Segundo Blvd [a]	Office	1751.92	ksf	3,775	56	33	89	108	117	225
		Warehouse	73.58	ksf							
		Industrial	168.00	ksf							
		Retail	148.96	ksf							
4	305 S. Sepulveda Boulevard, 330 S. Sepulveda Boulevard, Hermosa Beach Sites [a]	Design Center	100.30	ksf	1,594	250	22	272	46	242	287
		Executive Offices	19.21	ksf							
		General Office	57.50	ksf							
		Existing Office	8.42	ksf							
5	750 South Douglas Street [a]	Industrial	4.99	ksf	34	4	1	5	1	4	5
6	1000 N Sepulveda Boulevard [a]	Supermarket	27.50	ksf	2,066	107	78	185	29	76	105
		Restaurant	52.00	Seats							
		Bank	7.00	ksf							
		Existing Automobile Care Center	32.72	ksf							
7	3200-3600 N. Sepulveda Boulevard [a]	Shopping Center	110.00	ksf	715	29	19	48	97	79	176
8	3920 Highland Ave [a]	Condominium	2	DU	25	1	1	2	1	1	2
		Studio	3.00	ksf							
9	540 E Imperial Avenue [b]	Residential	58	units	386	6	24	30	23	13	36
10	400 Duley Road [b][c]	Medical Office	63.54	ksf	2,296	120	32	152	64	163	227
11	123 Nevada Street [b]	Office	15.00	ksf	165	21	2	23	4	18	22
12	2125 Campus Drive [b]	Office	153.53	ksf	1,693	211	28	239	39	190	229
13	140 Sheldon Street [b]	Office/Warehouse	7.12	ksf	66	8	0	11	2	7	9
		Existing use industrial	1.76	ksf							
14	740 Pacific Coast Highway [b]	Drive through Restaurant	5.00	ksf	2,380	76	45	121	-31	-35	-66
		Existing use bank	8.10	ksf							
15	500 South Douglas & 2330 Utah Avenue [b]	General Office	78.00	ksf	860	107	15	122	20	96	116
16	1700 East Imperial Avenue [b]	Office	86.52	ksf	954	119	16	135	22	107	129
17	445 N. Douglas Street [b][c]	Office	155.66	ksf	1,717	214	29	243	39	193	232
18	455 Continental Blvd & 1995 E Grand Avenue [b]	Office	300.00	ksf	4,555	670	76	746	92	604	696
19	700-860 Pacific Coast Highway & 2001-2015 E.Park Place. & 700-740 Allied Way [b]	Shopping Center	18.85	ksf	805	11	7	18	34	36	70
20	1301 El Segundo Blvd [b]	Office	6.27	ksf	110	14	2	16	3	13	16
		Warehouse	5.88	ksf							
21	400 Pacific Coast Highway [b]	Driving Range	65.00	ksf	1,365	24	16	40	56	69	125
		Existing Golf Course	2.50	ksf							
22	2021 E Rosecrans Ave [b]	Office	240.00	ksf	2,833	291	42	333	56	253	309
		Studio and Production	66.00	ksf							
		Retail	7.00	ksf							
23	140 Oregon St [b]	Office	70.00	ksf	682	70	11	81	13	68	81
24	401-615 Pacific Coast Highway [b]	Residential	263	DU	1,586	26	66	92	78	59	137
		Retail	11.00	ksf							
25	212 Eucalyptus Dr [b]	Office	13.49	ksf	193	16	5	21	6	15	21
		Restaurant	0.63	ksf							
		Existing Warehouse	5.35	ksf							
26	2221 Park Pl [b]	Office	27.48	ksf	268	27	4	32	5	27	32
27	1225 Mariposa Ave [b]	Condominium	15	DU	63	1	3	3	2	1	3
		Existing Residential	5	DU							
28	14500 Aviation Blvd [d]	Credit Union	3.60	ksf	405	11	5	16	13	19	32
29	11416 Inglewood Ave [d]	Condominium	13	DU	95	1	5	6	5	3	7
30	5151 El Segundo Blvd [d]	Hotel	129	rooms	1,078	36	25	61	39	38	77
				TOTAL	**32,908**	**2,547**	**614**	**3,164**	**870**	**2,490**	**3,360**

Notes:
du = dwelling unit
ksf = one thousand square feet
Trip Generation Estimates based on Institute of Transportation Engineers (ITE), Trip Generation, 10th Edition, 2017 rates if not provided by jurisdictions.
[a] Trip Generation Estimates provided by Manhattan Beach related project list in November 2019.
[b] Project details based on related project list provided by City of El Segundo in November 2019.
[c] Constructed square footage removed from entitled square footage.
[d] Project details based on related projects list provided by City of Hawthorne in November 2019.



Project Site

Existing Hotels

Related Project

Figure 7

Related Projects

TRANSPORTATION INFRASTRUCTURE PROJECTS

There are no known infrastructure changes in the study area planned for implementation by year 2027. Therefore, network changes were not included in the analysis.

FUTURE YEAR 2027 BASE TRAFFIC VOLUMES

Future year 2027 base weekday AM and PM peak hour traffic volumes and lane geometries for the analyzed intersections are provided in Appendix A. The Future Base traffic conditions represent an estimate of future conditions without the proposed Project inclusive of the ambient background growth and related projects traffic.

FUTURE PLUS PROJECT TRAFFIC PROJECTIONS

The proposed Project traffic volumes were added to the year 2027 Future Base traffic projections, resulting in Future (year 2027) plus Project AM and PM peak hour traffic volumes. As provided in Appendix A, the Future (year 2027) plus Project scenario presents future traffic conditions with the completion of the proposed Project.

EXISTING PLUS PROJECT ANALYSIS

EXISTING PLUS PROJECT TRAFFIC LEVEL OF SERVICE

The Existing plus Project traffic volumes presented in Appendix A were analyzed to determine the projected V/C ratios and LOS for each of the analyzed intersections under this scenario. The analysis includes the project-related improvement on Mariposa Avenue at Pacific Coast Highway. Table 6A and Table 6B summarize the Existing plus Project LOS for signalized and unsignalized intersections, respectively. Analysis sheets are provided in Appendix C.

As shown in Tables 6A & 6B, the same four study intersections that currently operate at LOS E or worse during the AM or PM peak periods are projected to continue to operate at LOS E or worse during the AM or PM peak period with the addition of Project traffic. These intersections include:

1. Pacific Coast Highway & Imperial Highway (LOS E during PM)
6. Pacific Coast Highway & El Segundo Boulevard (LOS F during PM)

A. Pacific Coast Highway & Palm Avenue (LOS F during both AM and PM for the stop-controlled movements only)
B. Pacific Coast Highway & Holly Avenue (LOS F during both AM and PM for the stop-controlled movements only)

The rest of the study intersections are projected to operate at LOS D or better during both peak periods.

The Existing plus Project scenario of the impact analysis at Mariposa Avenue & PCH has also been analyzed without the project improvement to show its potential benefit when compared to the Existing Base and Existing plus Project with improvement conditions. The analysis shows that LOS at Mariposa Avenue & PCH is better with the addition of the project-related improvement than without. A queuing analysis was conducted for the eastbound approach with and without project improvement to show the potential improvement in queue length. The results of this analysis are shown in Appendix E.

TABLE 6A
PACIFIC COAST COMMONS PROJECT
EXISTING PLUS PROJECT INTERSECTION LEVEL OF SERVICE
SIGNALIZED INTERSECTIONS

NO.	INTERSECTION	PEAK HOUR	EXISTING		EXISTING + PROJECT	
			V/C	LOS	V/C	LOS
1	Pacific Coast Hwy &	AM	0.753	C	0.755	C
	Imperial Hwy	PM	0.924	E	0.943	E
2	Pacific Coast Hwy &	AM	0.657	B	0.661	B
	Walnut Ave	PM	0.635	B	0.644	B
3	Pacific Coast Hwy &	AM	0.617	B	0.623	B
	Maple Ave	PM	0.691	B	0.702	C
4 [a]	Pacific Coast Hwy &	AM	0.718	C	0.691	B
	Mariposa Ave	PM	0.784	C	0.783	C
5	Pacific Coast Hwy &	AM	0.746	C	0.758	C
	Grand Ave	PM	0.867	D	0.876	D
6	Pacific Coast Hwy &	AM	0.771	C	0.778	C
	El Segundo Blvd	PM	1.007	F	1.008	F
7	Nash St &	AM	0.657	B	0.657	B
	Imperial Hwy	PM	0.492	A	0.492	A
8	Lairport St &	AM	0.461	A	0.462	A
	Mariposa Ave	PM	0.408	A	0.408	A
9	Nash St &	AM	0.457	A	0.457	A
	Mariposa Ave	PM	0.586	A	0.587	A
10	Kansas St &	AM	0.311	A	0.311	A
	Grand Ave	PM	0.344	A	0.344	A
11	Continental Blvd &	AM	0.477	A	0.479	A
	El Segundo Blvd	PM	0.511	A	0.514	A
12	Nash St &	AM	0.569	A	0.571	A
	El Segundo Blvd	PM	0.626	B	0.629	B

[a] As part of the project, the eastbound leg of Mariposa Avenue at Pacific Coast Highway will be reconfigured from one left lane and one through-right lane to one left, one through, and one right turn lane.

TABLE 6B
PACIFIC COAST COMMONS PROJECT
EXISTING PLUS PROJECT INTERSECTION LEVEL OF SERVICE
UNSIGNALIZED INTERSECTIONS

NO.	INTERSECTION	PEAK HOUR	EXISTING		EXISTING + PROJECT	
			Delay	LOS	Delay	LOS
A [a]	Pacific Coast Hwy &	AM	72.8	F	79.4	F
	Palm Ave	PM	59.8	F	78.1	F
B [a]	Pacific Coast Hwy &	AM	134.5	F	149.9	F
	Holly Ave	PM	267.7	F	336.5	F
C	Indiana St &	AM	11.2	B	11.3	B
	Mariposa Ave	PM	12.8	B	13.0	B
D	Indiana St &	AM	7.5	A	7.6	A
	Holly Ave	PM	7.7	A	7.8	A

[a] A signal warrant analysis was conducted to test the need for traffic signals at intersections with a delay increase of greater than four seconds.

FUTURE PLUS PROJECT ANALYSIS

FUTURE BASE TRAFFIC CONDITIONS

The year 2027 Future Base peak hour traffic volumes were analyzed to determine the projected V/C ratio and delay and LOS for each of the analyzed intersections. Table 7A and Table 7B summarize the future LOS for the signalized and unsignalized intersections, respectively. Five of the 16 study intersections analyzed are projected to operate at LOS E or worse during the AM or the PM peak period under year 2027 Future Base conditions. These intersections include:

1. Pacific Coast Highway & Imperial Highway (LOS F during PM)
5. Pacific Coast Highway & Grand Avenue (LOS E during AM and LOS F during PM)
6. Pacific Coast Highway & El Segundo Boulevard (LOS F during PM)

A. Pacific Coast Highway & Palm Avenue (LOS F during both AM and PM for the stop-controlled movements only)
B. Pacific Coast Highway & Holly Avenue (LOS F during both AM and PM for the stop-controlled movements only)

TABLE 7A
PACIFIC COAST COMMONS PROJECT
FUTURE INTERSECTION LEVELS OF SERVICE
SIGNALIZED INTERSECTIONS

NO.	INTERSECTION	PEAK HOUR	FUTURE (2027)	
			V/C	LOS
1	Pacific Coast Hwy &	AM	0.861	D
	Imperial Hwy	PM	1.119	F
2	Pacific Coast Hwy &	AM	0.739	C
	Walnut Ave	PM	0.694	B
3	Pacific Coast Hwy &	AM	0.690	B
	Maple Ave	PM	0.749	C
4	Pacific Coast Hwy &	AM	0.779	C
	Mariposa Ave	PM	0.880	D
5	Pacific Coast Hwy &	AM	0.969	E
	Grand Ave	PM	1.007	F
6	Pacific Coast Hwy &	AM	0.867	D
	El Segundo Blvd	PM	1.115	F
7	Nash St &	AM	0.698	B
	Imperial Hwy	PM	0.567	A
8	Lairport St &	AM	0.424	A
	Mariposa Ave	PM	0.417	A
9	Nash St &	AM	0.463	A
	Mariposa Ave	PM	0.595	A
10	Kansas St &	AM	0.315	A
	Grand Ave	PM	0.346	A
11	Continental Blvd &	AM	0.519	A
	El Segundo Blvd	PM	0.560	A
12	Nash St &	AM	0.610	B
	El Segundo Blvd	PM	0.675	B

TABLE 7B
PACIFIC COAST COMMONS PROJECT
FUTURE INTERSECTION LEVELS OF SERVICE
UNSIGNALIZED INTERSECTIONS

NO.	INTERSECTION	PEAK HOUR	FUTURE (2027)	
			Delay	LOS
A	Pacific Coast Hwy &	AM	222.7	F
	Palm Ave	PM	141.6	F
B	Pacific Coast Hwy &	AM	352.0	F
	Holly Ave	PM	1250.2	F
C	Indiana St &	AM	11.4	B
	Mariposa Ave	PM	13.2	B
D	Indiana St &	AM	7.4	A
	Holly Ave	PM	7.6	A

FUTURE PLUS PROJECT TRAFFIC CONDITIONS

The resulting Future (year 2027) plus Project peak hour traffic volumes, provided in Appendix A, were analyzed to determine the projected future operating conditions with the addition of the proposed Project traffic. The results of the Future (year 2027) plus Project analysis are presented in Table 8A and Table 8B with analysis sheets provided in Appendix C. The same five study intersections projected to operate at LOS E or worse during the AM or PM peak periods under Future Base conditions are also projected to operate at LOS E or worse during the AM or PM peak periods with the addition of Project traffic. These intersections are:

1. Pacific Coast Highway & Imperial Highway (LOS F during PM)
5. Pacific Coast Highway & Grand Avenue (LOS E during AM and LOS F during PM)
6. Pacific Coast Highway & El Segundo Boulevard (LOS F during PM)

A. Pacific Coast Highway & Palm Avenue (LOS F during both AM and PM for the stop-controlled movements only)
B. Pacific Coast Highway & Holly Avenue (LOS F during both AM and PM for the stop-controlled movements only)

The Future plus Project scenario of the impact analysis at Mariposa Avenue & PCH has also been analyzed without the project improvement to show its potential benefit when compared to the Future Base and Future plus Project with improvement conditions. The analysis shows that LOS at Mariposa Avenue & PCH is better with the addition of the project-related improvement than without. A queuing analysis was conducted for the eastbound approach with and without project improvement to show the potential improvement in queue length. The results of this analysis are shown in Appendix E.

TABLE 8A
PACIFIC COAST COMMONS PROJECT
FUTURE PLUS PROJECT INTERSECTION LEVEL OF SERVICE
SIGNALIZED INTERSECTIONS

NO.	INTERSECTION	PEAK HOUR	FUTURE (2027)		FUTURE + PROJECT	
			V/C	LOS	V/C	LOS
1	Pacific Coast Hwy &	AM	0.861	D	0.863	D
	Imperial Hwy	PM	1.119	F	1.138	F
2	Pacific Coast Hwy &	AM	0.739	C	0.743	C
	Walnut Ave	PM	0.694	B	0.703	C
3	Pacific Coast Hwy &	AM	0.690	B	0.695	B
	Maple Ave	PM	0.749	C	0.761	C
4 [a]	Pacific Coast Hwy &	AM	0.779	C	0.746	C
	Mariposa Ave	PM	0.880	D	0.862	D
5	Pacific Coast Hwy &	AM	0.969	E	0.980	E
	Grand Ave	PM	1.007	F	1.013	F
6	Pacific Coast Hwy &	AM	0.867	D	0.877	D
	El Segundo Blvd	PM	1.115	F	1.117	F
7	Nash St &	AM	0.698	B	0.698	B
	Imperial Hwy	PM	0.567	A	0.567	A
8	Lairport St &	AM	0.424	A	0.424	A
	Mariposa Ave	PM	0.417	A	0.417	A
9	Nash St &	AM	0.463	A	0.464	A
	Mariposa Ave	PM	0.595	A	0.595	A
10	Kansas St &	AM	0.315	A	0.315	A
	Grand Ave	PM	0.346	A	0.346	A
11	Continental Blvd &	AM	0.519	A	0.520	A
	El Segundo Blvd	PM	0.560	A	0.563	A
12	Nash St &	AM	0.610	B	0.612	B
	El Segundo Blvd	PM	0.675	B	0.678	B

[a] As part of the project, the eastbound leg of Mariposa Avenue at Pacific Coast Highway will be reconfigured from one left lane and one through-right lane to one left, one through, and one right turn lane.

TABLE 8B
PACIFIC COAST COMMONS PROJECT
FUTURE PLUS PROJECT INTERSECTION LEVEL OF SERVICE
UNSIGNALIZED INTERSECTIONS

NO.	INTERSECTION	PEAK HOUR	FUTURE (2027)		FUTURE + PROJECT	
			Delay	LOS	Delay	LOS
A [a]	Pacific Coast Hwy &	AM	222.7	F	255.6	F
	Palm Ave	PM	141.6	F	208.8	F
B [a]	Pacific Coast Hwy &	AM	352.0	F	385.4	F
	Holly Ave	PM	1250.2	F	1970.2	F
C	Indiana St &	AM	11.4	B	11.5	B
	Mariposa Ave	PM	13.2	B	13.5	B
D	Indiana St &	AM	7.4	A	7.5	A
	Holly Ave	PM	7.6	A	7.7	A

[a] A signal warrant analysis was conducted to test the need for traffic signals at intersections with a delay increase of greater than four seconds.

SIGNAL WARRANT ANALYSIS

A signals warrant analysis was conducted at two of the four unsignalized intersections analyzed for the Pacific Coast Commons project: PCH & Palm Avenue (Intersection A) and PCH & Holly Avenue (Intersection B).

Both of these intersections have a projected delay increase of over four seconds for the stop-controlled movements with the inclusion of project related trips. Due to the intersections being two-way-stop-controlled, the addition of even one vehicle results in a large increase in delay at the stop-sign controlled approach. Therefore, a signal warrant analysis was conducted to see if these two intersections trigger the potential need for a traffic signal. Using the Manual on Uniform Traffic Control Devices (MUTCD) methodology, these two intersections were tested to see if their volumes meet signal warrants. The peak hour signal warrant was used for this analysis, and it is intended for use at a location where traffic conditions are such that for a minimum of 1 hour of an average day, the minor-street traffic suffers undue delay when entering or crossing the major street.

Neither the PCH & Palm Avenue intersection nor the PCH & Holly Avenue intersection trigger a signal warrant for both Existing plus Project and Future plus project. Table 9 summarizes this analysis.

Analysis sheets for signal warrants can be found in Appendix D.

TABLE 9
PACIFIC COAST COMMONS PROJECT
PEAK HOUR SIGNAL WARRANT ANALYSIS

No.	INTERSECTIONS	PEAK HOUR	EXISTING SIGNAL WARRANT MET	EXISTING PLUS PROJECT SIGNAL WARRANT MET	FUTURE 2027 SIGNAL WARRANT MET	FUTURE 2027 PLUS PROJECT SIGNAL WARRANT MET
A	Pacific Coast Highway & Palm Avenue	AM	NO	NO	NO	NO
		PM	NO	NO	NO	NO
B	Pacific Coast Highway & Holly Avenue	AM	NO	NO	NO	NO
		PM	NO	NO	NO	NO

5. SITE ACCESS

Vehicle access for the Project is to be provided via PCH, Indiana Street, Mariposa Avenue, and Palm Avenue. The driveway configurations for the individual sites are as follows and illustrated in Figure 2:

- Pacific Coast Commons North Site
  - Access for residential and commercial (full access in/out) provided via Mariposa Avenue and Palm Avenue into a private driveway

- Fairfield Parking Site
  - Access for hotel and commercial (right in only) provided via PCH
  - Access for hotel and commercial (full access out only) provided via Indiana Street

- Pacific Coast Commons South Site
  - Hotel/Commercial access (right in/right out) provided via PCH
  - Residential access (full access in/out) provided primarily via Indiana Street, with access via PCH (right in/right out)

The new Fairfield Hotel parking structure will not have direct (outbound) access onto Indiana Street. The structure will have direct inbound and outbound access from the existing internal drive aisle of the hotel, between Indiana Street and PCH. The existing driveway on Indiana Street will continue to provide outbound-only access for hotel and commercial uses. There is also an existing driveway between the Fairfield and Aloft hotels, at Pine Avenue. This driveway will continue to be a service-only driveway (for trash collection trucks and emergency vehicles) and will not provide site access for patrons and employees of the project.

Bicycle and pedestrian access to the project site will not be affected as no new driveways are being added. Bicycle access to the project site is available on Indiana Street, Mariposa Avenue, and PCH.

LEVEL OF SERVICE ANALYSIS FOR PROJECT DRIVEWAYS

A level of service analysis was conducted to evaluate the ability of the Project access plan to accommodate the anticipated traffic levels at the driveway access points. This analysis was only conducted for the Pacific Coast Commons South driveway on PCH, as Indiana Street is a local road and driveway turns are not anticipated to materially affect operations. The Fairfield Parking site driveway on PCH provides inbound access only and is also not anticipated to affect operations.

The Pacific Coast Commons South driveway on PCH will be unsignalized and stop-controlled and was analyzed using the two-way stop-controlled HCM 6th Edition methodology. The HCM methodology determines the average vehicle delay for the stop-controlled approach to find the corresponding LOS based on the definitions presented in Table 2B. Driveway analysis LOS worksheets are included in Appendix C. Table 10 shows the results of the LOS analysis at the unsignalized driveway.

As shown, the Pacific Coast Commons South driveway approach to PCH is projected to operate at acceptable LOS (LOS D or better) under Existing plus Project (2019). It is projected to operate at LOS D in the AM peak period and LOS E in the PM peak period under the Future plus Project (2027) scenario. A queuing analysis was conducted for the driveway approach to show the estimated length of queues for vehicles exiting the Project site. While the delay is high enough to operate at LOS E under the Future plus Project (2027) scenario, queues are anticipated to be minimal given the volume of outbound project trips at this driveway. Queue results are shown in Table 11.

TABLE 10
PACIFIC COAST COMMONS PROJECT
DRIVEWAY LEVEL OF SERVICE ANALYSIS

DRIVEWAY	PEAK HOUR	EXISTING + PROJECT		FUTURE + PROJECT	
		Delay	LOS	Delay	LOS
Pacific Coast Hwy &	AM	20.2	C	26.6	D
Pacific Coast Commons South Dwy	PM	26.3	D	35.2	E

TABLE 11
PACIFIC COAST COMMONS PROJECT
DRIVEWAY QUEUE ANALYSIS

DRIVEWAY	PEAK HOUR	EXISTING + PROJECT	FUTURE + PROJECT
		95th% Queue (ft)	95th% Queue (ft)
Pacific Coast Hwy &	AM	25	25
Pacific Coast Commons South Dwy	PM	25	25

6. GENERAL PLAN COMPARISON

The Project consists of the adoption of the Pacific Coast Commons Specific Plan which consists of five areas and will allow the development of 263 residential units and 11,252 square feet of commercial space in three of the areas. Because the adoption of a specific plan will change the overall framework for development for this site established by the El Segundo General Plan, a comparison of trip generation estimates of the proposed project with the currently designated General Plan land uses of the site was conducted.

According to the City's General Plan, the land uses of the project site are designated as parking for the North Site and general commercial with a maximum floor area ratio (FAR) of 1.0 for the Fairfield Parking Site and the South Site. Trip generation estimates of the currently designated General Plan land uses on the project site were developed using the following assumptions:

- 21,660 square feet of general retail
- 10,000 square feet of high turnover restaurant
- 10,000 square feet of fast casual restaurant

The size of the General Plan land use assumptions was developed by multiplying the site area by the 1.0 FAR to get the total building area. A majority retail was assumed for the general commercial land use with a mix of restaurant uses (approximately two restaurants of each type). Fast casual and high turnover were assumed as the most likely restaurant types to be built at this location. Fast food and quality restaurant classifications were not assumed due to the site's location along a high traffic corridor like PCH and based upon the conceptual site plan/floor plan design.

As shown in Table 12, the General Plan land uses are projected to generate an estimated 4,026 daily trips, including 203 trips (112 inbound/91 outbound) during the AM peak hour and 262 trips (145 inbound/117 outbound) during the PM peak hour. The Project is projected to generate an estimated net increase of 2,517 daily trips, including 132 trips (47 inbound/85 outbound) during the AM peak hour and 178 trips (103 inbound/75 outbound) during the PM peak hour, as shown previously in Table 4. The General Plan land uses are projected to generate 1,509 more daily trips than the proposed project, including 71 more trips during the AM peak hour and 84 more trips during the PM peak hour.

TABLE 12
PACIFIC COAST COMMONS PROJECT
GENERAL PLAN TRIP GENERATION ESTIMATES

Land Use	ITE Land Use Code	Size	Trip Generation Rates [a]							Estimated Trip Generation						
			Daily	AM Peak Hour			PM Peak Hour			Daily	AM Peak Hour Trips			PM Peak Hour Trips		
				Rate	In%	Out%	Rate	In%	Out%		In	Out	Total	In	Out	Total
General Plan Condition																
Retail	820	21.660 ksf	37.75	0.94	62%	38%	3.81	48%	52%	818	12	8	20	40	43	83
Less: Transit/Walk/Bike			*5%*	*5%*			*5%*			*(41)*	*(1)*	*0*	*(1)*	*(2)*	*(2)*	*(4)*
Total Driveway Trips										777	11	8	19	38	41	79
High Turnover Restaurant	932	10.000 ksf	112.18	9.94	55%	45%	9.77	62%	38%	1,122	54	45	99	61	37	98
Less: Transit/Walk/Bike			*5%*	*5%*			*5%*			*(56)*	*(3)*	*(2)*	*(5)*	*(3)*	*(2)*	*(5)*
Total Driveway Trips										1,066	51	43	94	58	35	93
Less: Pass-by [c]			*20%*	*20%*			*20%*			*(213)*	*(10)*	*(8)*	*(18)*	*(11)*	*(7)*	*(18)*
Net External Vehicle Trips										853	41	35	76	47	28	75
Fast Casual Restaurant [b]	930	10.000 ksf	315.17	14.13	55%	45%	14.13	55%	45%	3,152	78	63	141	78	63	141
Less: Transit/Walk/Bike			*5%*	*5%*			*5%*			*(158)*	*(4)*	*(3)*	*(7)*	*(4)*	*(3)*	*(7)*
Total Driveway Trips										2,994	74	60	134	74	60	134
Less: Pass-by [c]			*20%*	*20%*			*20%*			*(598)*	*(14)*	*(12)*	*(26)*	*(14)*	*(12)*	*(26)*
Net External Vehicle Trips										2,396	60	48	108	60	48	108
General Plan Trip Generation										4,026	112	91	203	145	117	262

Notes:

[a] Source: Institute of Transportation Engineers (ITE), *Trip Generation, 10th Edition,* 2017, unless otherwise noted.

[b] ITE code 930 Fast Casual Restaurant was used with the General Urban/Suburban setting rate. Due to lack of sufficient data, PM rates were used for AM time period.

[c] The pass-by credit is based on data available in the ITE, Trip Generation Handbook, 3rd Edition, 2014.

7. CONSTRUCTION PERIOD IMPACT ANALYSIS

Short-term adverse traffic and parking impacts could occur in the Project vicinity during construction of the Project. Additional trips generated by the truck deliveries and construction employees could affect traffic flow in the study area; construction activity could impact traffic near the Project site; and pedestrian traffic flow near the Project site could be altered as a result of construction.

CONSTRUCTION IMPACT ASSESSMENT

Construction of Pacific Coast Commons will be phased. Phase 1 will construct the replacement parking for the Fairfield Inn & Suites site adjacent to the existing hotel. Phase 2 will consist of the construction of the South site. Phase 3 will consist of the buildout of the North site. The project proposes two potential timelines for construction. One timeline assumes a sequential timeline with three separate phases. The second timeline assumes a construction timeline in which Phase 2 and 3 will be constructed concurrently.

For the purpose of this study, the more conservative concurrent construction timeline is analyzed.

CONSTRUCTION PHASING

Based on the schedule provided by the developer, construction of the project is currently planned to begin in October 2021 and is expected to be completed by July 2024. Each phase of construction is expected to involve six general phases, which overlap to some extent:

- Phase 1: Replacement parking for Fairfield Inn & Suites, October 2021 – December 2022
    1. Demolition – 1 month
    2. Site Preparation – 1 month
    3. Grading – 2 months
    4. Building Construction – 9 months
    5. Paving – 2 months
    6. Architectural Coating – 2 months
- Phase 2 and 3: South Site and North Site, concurrent construction, January 2023 – July 2024
    1. Demolition – 2 months
    2. Site Preparation – 1 month
    3. Grading – 2 months
    4. Building Construction – 12 months

5. Paving – 2 months
6. Architectural Coating – 2 months

Section 7-2-10 of the El Segundo Municipal Code (ESMC) limits construction activities to the hours from 7:00 AM to 6:00 PM Monday through Saturday, with no construction permitted on Sundays or holidays.

CONSTRUCTION PERIOD TRIP GENERATION

Haul Activity

Hauling activity is expected to occur during Demolition and Grading. Table 13 shows the peak day activity estimated under each phase of construction. Up to four truckloads per day are anticipated on peak haul days during Demolition during Phase 1. Up to three truckloads per day are anticipated on peak haul days during Grading of Phase 2 and 3.

Haul trucks are anticipated to use PCH north to Imperial Highway and PCH south to El Segundo Boulevard. All three of these streets are currently designated as truck routes in the City of El Segundo. Imperial Highway links directly to I-105 to the north and El Segundo Boulevard links directly to I-405 to the south. Haul routes are shown in Figure 8.

Equipment and Delivery Trucks

In addition to haul trucks, the site is also expected to generate equipment and delivery trucks during various phases of construction. One example would be concrete delivery, which would be required for the parking garage and the buildings on site. Other materials would include plumbing supplies, electrical fixtures, and items used in furnishing the buildings. These materials would be delivered to the site and stored on-site. These deliveries are expected to occur in variously sized vehicles including small delivery trucks to cement mixer trucks and 18-wheel trucks. Additionally, construction equipment would have to be delivered to the site. This equipment could include cranes, bulldozers, excavators, and other large items of machinery, which would be transported to the site on large trucks. As shown in Table 7, up to 30 delivery trucks per day are anticipated on peak activity days during Phase 2 and 3.

Construction Employees

As shown in Table 13, Building Construction of Phase 2 and 3 is expected to involve up to 150 workers each on-site on a daily basis.

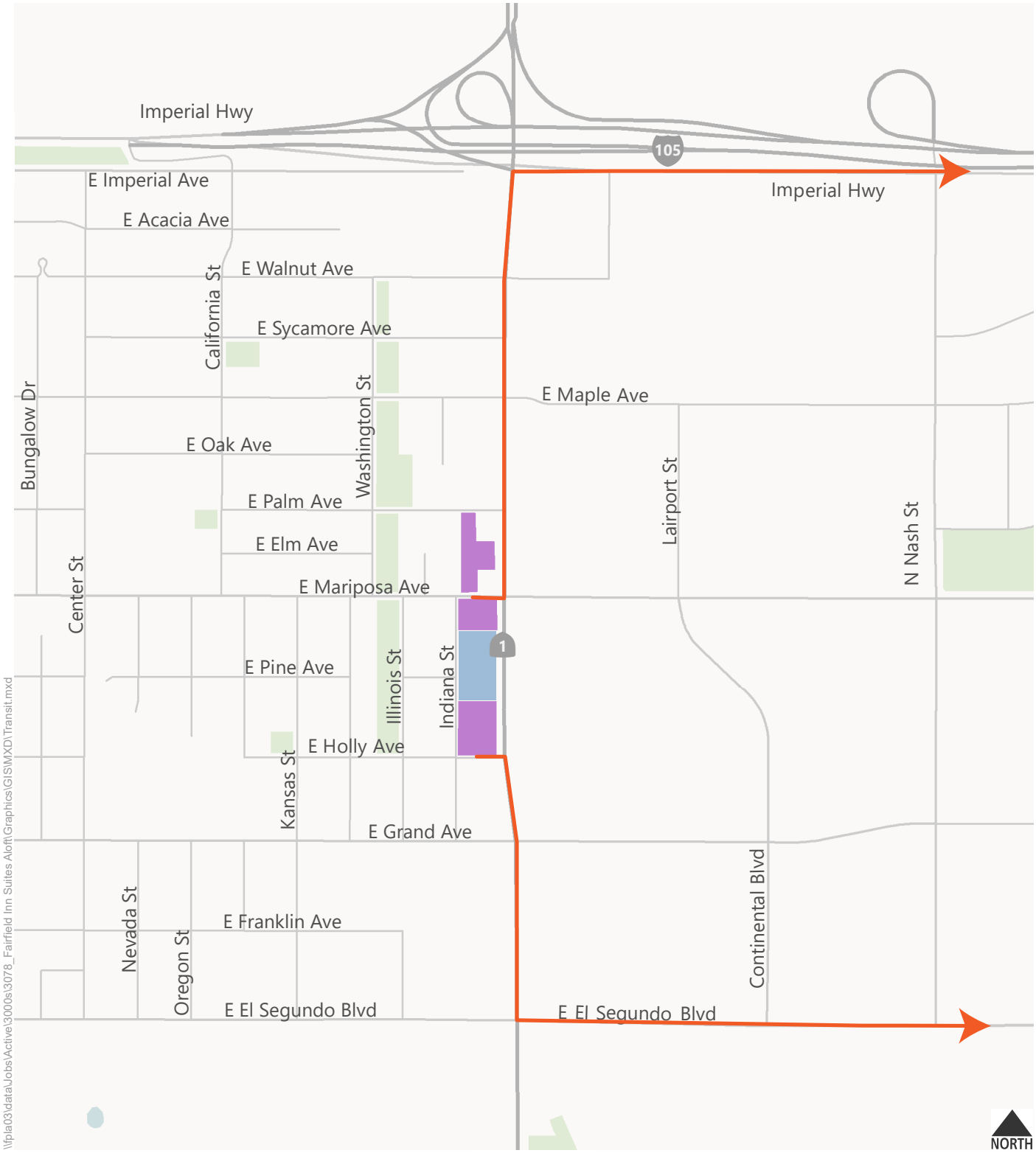


Figure 8

Haul Truck Routes

TABLE 13
PACIFIC COAST COMMONS PROJECT
ESTIMATED PEAK DAY CONSTRUCTION ACTIVITY UNDER EACH PHASE

Phase 1	Construction Workers	Haul Truckloads	Delivery Truckloads
Demolition	40	4	10
Site Preparation	25	0	5
Grading	40	0	5
Building Construction	60	0	15
Paving	20	0	5
Architectural Coating	40	0	10
Phase 2 and 3	**Construction Workers**	**Haul Truckloads**	**Delivery Truckloads**
Demolition	50	2	20
Site Preparation	60	0	10
Grading	80	3	10
Building Construction	150	0	30
Paving	40	0	10
Architectural Coating	60	0	20

Trip Generation Impact Analysis

Based on the aforementioned information, a construction period trip generation analysis was conducted for each phase of construction to estimate daily, morning and evening peak hour trips. Construction workers often travel to and from a worksite outside of the typical peak commute hours. For the purpose of the analysis, it was assumed that up to 40% of the construction workers will arrive during the peak morning commute hour and 40% will depart during the peak evening commute hour. Haul and delivery/equipment trucks were assumed to occur evenly throughout the 8-hour construction day.

Peak day activity occurs during the concurrent construction of Phase 2 and 3. Table 14 shows a summary of construction period trip generation estimates under Phase 2 and 3 for each phase of construction. As shown, on a peak construction activity day, approximately 420 daily trips are estimated to occur during the Building Construction phase, of which 76 trips would occur during each of the morning and evening peak hours.

The peak construction activity is estimated to generate fewer total daily trips and peak hour trips than are projected for the project once it is completed and occupied. The influx of this material and equipment could create temporary adverse effects on the adjacent roadway network based on the following considerations:

- There may be intermittent periods when large numbers of material deliveries are required, such as when concrete trucks will be needed for the parking garage and the buildings.
- Some of the materials and equipment could require the use of large trucks (18-wheelers), which could create additional congestion on the adjacent roadways.
- Delivery vehicles may need to park temporarily on adjacent roadways such as Palm Avenue, Holly Avenue, Mariposa Avenue, and Indiana Street, as they deliver their items. It is not uncommon for these types of deliveries to result in temporary lane closures.

TABLE 14
PACIFIC COAST COMMONS PROJECT
CONSTRUCTION PERIOD TRIP GENERATION

Peak Day Activity Under Each Phase

	Demolition	Site Preparation	Grading	Building Construction	Paving	Architectural Coating
Construction Workers	*50*	*60*	*80*	*150*	*40*	*60*
Passenger Car Equivalent (PCE) factor	1.0	1.0	1.0	1.0	1.0	1.0
Haul Truckloads	*2*	*0*	*3*	*0*	*0*	*0*
Passenger Car Equivalent (PCE) factor	2.0	2.0	2.0	2.0	2.0	2.0
Delivery Truckloads	*20*	*10*	*10*	*30*	*10*	*20*
Passenger Car Equivalent (PCE) factor	2.0	2.0	2.0	2.0	2.0	2.0

CONSTRUCTION PERIOD TRIP GENERATION

Phase	Daily PCE Trips [1]	Morning Peak Hour PCE Trips			Evening Peak Hour PCE Trips		
		In	Out	Total	In	Out	Total
Demolition							
Construction Worker Trips[2]	100	20	0	20	0	20	20
Haul Truck Trips [3]	8	0	0	0	0	0	0
Delivery/Equipment Truck Trips [3]	80	5	5	10	5	5	10
Total	***188***	***25***	***5***	***30***	***5***	***25***	***30***
Site Preparation							
Construction Worker Trips[2]	120	24	0	24	0	24	24
Haul Truck Trips [3]	0	0	0	0	0	0	0
Delivery/Equipment Truck Trips [3]	0	3	3	6	3	3	6
Total	***120***	***27***	***3***	***30***	***3***	***27***	***30***
Grading							
Construction Worker Trips[2]	160	32	0	32	0	32	32
Haul Truck Trips [3]	11	1	1	2	1	1	2
Delivery/Equipment Truck Trips [3]	40	3	3	6	3	3	6
Total	***211***	***36***	***4***	***40***	***4***	***36***	***40***
Building Construction							
Construction Worker Trips[2]	300	60	0	60	0	60	60
Haul Truck Trips [3]	0	0	0	0	0	0	0
Delivery/Equipment Truck Trips [3]	120	8	8	16	8	8	16
Total	***420***	***68***	***8***	***76***	***8***	***68***	***76***
Paving							
Construction Worker Trips[2]	80	16	0	16	0	16	16
Haul Truck Trips [3]	0	0	0	0	0	0	0
Delivery/Equipment Truck Trips [3]	40	3	3	6	3	3	6
Total	***120***	***19***	***3***	***22***	***3***	***19***	***22***
Architectural Coating							
Construction Worker Trips[2]	120	24	0	24	0	24	48
Haul Truck Trips [3]	0	0	0	0	0	0	0
Delivery/Equipment Truck Trips [3]	80	5	5	10	5	5	10
Total	***200***	***29***	***5***	***34***	***5***	***29***	***58***

PCE - Passenger car equivalent

Notes:

[1] - Daily trips were calculated by counting two trips, one inbound and one outbound trip for each vehicle

[2] - Up to 40% of the construction workers were assumed to arrive during the morning peak hour of adjacent street traffic. A total of up to 40% worker were assumed to depart during the evening peak hour.

[3] - Daily haul and delivery/equipment truck trips were assumed to occur evenly throughout an 8-hour construction day. Therefore, the daily truck trips were divided by 8 hours to calculate morning and evening peak hour truck trips.

TEMPORARY TRAFFIC IMPACTS

Potential impacts associated with construction of the project would be limited to those locations immediately adjacent to the project Site. Segments of PCH, Indiana Street, Mariposa Avenue, and Holly Avenue would have short-term impacts at locations where new curbs, landscaping, etc. are installed. Flagmen may be employed to guide trucks in and out of the project site which may temporarily delay traffic. Temporary lane closures around the project site may be expected. It is assumed that the access closures, if any, would result in temporary, short-term impacts but would not be considered significant.

TEMPORARY LOSS OF ACCESS

The existing hotels on the project site will remain open throughout construction. Pedestrian access to the existing hotel uses on the Project site will be open for the duration of construction, other than intermittent short-term occurrences. Sidewalk closures around the perimeter of the project site may be expected during street improvements for approximately 1-2 months. During this time, pedestrians would generally be routed to the other side of the street, but temporary covered pedestrian routes would be provided for access to the existing hotels. Worksite traffic control plans would be prepared for any temporary sidewalk closures in accordance with applicable City and MUTCD guidelines.

Vehicle access will be accommodated for the existing hotel uses on the project site throughout the duration of construction. During Phase 1 construction, Fairfield guests would continue to park at the existing surface lot on the North site. Once Phase 1 is completed, parking for the Fairfield guests can be moved into the newly constructed garage. During Phase 2 construction, Aloft parking would be accommodated via the existing surface lot at the North site. Once Phase 2 is completed, the South site and its respective land uses will park on-site at the new garage. Phase 3, the North site, would begin construction and during this buildout no vehicles would need special parking accommodations. Since the Project construction would not block any vehicle access to other parcels fronting the construction area, impacts would be less than significant.

TEMPORARY LOSS OF BUS STOPS OR REROUTING OF BUS LINES

Bus stops are located east of the project site, on Mariposa Avenue and on PCH. Construction is not anticipated to affect bus operations as construction and staging would not be immediately adjacent to these bus stops. Therefore, the Project construction would not require relocation of bus stops and the construction impacts on transit operations would be less than significant.

TEMPORARY LOSS OF ON-STREET PARKING

The only on-street parking permitted within the vicinity of the Project site is on the Indiana Street. While construction may require temporary parking restrictions along the project frontages of Indiana Street to accommodate the construction area footprint, on-street parking along the perimeter will be maintained as much as possible.

EMPLOYEE PARKING

A shared construction parking analysis was conducted for the construction of Pacific Coast Commons to understand the parking needs of construction employees and uses on-site. There is projected to be an excess demand of on-site parking spaces between the construction employees and uses on-site during the concurrent construction of Phase 2 and 3.[5] In order to accommodate the excess demand in parking, sufficient off-site parking with transport to and from the project site would need to be provided for hotel guests and employees, and construction employees.

[5] *Pacific Coast Commons – Shared Parking Analysis Memorandum,* Fehr & Peers, 2020.

8. SUMMARY AND CONCLUSIONS

This study was undertaken to analyze the potential transportation impacts of the proposed Pacific Coast Commons development. The following summarizes the results of this analysis:

- The Project consists of the development of three sites on existing parking lots affiliated with the Fairfield Inn & Suites and the Aloft Hotels. On the Pacific Coast Commons North site, 143 residential units and 2,223 square feet of commercial are proposed for construction. On the Fairfield Parking site, a parking structure will be constructed with 3,273 square feet of ground floor commercial. On the Pacific Coast Commons South site, 120 residential units with 2,056 square feet of ground floor commercial and 3,700 square feet of fast casual restaurant space will be constructed. The total development will include approximately 263 apartment units and 11,252 square feet of ground floor commercial space.

- Vehicle access for the Project is to be provided via one driveway on Mariposa Avenue, one driveway on Palm Avenue, two driveways on PCH, and two driveways on Indiana Street. The Pacific Coast Commons North site has ingress/egress via Mariposa Avenue and Palm Avenue into a private driveway. The Fairfield Parking site would have ingress from a driveway on PCH and egress from a driveway on Indiana Street. The Pacific Coast Commons South site would have ingress/egress at both PCH and Indiana Street driveways.

- The project is estimated to generate an average daily household VMT per resident of 10.9 miles. The Project would not result in a significant transportation impact using the VMT significance thresholds developed for this study.

- The Project is projected to generate an estimated net increase of 2,517 daily trips, including 132 trips (47 inbound/85 outbound) during the AM peak hour and 178 trips (103 inbound/75 outbound) during the PM peak hour.

- A level of service analysis was conducted for 12 signalized intersections and 4 stop-controlled intersections. The results of this analysis were presented for informational purposes only.

- Driveway access was evaluated for the Project at the Pacific Coast Commons South driveway on PCH. The driveway approach to PCH is projected to operate at acceptable levels under Existing plus Project conditions and projected to operate at LOS E during the PM peak hour under Future plus Project conditions.

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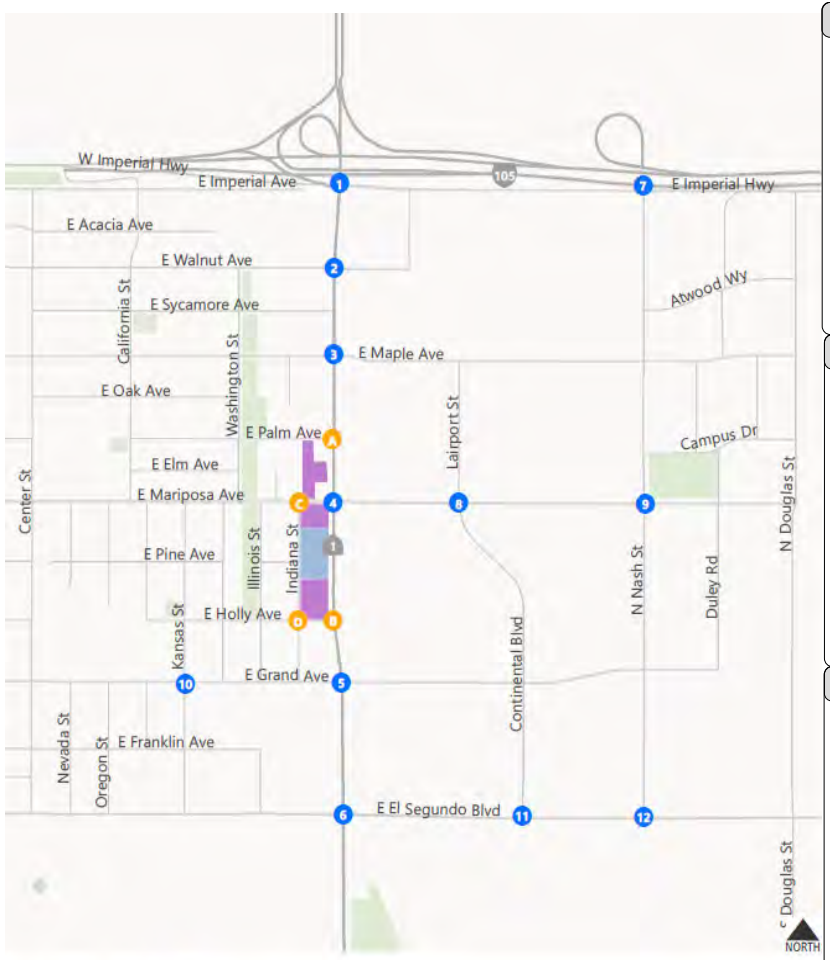
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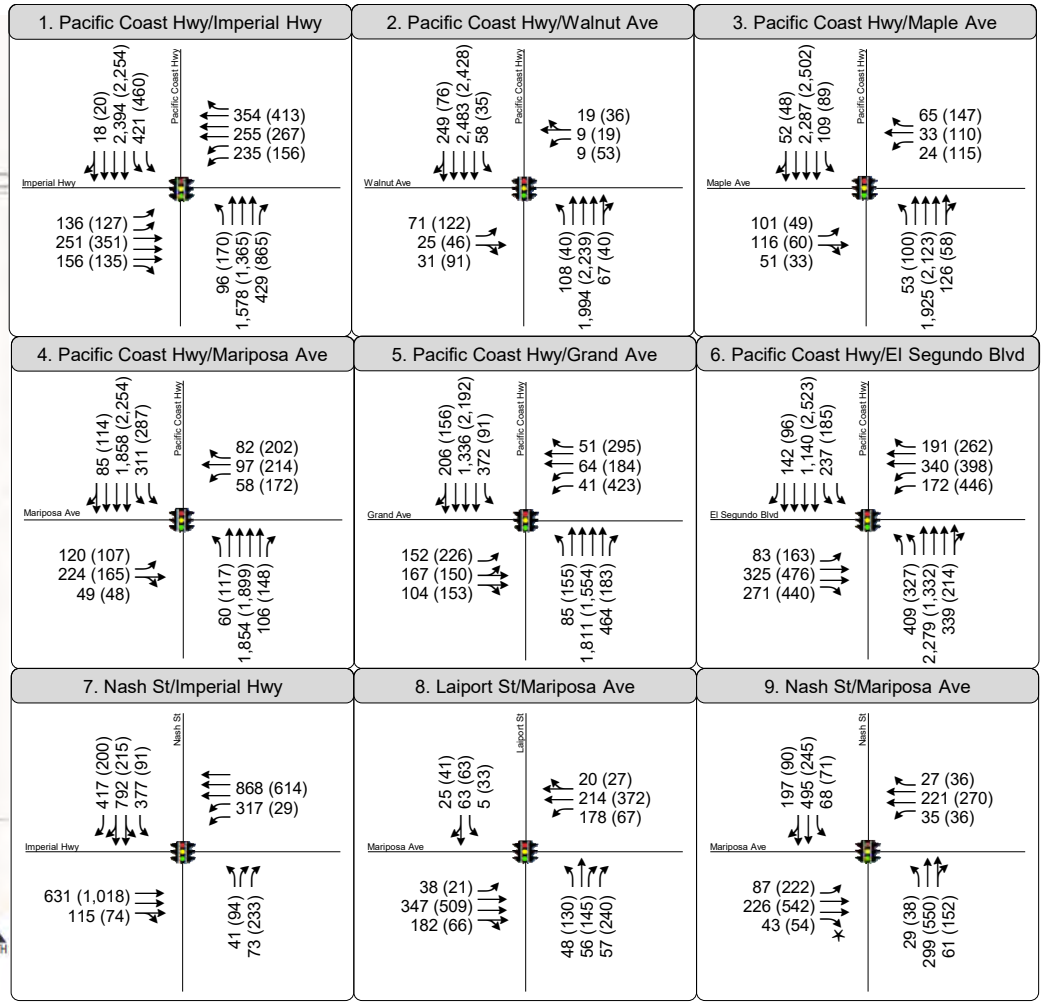
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APPENDIX A:
LANE CONFIGURATIONS AND TRAFFIC VOLUMES



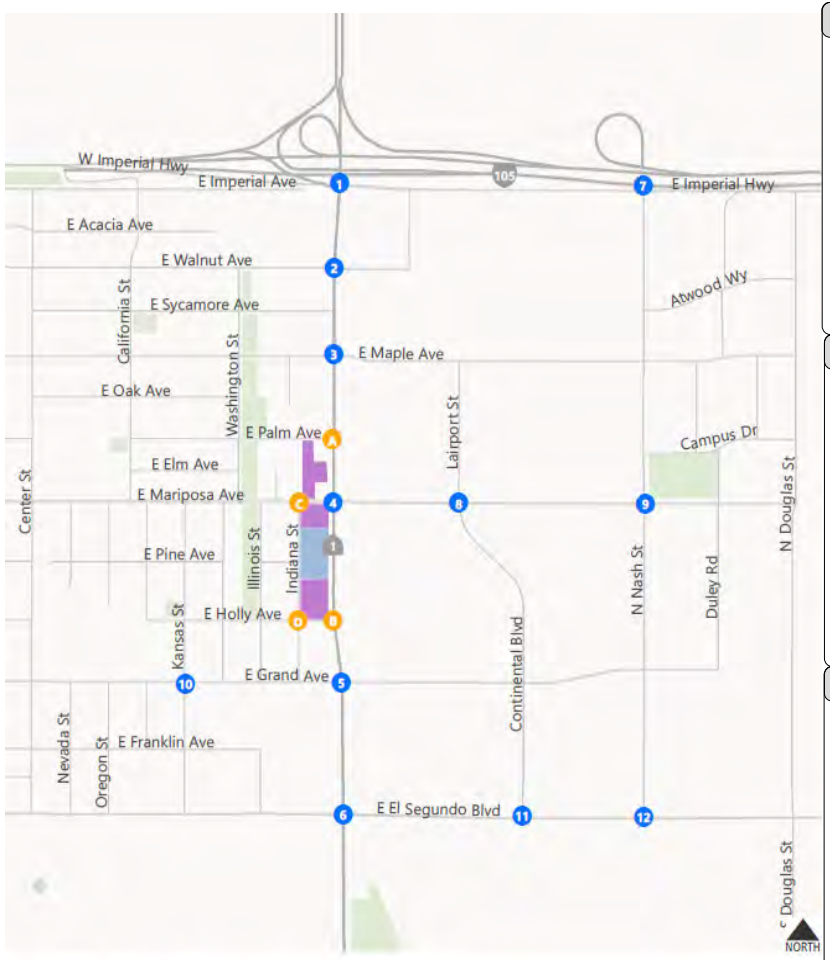
Study Intersections
- Signalized
- Unsignalized

Project Site
Existing Hotels



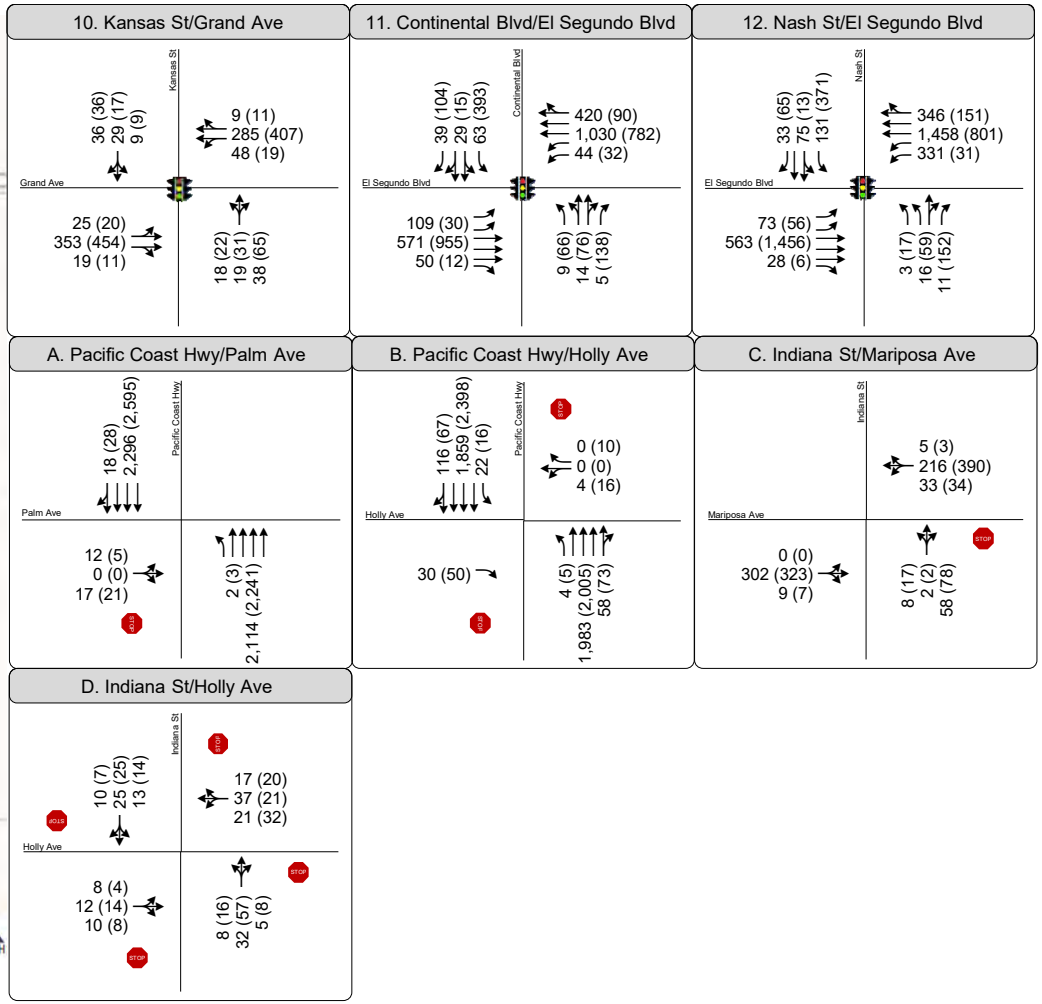
*De facto right turn lane

Appendix A
Peak Hour Traffic Volumes and Lane Configurations
Existing (2019) Conditions



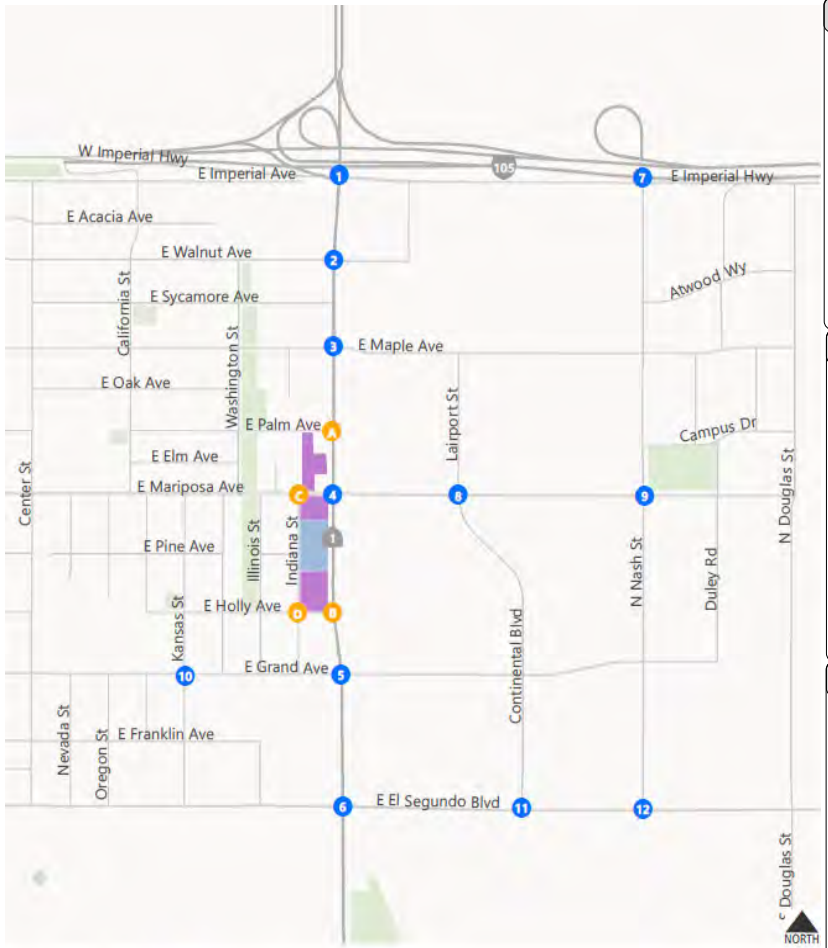
Study Intersections
- Signalized
- Unsignalized

Project Site
Existing Hotels



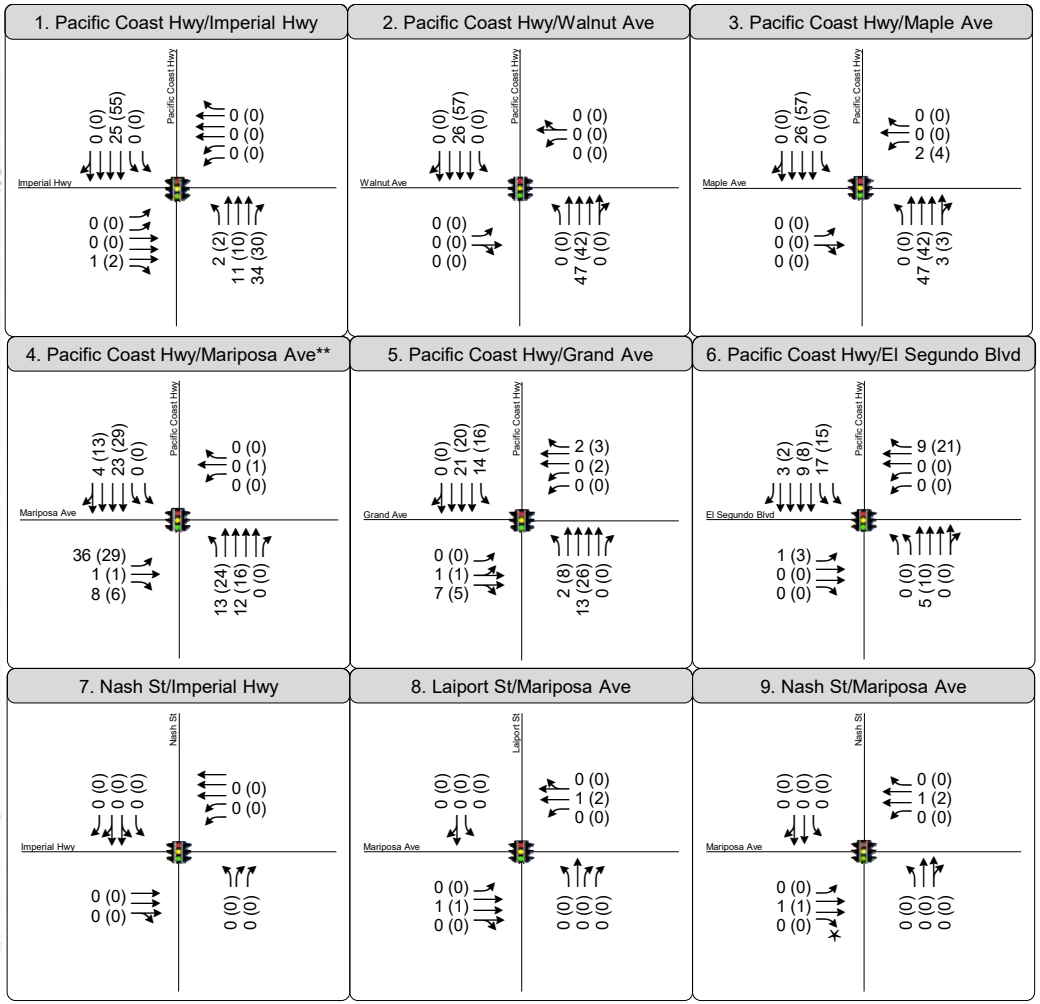
*De facto right turn lane

Appendix A
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Existing (2019) Conditions



Study Intersections
- Signalized
- Unsignalized

Project Site
Existing Hotels

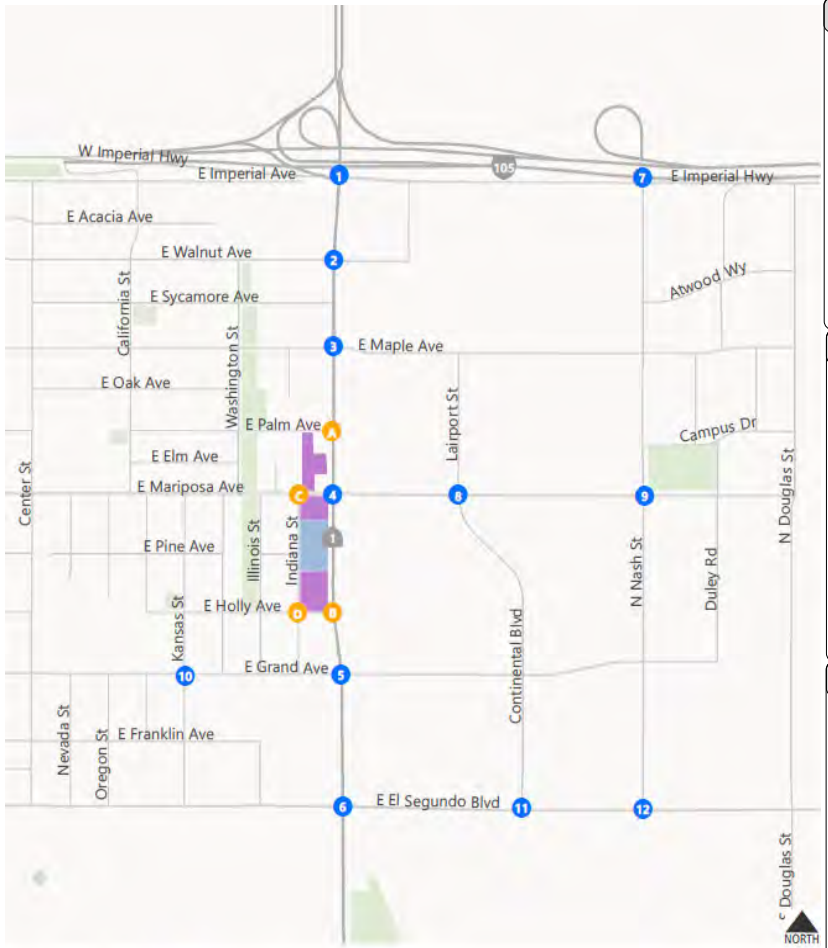


*De facto right turn

*As part of the project, the eastbound leg of Mariposa Avenue at Pacific Coast Highway (Intersection 4) will be reconfigured from one left lane and one through-right lane to one left, one through, and one right turn lane.

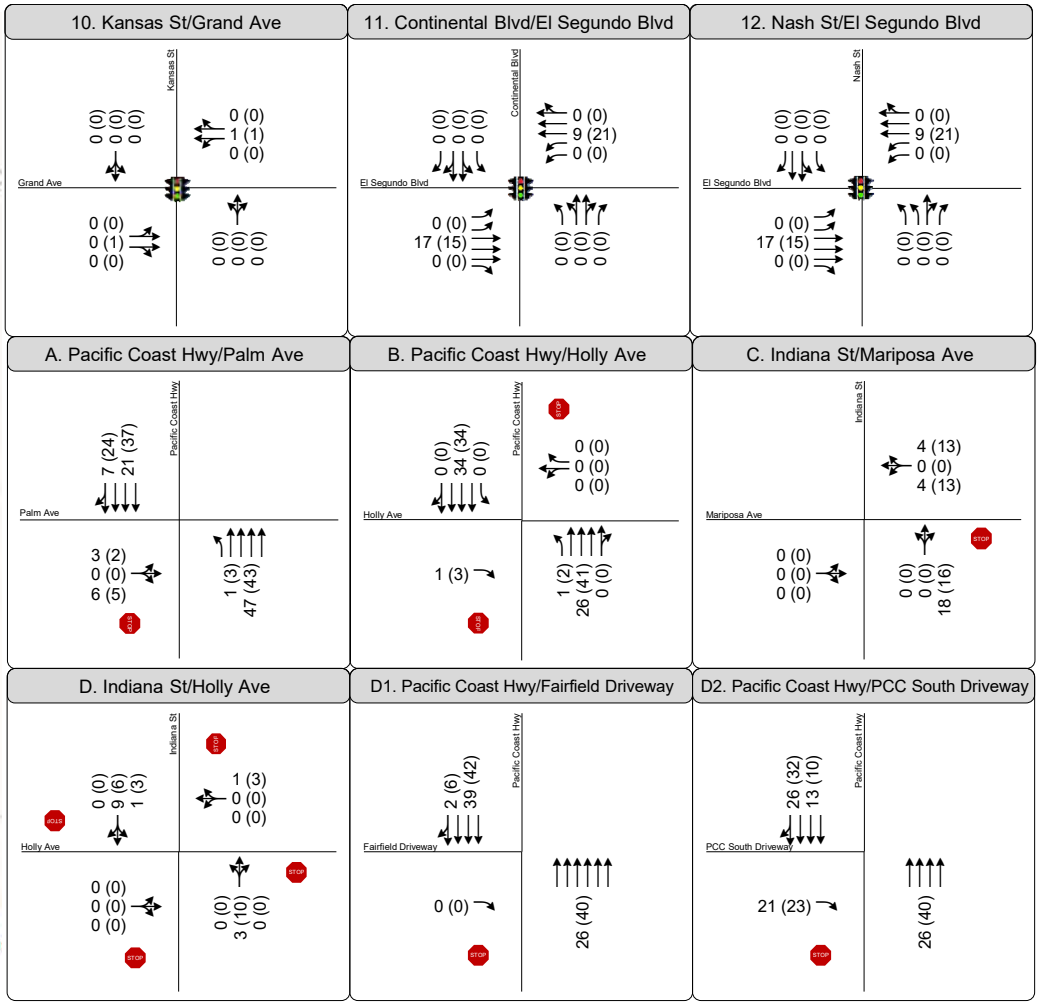
Appendix A

Peak Hour Traffic Volumes and Lane Configurations
Project Only Assignment



Study Intersections
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- Unsignalized

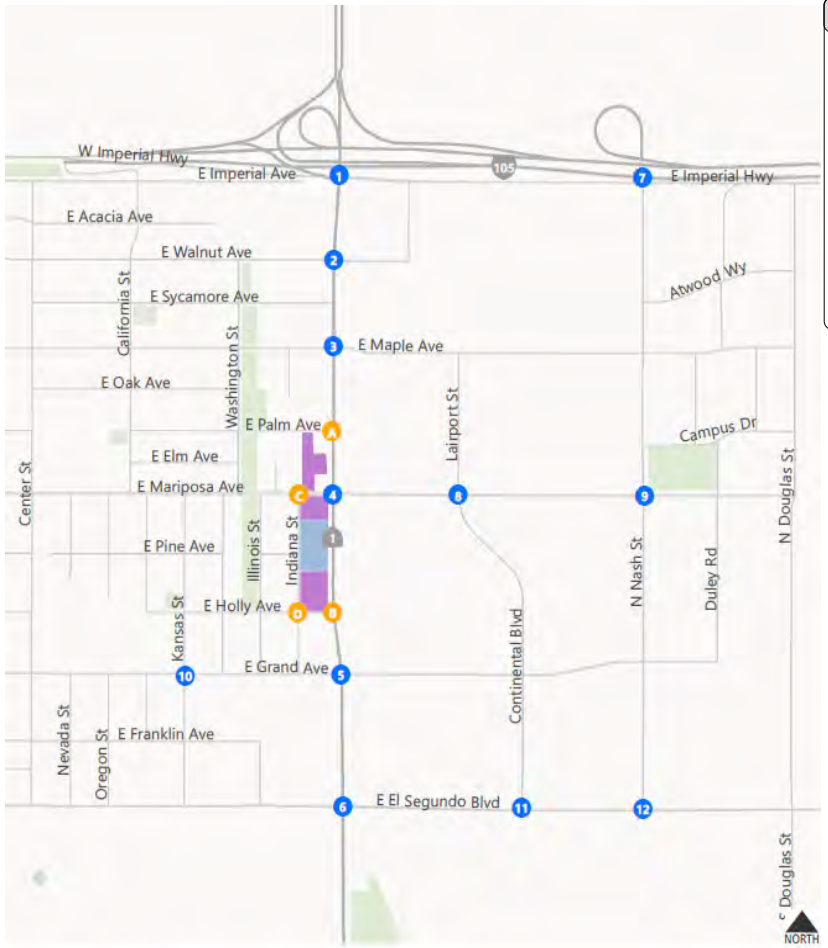
Project Site
Existing Hotels



*De facto right turn

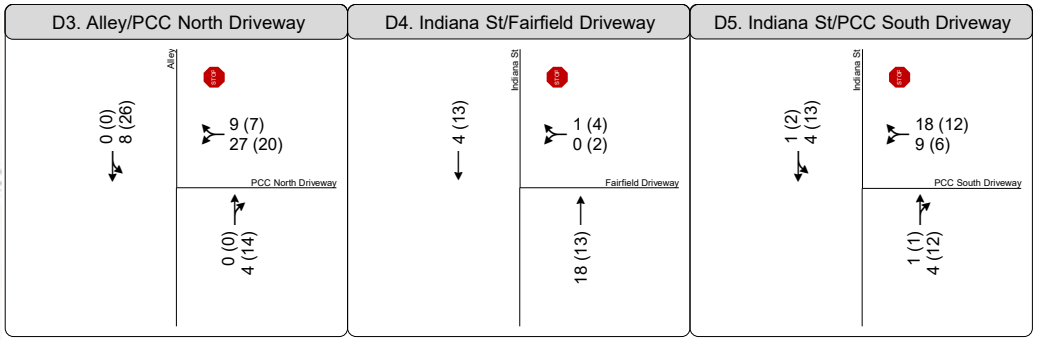
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Appendix A
Peak Hour Traffic Volumes and Lane Configurations
Project Only Assignment



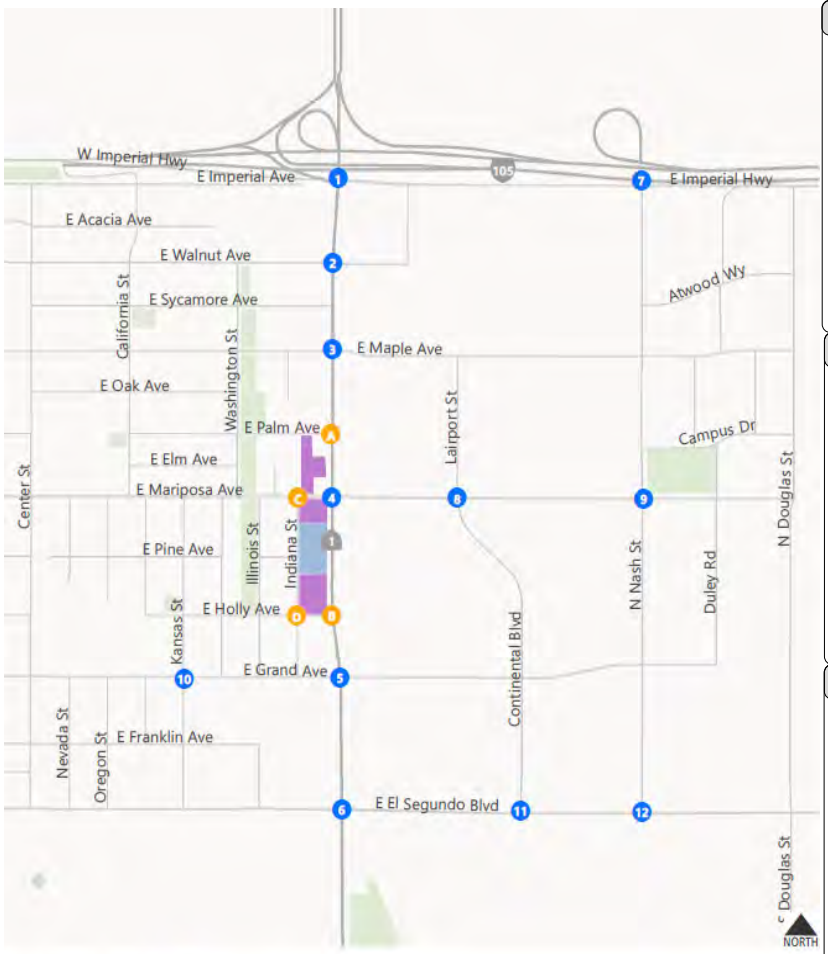
Study Intersections
- Signalized
- Unsignalized

Project Site
Existing Hotels



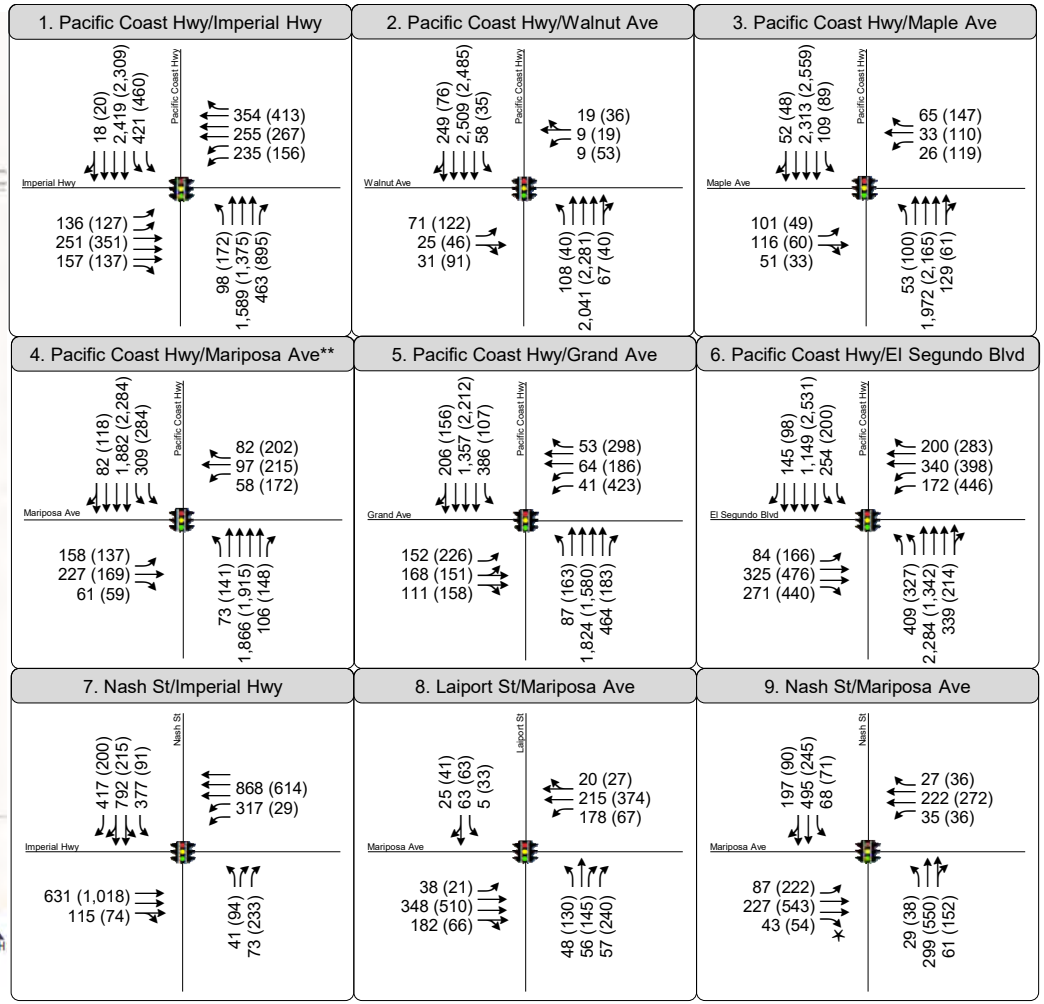
*De facto right turn

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Study Intersections
- Signalized
- Unsignalized

Project Site
Existing Hotels

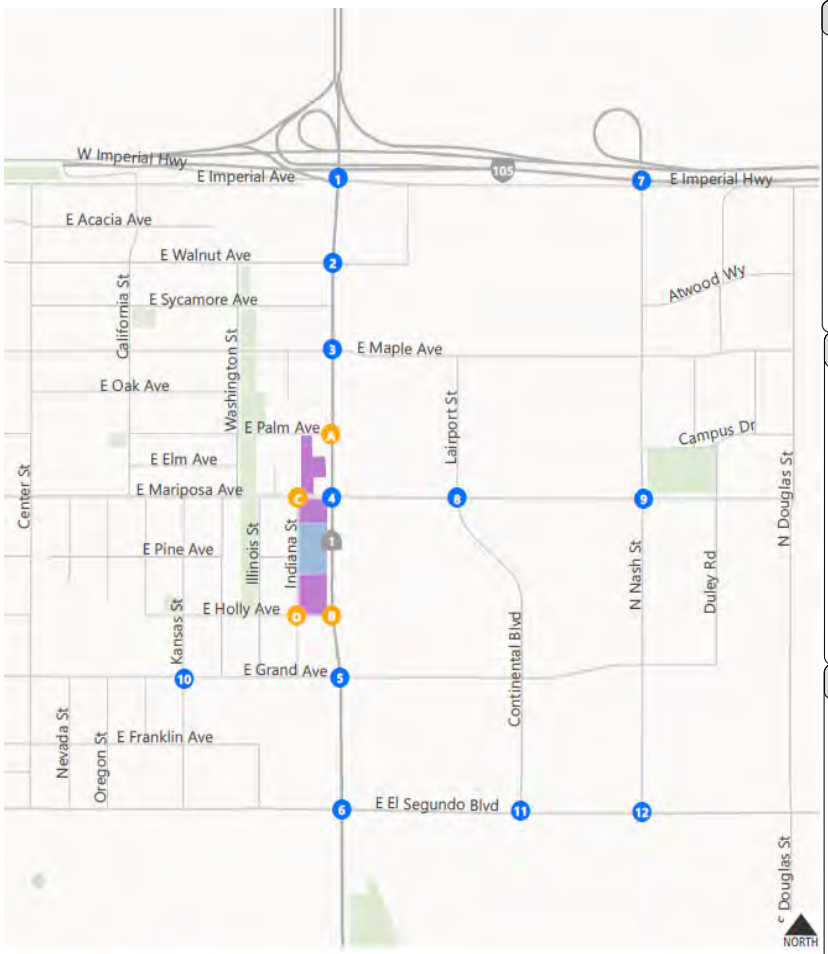


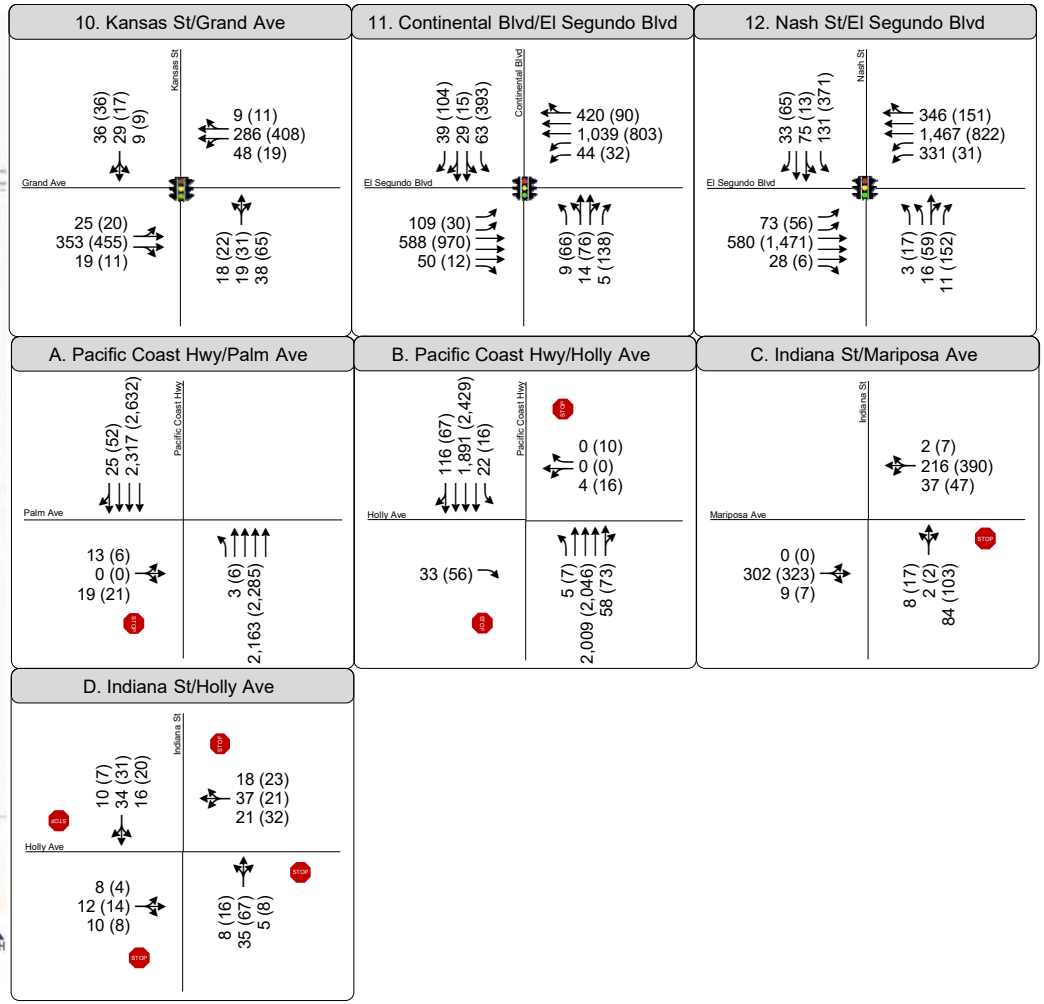
*De facto right turn

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Appendix A

Peak Hour Traffic Volumes and Lane Configurations
Existing + Project (2019) Conditions



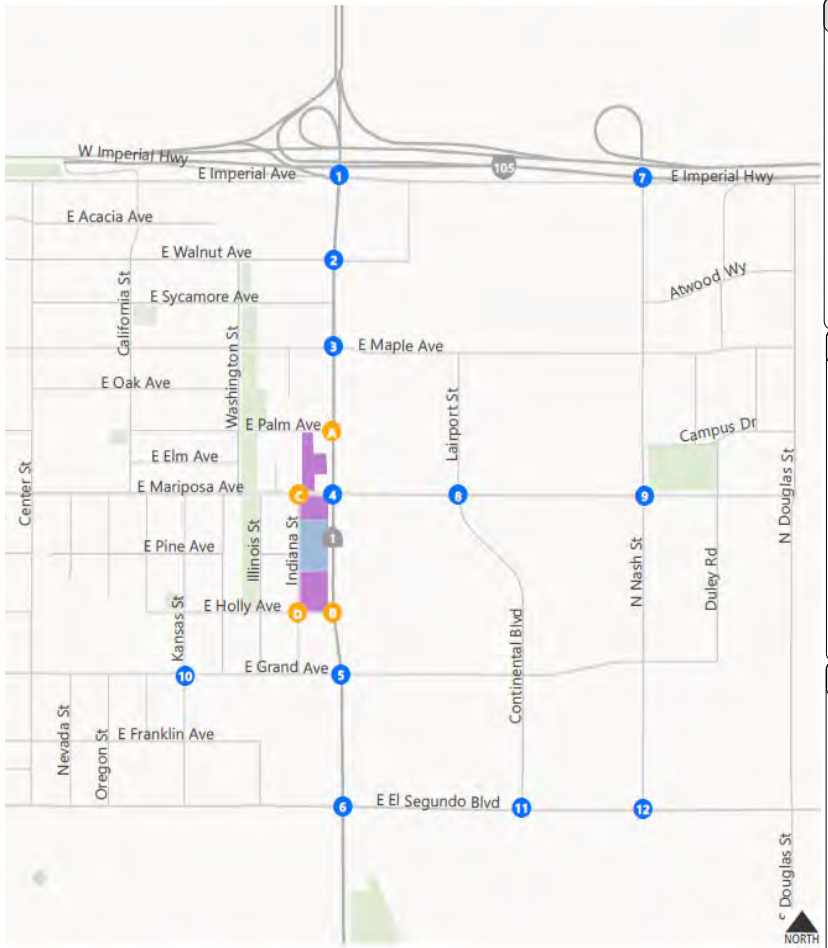


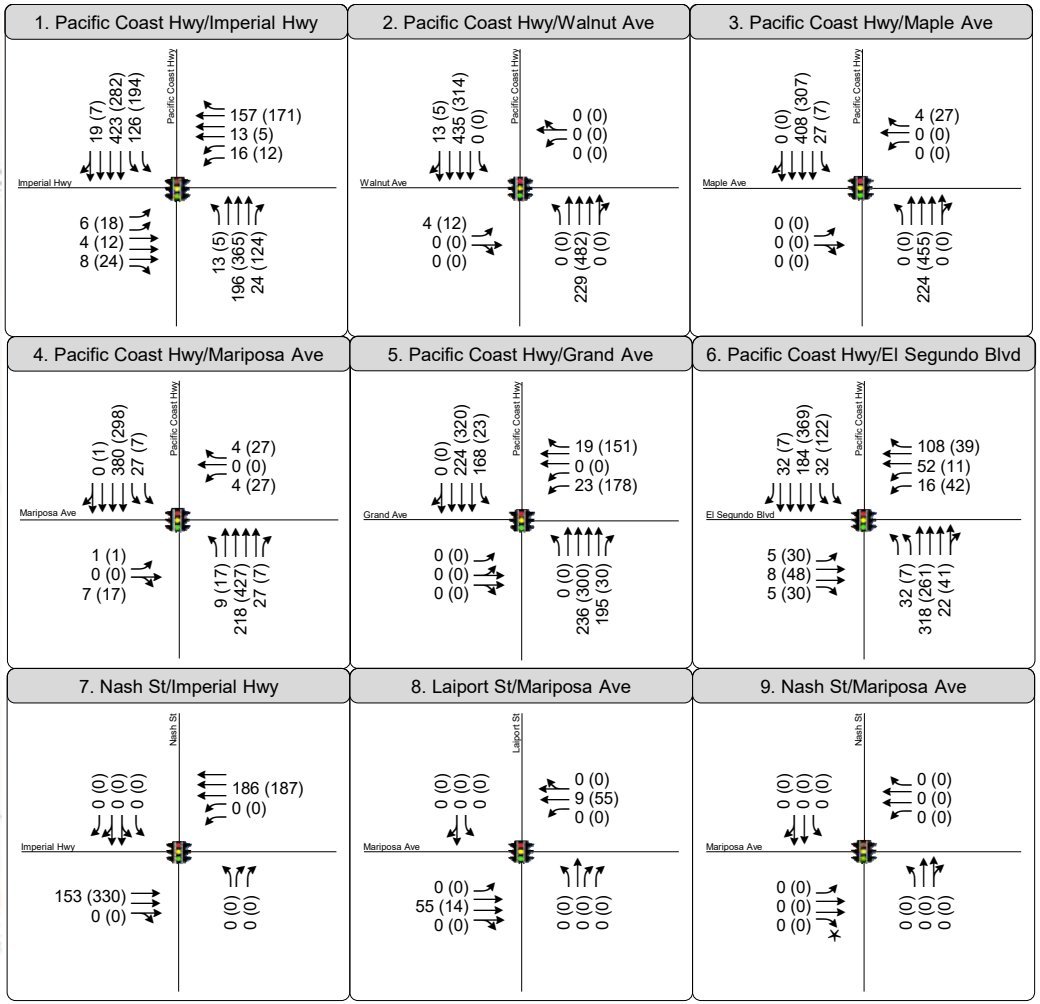
*De facto right turn

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Appendix A

Peak Hour Traffic Volumes and Lane Configurations
Existing + Project (2019) Conditions



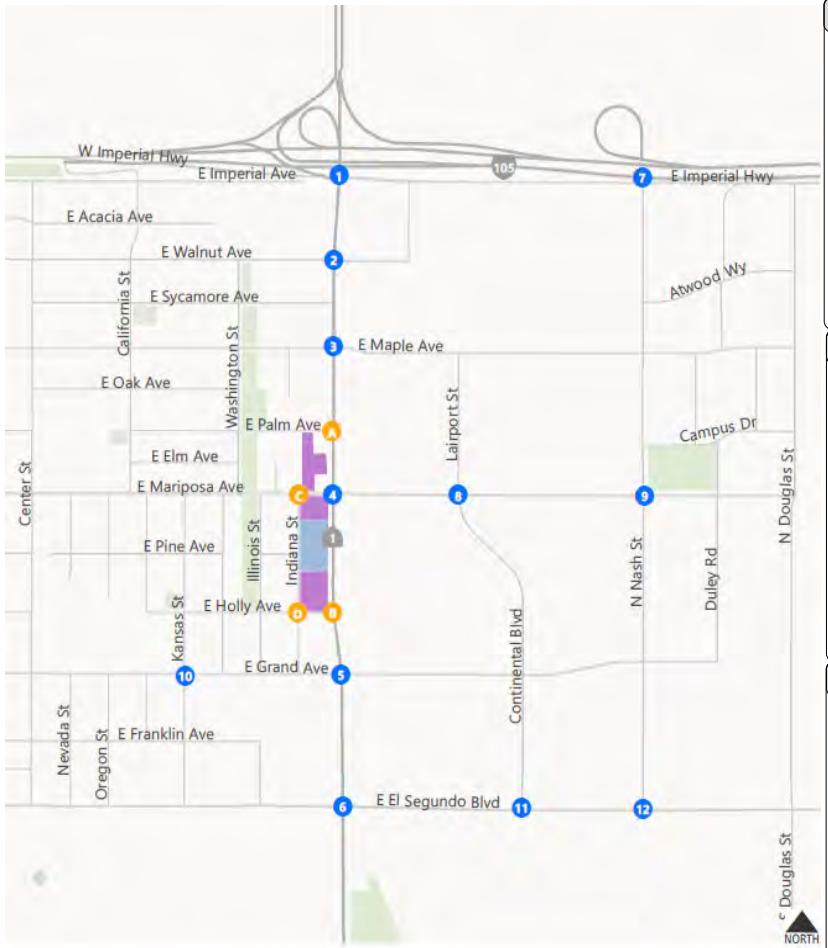


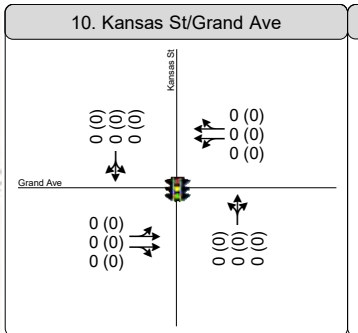
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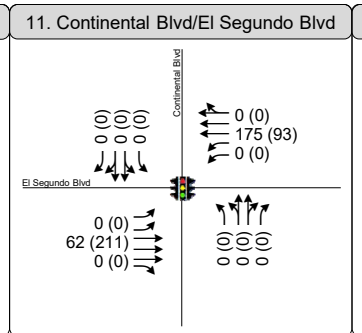
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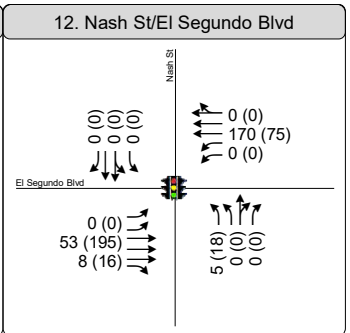
Peak Hour Traffic Volumes and Lane Configurations

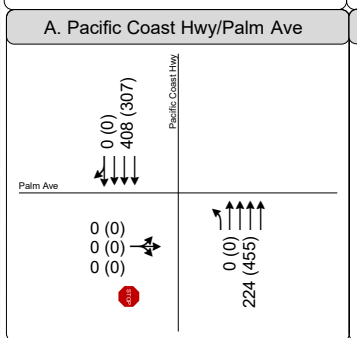
Related Projects

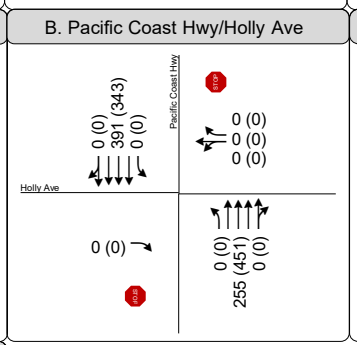


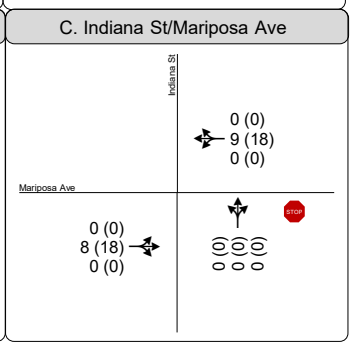


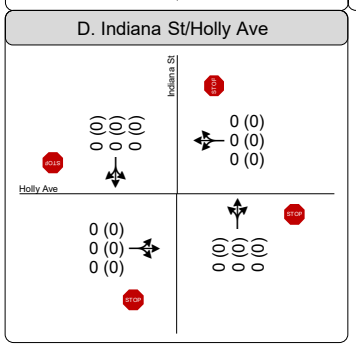






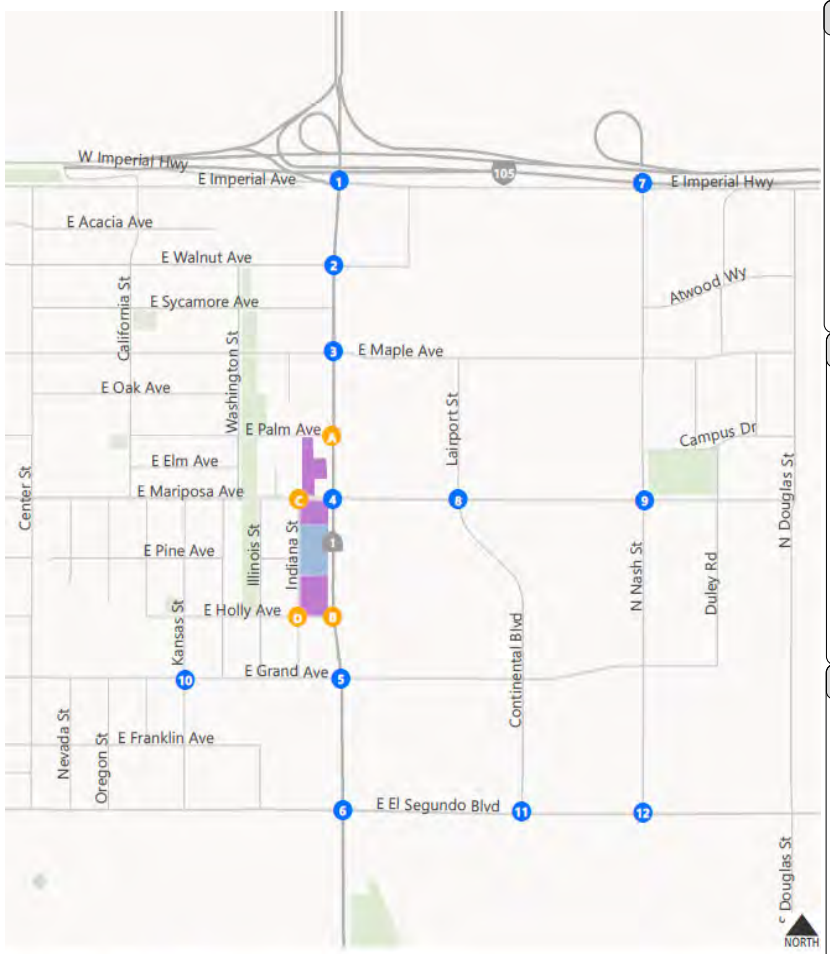






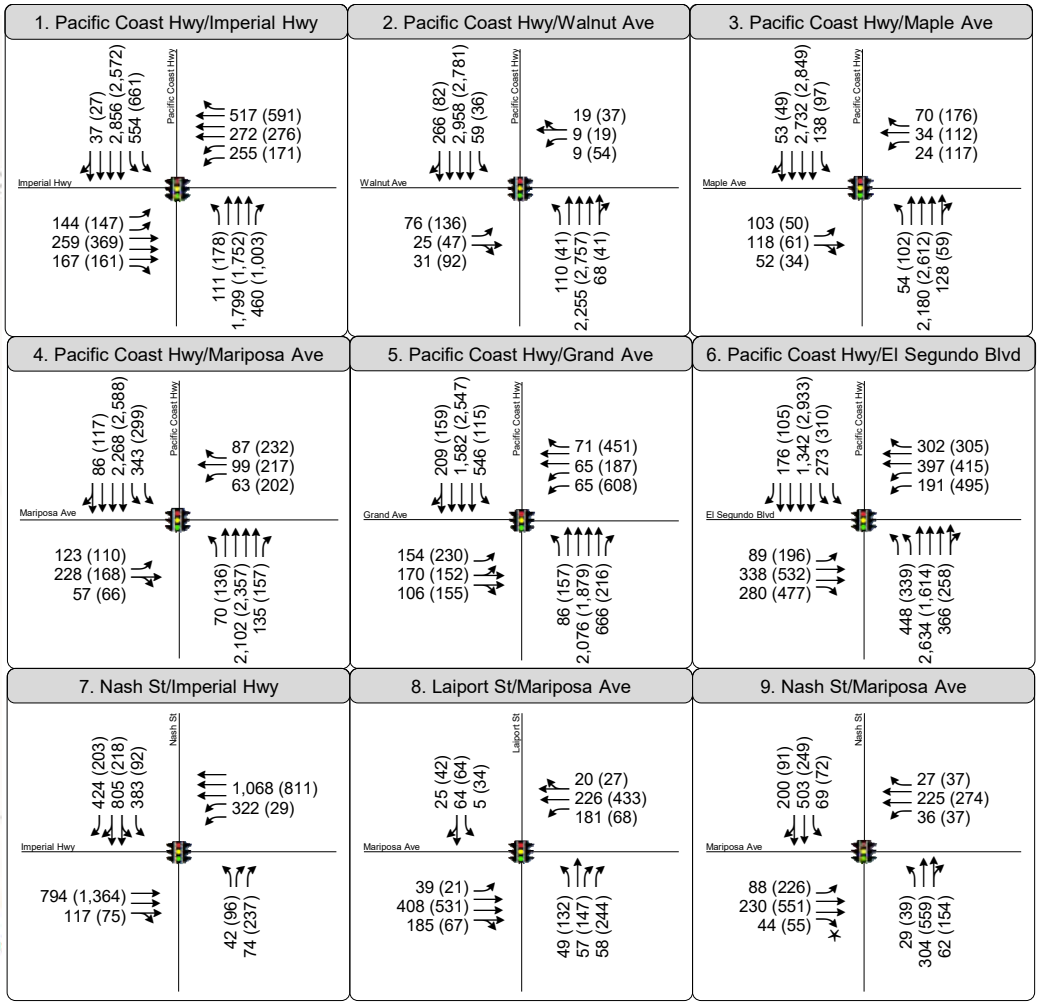
*De facto right turn

Appendix A
Peak Hour Traffic Volumes and Lane Configurations
Related Projects



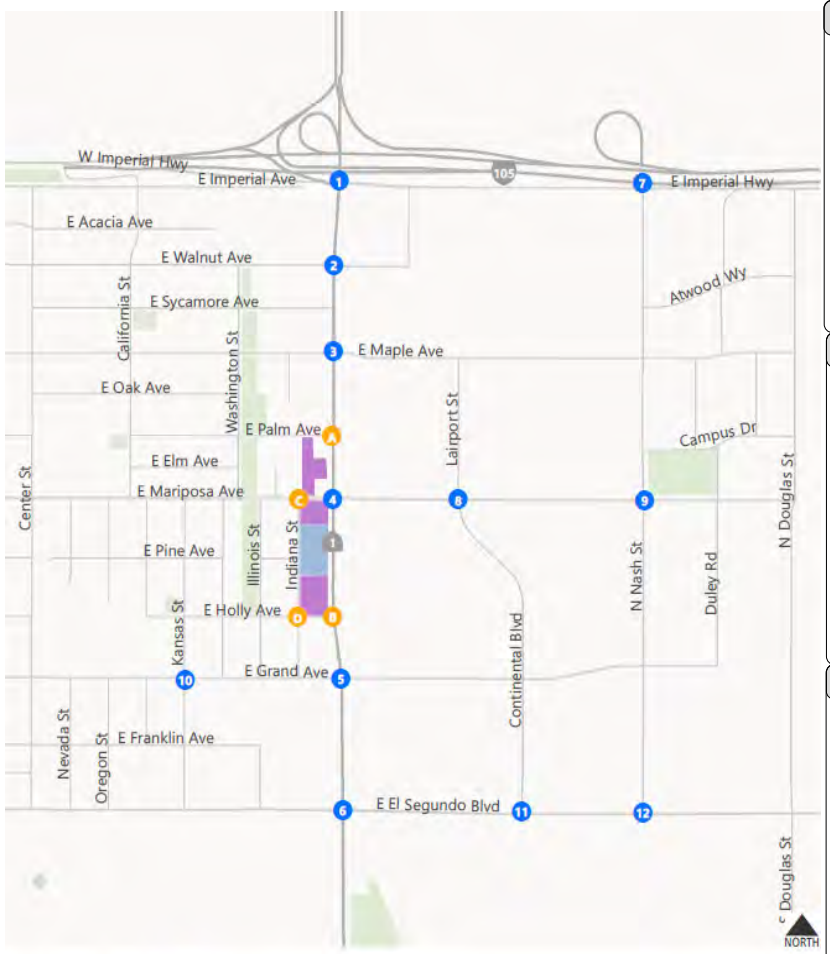
Study Intersections
- Signalized
- Unsignalized

- Project Site
- Existing Hotels



*De facto right turn

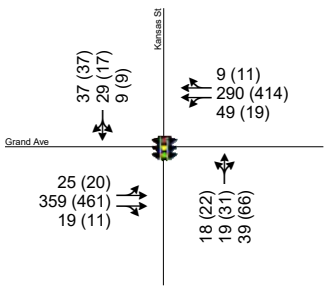
Appendix A
Peak Hour Traffic Volumes and Lane Configurations
Future (2027) Conditions



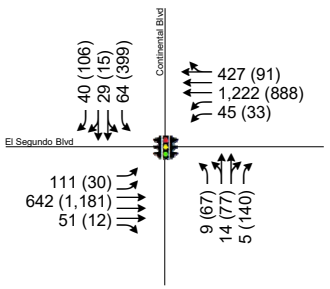
Study Intersections
- Signalized
- Unsignalized

Project Site
Existing Hotels

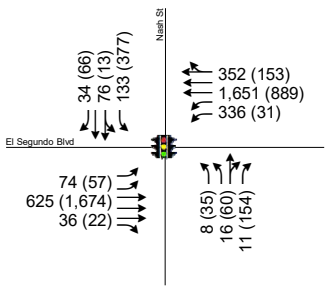
10. Kansas St/Grand Ave



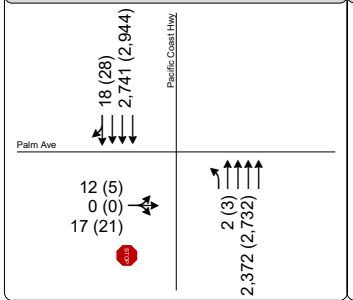
11. Continental Blvd/El Segundo Blvd



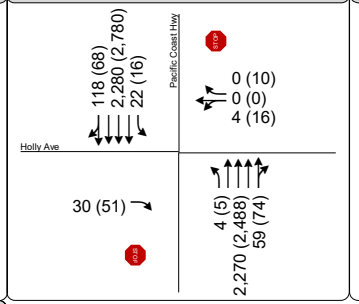
12. Nash St/El Segundo Blvd



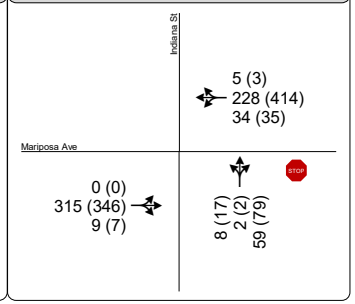
A. Pacific Coast Hwy/Palm Ave



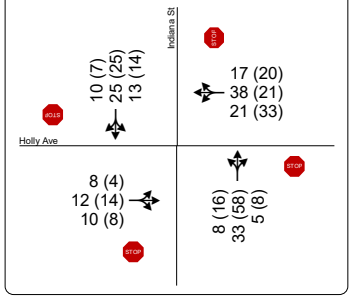
B. Pacific Coast Hwy/Holly Ave



C. Indiana St/Mariposa Ave

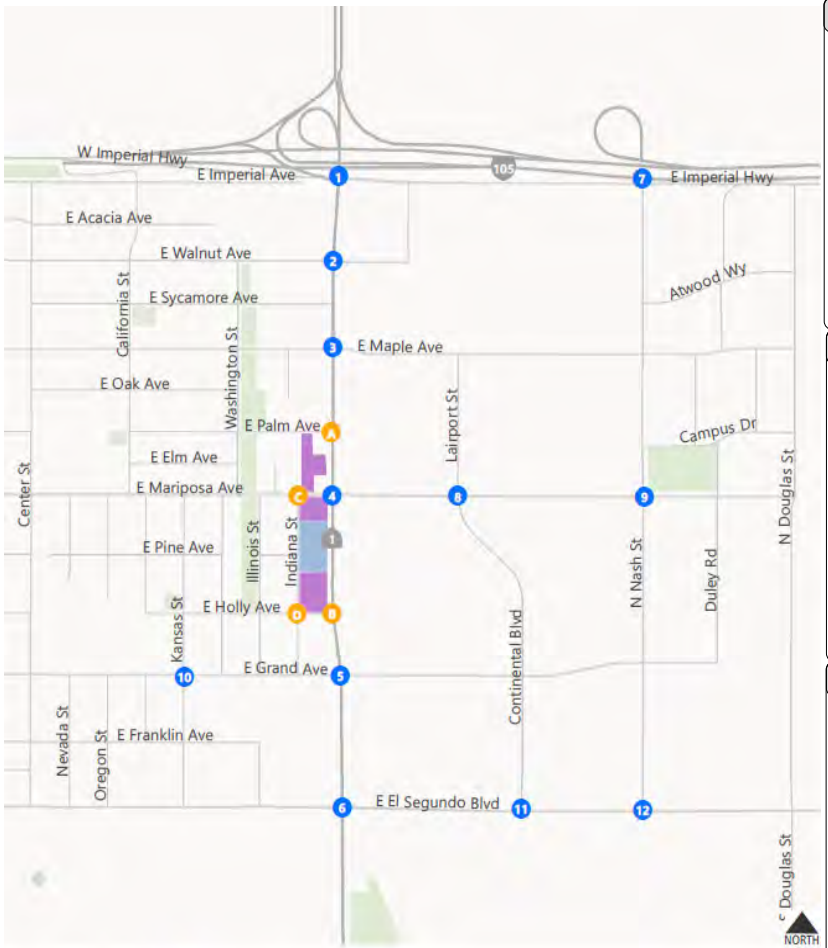


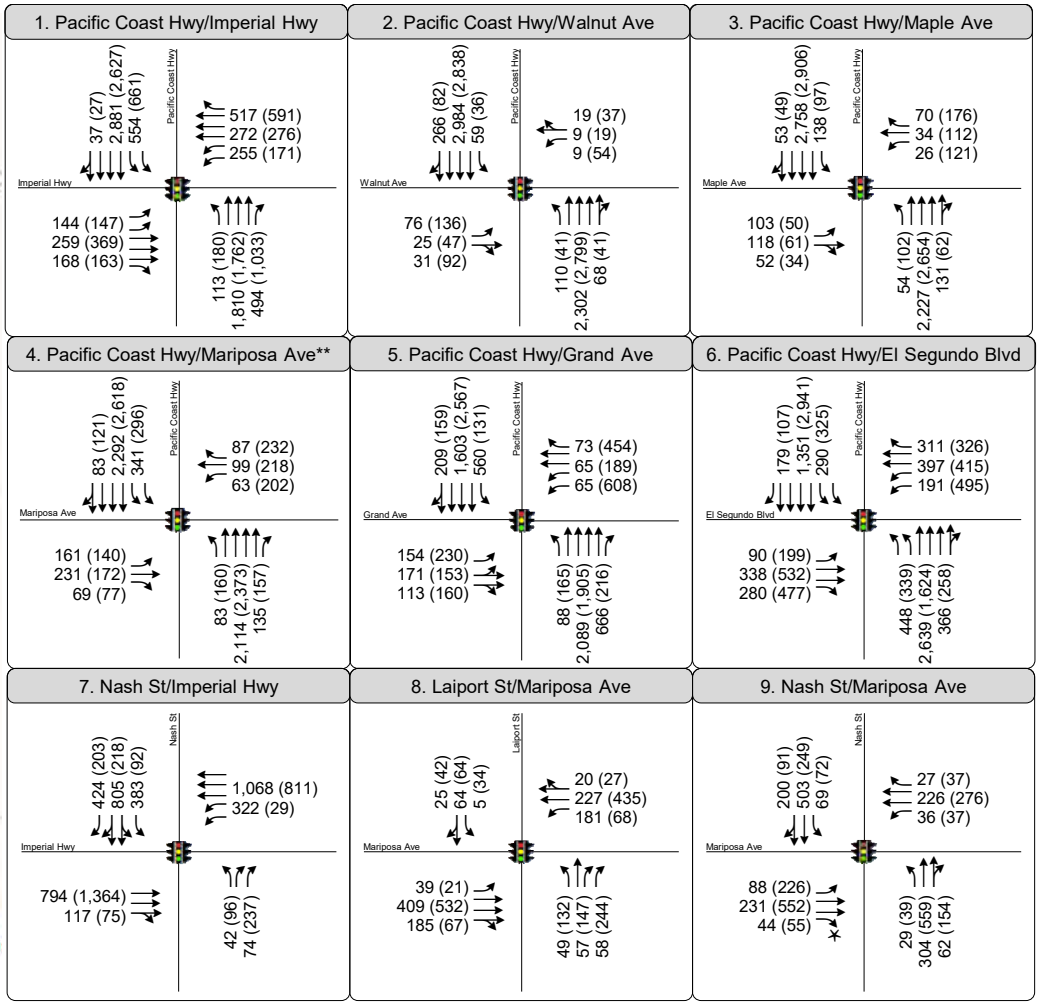
D. Indiana St/Holly Ave



*De facto right turn

Appendix A
Peak Hour Traffic Volumes and Lane Configurations
Future (2027) Conditions



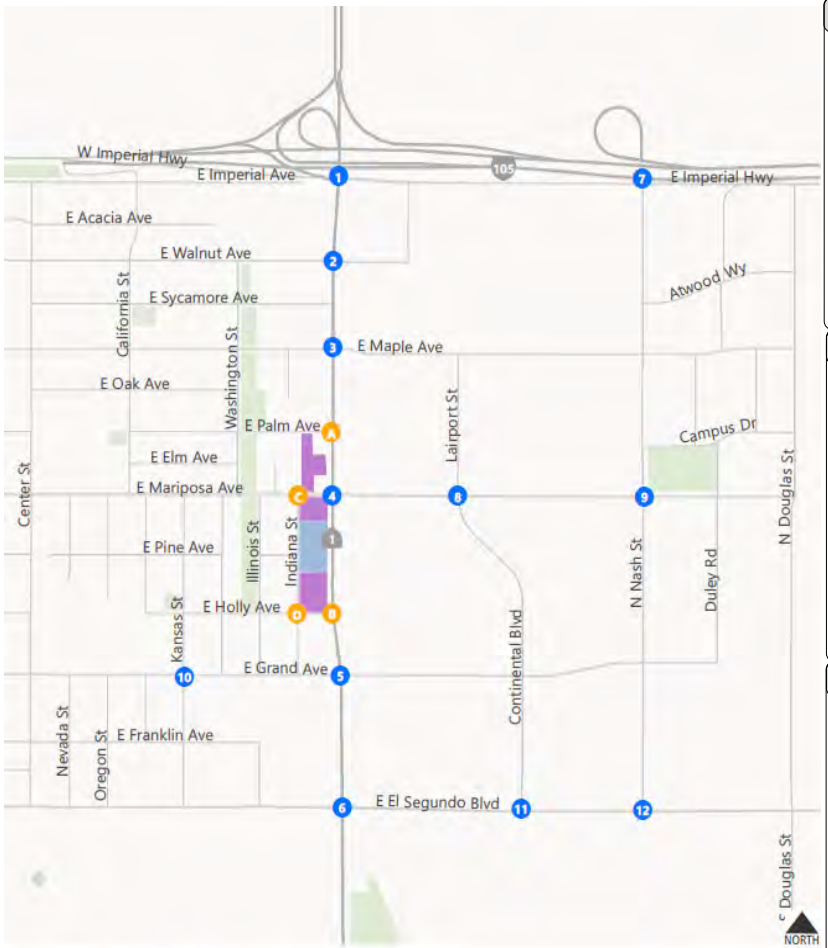


*De facto right turn

**As part of the project, the eastbound leg of Mariposa Avenue at Pacific Coast Highway (Intersection 4) will be reconfigured from one left lane and one through-right lane to one left, one through, and one right turn lane.

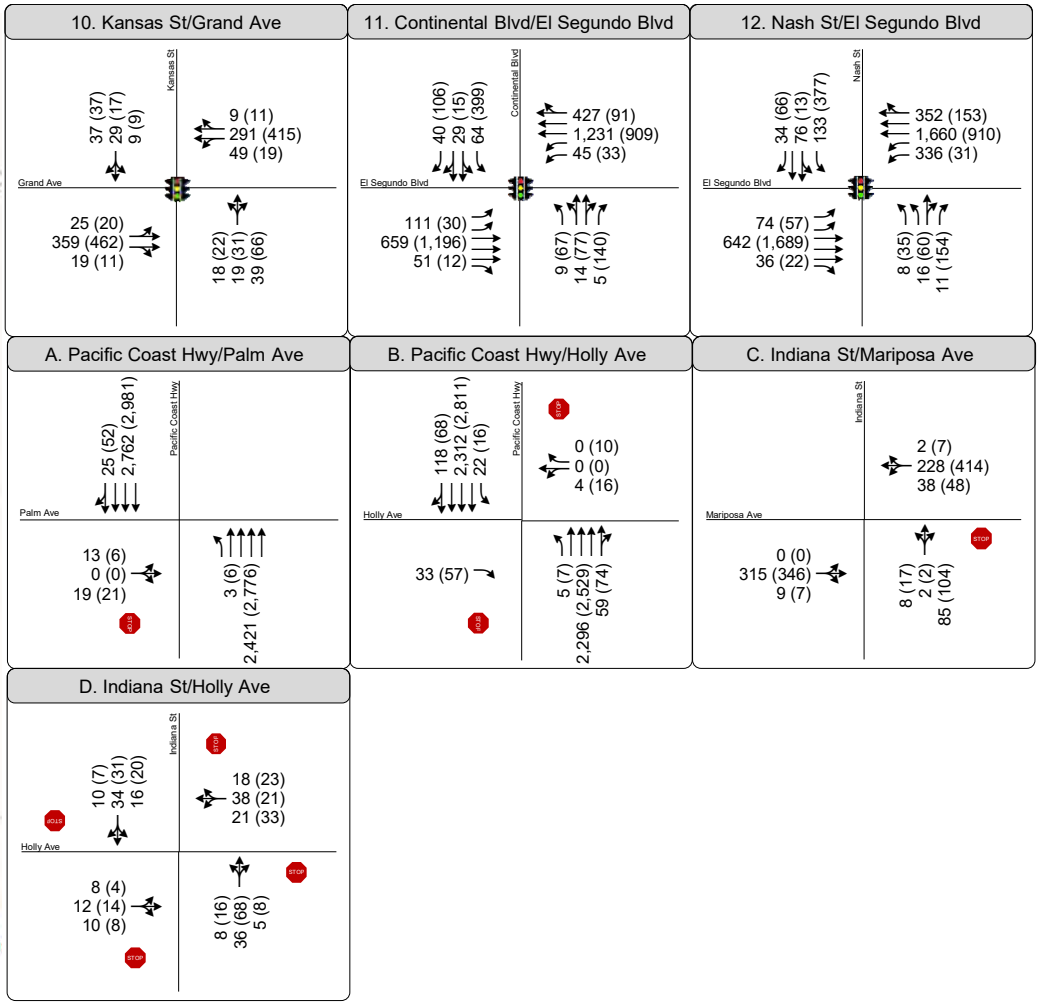
Appendix A

Peak Hour Traffic Volumes and Lane Configurations
Future + Project (2027) Conditions



Study Intersections
- Signalized
- Unsignalized

Project Site
Existing Hotels



*De facto right turn

**As part of the project, the eastbound leg of Mariposa Avenue at Pacific Coast Highway (Intersection 4) will be reconfigured from one left lane and one through-right lane to one left, one through, and one right turn lane.

Appendix A

Peak Hour Traffic Volumes and Lane Configurations
Future + Project (2027) Conditions

APPENDIX B:
COUNT SHEETS

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sepulveda Blvd & Imperial Hwy
City: El Segundo
Control: Signalized

Project ID: 19-05278-001
Date: 5/9/2019

Total

NS/EW Streets:	Sepulveda Blvd				Sepulveda Blvd				Imperial Hwy				Imperial Hwy				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	3	1	0	2	4	0	0	2	3	1	0	2	3	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	19	422	110	0	70	328	1	2	34	48	26	0	50	48	80	4	1242
7:15 AM	14	399	122	0	65	365	4	1	24	64	51	0	58	59	93	3	1322
7:30 AM	12	361	104	3	100	539	4	2	36	56	39	0	42	76	89	1	1464
7:45 AM	22	372	98	0	111	564	3	1	51	90	34	1	70	59	84	2	1562
8:00 AM	20	378	122	1	95	604	4	0	40	69	35	0	65	68	57	4	1562
8:15 AM	30	442	104	1	113	604	5	3	32	50	34	0	51	67	93	3	1632
8:30 AM	16	352	110	1	108	579	1	2	33	80	45	0	48	56	109	5	1545
8:45 AM	25	406	93	2	100	607	8	0	31	52	42	0	58	64	95	1	1584
9:00 AM	14	334	124	0	111	634	6	0	25	71	26	0	51	57	86	2	1541
9:15 AM	32	284	123	2	83	477	8	0	25	54	34	0	52	61	56	5	1296
9:30 AM	29	303	120	2	69	476	5	0	25	50	30	0	48	59	57	2	1275
9:45 AM	29	260	132	0	73	434	7	2	21	41	35	1	62	90	107	5	1299
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	262	4313	1362	12	1098	6211	56	13	377	725	431	2	655	764	1006	37	17324
APPROACH %'s :	4.40%	72.50%	22.89%	0.20%	14.88%	84.18%	0.76%	0.18%	24.56%	47.23%	28.08%	0.13%	26.60%	31.03%	40.86%	1.50%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	91	1578	429	5	416	2394	18	5	136	251	156	0	222	255	354	13	6323
PEAK HR FACTOR :	0.758	0.893	0.879	0.625	0.920	0.986	0.563	0.417	0.850	0.784	0.867	0.000	0.854	0.938	0.812	0.650	0.969
	0.911				0.977				0.859				0.968				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	3	1	0	2	4	0	0	2	3	1	0	2	3	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	33	335	230	1	119	508	5	0	27	89	34	1	34	44	86	0	1546
4:15 PM	44	331	215	2	91	501	4	2	36	101	27	0	39	57	108	1	1559
4:30 PM	28	346	224	1	102	522	4	0	36	99	40	0	34	60	84	1	1581
4:45 PM	40	314	196	1	128	570	7	0	32	89	33	0	25	59	109	0	1603
5:00 PM	47	333	238	1	103	561	2	3	28	98	28	1	42	61	80	0	1626
5:15 PM	41	352	247	3	118	566	3	2	43	107	40	0	45	85	117	1	1770
5:30 PM	37	366	184	0	105	557	8	1	24	54	34	2	41	62	107	2	1584
5:45 PM	50	355	167	1	109	569	1	0	45	77	37	1	33	58	98	0	1601
6:00 PM	38	346	209	1	115	538	2	2	37	75	50	1	22	76	100	0	1612
6:15 PM	31	324	258	0	102	586	3	1	36	60	27	0	24	36	92	1	1581
6:30 PM	33	301	215	1	64	568	5	0	32	76	32	0	26	49	69	0	1471
6:45 PM	37	261	211	0	89	481	5	4	32	55	38	0	24	48	65	0	1350
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	459	3964	2594	12	1245	6527	49	15	408	980	420	6	389	695	1115	6	18884
APPROACH %'s :	6.53%	56.39%	36.90%	0.17%	15.89%	83.30%	0.63%	0.19%	22.49%	54.02%	23.15%	0.33%	17.64%	31.52%	50.57%	0.27%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	165	1365	865	5	454	2254	20	6	127	348	135	3	153	267	413	3	6583
PEAK HR FACTOR :	0.878	0.932	0.876	0.417	0.887	0.989	0.625	0.500	0.738	0.813	0.844	0.375	0.850	0.785	0.882	0.375	0.930
	0.933				0.970				0.807				0.843				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sepulveda Blvd & Walnut Ave
City: El Segundo
Control: Signalized

Project ID: 19-05278-002
Date: 5/9/2019

Total

NS/EW Streets:	Sepulveda Blvd				Sepulveda Blvd				Walnut Ave				Walnut Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	4	0	0	1	4	0	0	1	0.5	0.5	0	1	0.5	0.5	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	15	515	7	1	5	359	46	9	12	1	4	0	2	5	12	0	993
7:15 AM	15	514	24	3	1	405	36	8	11	3	3	0	2	3	5	0	1033
7:30 AM	20	439	9	4	12	525	56	7	10	2	4	0	5	2	15	0	1110
7:45 AM	22	468	17	2	8	589	43	6	20	3	9	0	8	3	7	0	1205
8:00 AM	32	526	20	0	12	651	60	1	16	3	6	0	2	3	4	0	1336
8:15 AM	17	518	20	0	10	612	49	6	19	9	5	0	4	1	6	0	1276
8:30 AM	26	459	12	1	6	575	59	7	21	6	9	0	3	3	3	0	1190
8:45 AM	31	491	15	1	11	645	81	5	15	7	11	0	0	2	6	0	1321
9:00 AM	19	424	12	0	15	597	70	5	18	4	7	0	5	7	8	0	1191
9:15 AM	21	425	10	1	10	484	68	8	23	1	9	0	1	2	2	0	1065
9:30 AM	16	427	8	0	1	474	46	7	18	2	2	0	0	5	1	0	1007
9:45 AM	19	411	12	0	6	426	64	4	8	9	6	0	2	2	7	0	976
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	253	5617	166	13	97	6342	678	73	191	50	75	0	34	38	76	0	13703
APPROACH %'s :	4.18%	92.86%	2.74%	0.21%	1.35%	88.21%	9.43%	1.02%	60.44%	15.82%	23.73%	0.00%	22.97%	25.68%	51.35%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	106	1994	67	2	39	2483	249	19	71	25	31	0	9	9	19	0	5123
PEAK HR FACTOR :	0.828	0.948	0.838	0.500	0.813	0.954	0.769	0.679	0.845	0.694	0.705	0.000	0.563	0.750	0.792	0.000	0.959
	0.938				0.940				0.882				0.841				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	4	0	0	1	4	0	0	1	0.5	0.5	0	1	0.5	0.5	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	18	552	6	4	1	515	12	3	44	6	27	0	10	1	7	0	1206
4:15 PM	3	548	3	2	0	497	13	3	28	5	20	0	7	2	6	0	1137
4:30 PM	4	540	7	1	5	499	17	4	37	11	19	0	11	5	9	0	1169
4:45 PM	10	520	11	1	1	632	12	8	21	6	16	0	14	3	11	0	1266
5:00 PM	5	555	11	4	3	583	22	7	39	17	25	0	14	3	7	0	1295
5:15 PM	12	604	7	0	3	616	20	6	35	13	27	0	18	4	9	0	1374
5:30 PM	4	560	11	4	6	597	22	1	27	10	23	0	7	9	9	0	1290
5:45 PM	6	522	12	1	2	583	15	6	28	23	12	0	14	3	5	0	1232
6:00 PM	10	529	7	2	6	607	21	3	58	10	21	0	11	0	9	0	1294
6:15 PM	13	558	3	1	3	637	15	7	35	11	14	0	17	2	9	0	1325
6:30 PM	7	507	2	0	0	659	13	5	36	8	27	0	3	1	6	0	1274
6:45 PM	3	460	2	3	1	555	7	10	22	4	16	0	5	1	7	0	1096
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	95	6455	82	23	31	6980	189	63	410	124	247	0	131	34	94	0	14958
APPROACH %'s :	1.43%	96.99%	1.23%	0.35%	0.43%	96.10%	2.60%	0.87%	52.50%	15.88%	31.63%	0.00%	50.58%	13.13%	36.29%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	31	2239	40	9	13	2428	76	22	122	46	91	0	53	19	36	0	5225
PEAK HR FACTOR :	0.646	0.927	0.909	0.563	0.542	0.960	0.864	0.688	0.782	0.676	0.843	0.000	0.736	0.528	0.818	0.000	0.951
	0.931				0.972				0.799				0.871				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sepulveda Blvd & Maple Ave
City: El Segundo
Control: Signalized

Project ID: 19-05278-003
Date: 5/9/2019

Total

NS/EW Streets:	Sepulveda Blvd				Sepulveda Blvd				Maple Ave				Maple Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	4	0	0	1	4	0	0	1	0.5	0.5	0	1	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	4	511	30	3	15	326	7	1	21	24	7	0	3	5	15	0	972
7:15 AM	14	487	30	3	15	384	15	3	14	14	10	0	4	5	16	0	1014
7:30 AM	4	481	37	3	13	518	6	0	17	23	10	0	6	7	21	0	1146
7:45 AM	5	453	29	3	24	603	8	1	20	26	10	0	7	3	13	0	1205
8:00 AM	7	519	48	6	26	576	19	2	29	36	14	0	4	10	18	1	1315
8:15 AM	9	481	31	7	26	575	10	2	28	28	9	0	5	6	15	0	1232
8:30 AM	7	432	25	5	25	551	12	1	20	30	13	0	6	7	21	0	1155
8:45 AM	7	493	22	5	23	585	11	4	24	22	15	0	8	10	11	0	1240
9:00 AM	5	463	23	3	25	565	5	3	17	16	17	0	7	7	28	0	1184
9:15 AM	5	465	24	7	18	456	7	3	18	13	9	0	5	7	20	0	1057
9:30 AM	10	372	16	4	22	429	7	3	24	9	15	0	7	7	20	0	945
9:45 AM	6	346	20	8	20	370	11	2	24	8	9	0	6	15	13	0	858
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	83	5503	335	57	252	5938	118	25	256	249	138	0	68	89	211	1	13323
APPROACH %'s :	1.39%	92.05%	5.60%	0.95%	3.98%	93.76%	1.86%	0.39%	39.81%	38.72%	21.46%	0.00%	18.43%	24.12%	57.18%	0.27%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	30	1925	126	23	100	2287	52	9	101	116	51	0	23	33	65	1	4942
PEAK HR FACTOR :	0.833	0.927	0.656	0.821	0.962	0.977	0.684	0.563	0.871	0.806	0.850	0.000	0.719	0.825	0.774	0.250	0.940
	0.907				0.982				0.848				0.897				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	4	0	0	1	4	0	0	1	0.5	0.5	0	1	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	13	495	7	9	13	548	6	1	21	20	13	0	24	22	24	0	1216
4:15 PM	11	513	10	3	14	524	11	2	18	17	10	0	29	18	30	0	1210
4:30 PM	19	472	5	1	25	535	9	5	15	14	14	0	36	21	36	0	1207
4:45 PM	15	481	9	6	15	637	11	1	18	11	8	0	21	18	29	0	1280
5:00 PM	12	587	16	3	26	609	14	2	11	17	5	0	22	24	31	0	1379
5:15 PM	10	577	10	8	14	647	11	3	15	14	7	0	35	38	47	0	1436
5:30 PM	28	449	18	4	21	606	15	2	13	15	12	0	29	21	37	0	1270
5:45 PM	33	510	14	2	18	640	8	3	10	14	9	0	29	27	32	0	1349
6:00 PM	14	530	5	3	16	625	9	2	17	7	10	0	29	16	28	0	1311
6:15 PM	18	513	14	1	13	644	6	0	17	10	8	0	20	28	25	0	1317
6:30 PM	18	455	8	5	4	640	10	0	23	14	14	0	26	18	21	0	1256
6:45 PM	12	418	2	3	16	584	10	0	18	6	8	0	12	14	17	0	1120
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	203	6000	118	48	195	7239	120	21	196	159	118	0	312	265	357	0	15351
APPROACH %'s :	3.19%	94.21%	1.85%	0.75%	2.57%	95.56%	1.58%	0.28%	41.44%	33.62%	24.95%	0.00%	33.40%	28.37%	38.22%	0.00%	
PEAK HR :	05:00 PM - 06:00 PM																TOTAL
PEAK HR VOL :	83	2123	58	17	79	2502	48	10	49	60	33	0	115	110	147	0	5434
PEAK HR FACTOR :	0.629	0.904	0.806	0.531	0.760	0.967	0.800	0.833	0.817	0.882	0.688	0.000	0.821	0.724	0.782	0.000	0.946
	0.923				0.977				0.888				0.775				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sepulveda Blvd & E Mariposa Ave
City: El Segundo
Control: Signalized

Project ID: 19-05278-004
Date: 5/9/2019

Total

NS/EW Streets:	Sepulveda Blvd				Sepulveda Blvd				E Mariposa Ave				E Mariposa Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	4	1	0	2	4	0	0	1	0.5	0.5	0	1	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	5	486	12	5	52	248	18	4	20	18	3	0	10	13	23	0	917
7:15 AM	16	519	19	3	43	349	29	7	11	31	10	0	12	28	13	0	1090
7:30 AM	17	467	22	4	69	415	24	4	28	47	14	0	14	28	15	0	1168
7:45 AM	4	417	24	8	88	465	24	7	39	71	14	0	14	19	19	0	1213
8:00 AM	8	498	28	3	71	498	20	6	33	47	9	0	10	31	22	0	1284
8:15 AM	14	472	32	2	62	480	17	4	20	59	12	0	20	19	26	0	1239
8:30 AM	7	437	21	8	74	444	14	11	24	35	7	0	23	17	33	0	1155
8:45 AM	6	446	26	9	73	487	18	5	26	32	14	0	16	24	27	0	1209
9:00 AM	11	426	25	9	71	465	15	7	21	44	13	0	21	13	18	0	1159
9:15 AM	1	408	17	3	71	375	11	9	28	47	10	0	28	16	15	0	1039
9:30 AM	11	369	33	6	53	363	13	12	18	35	10	0	23	20	8	0	974
9:45 AM	12	331	17	5	32	359	11	10	16	34	12	0	26	26	28	0	919
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	112	5276	276	65	759	4948	214	86	284	500	128	0	217	254	247	0	13366
APPROACH %'s :	1.95%	92.09%	4.82%	1.13%	12.64%	82.37%	3.56%	1.43%	31.14%	54.82%	14.04%	0.00%	30.22%	35.38%	34.40%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	43	1854	106	17	290	1858	85	21	120	224	49	0	58	97	82	0	4904
PEAK HR FACTOR :	0.632	0.931	0.828	0.531	0.824	0.933	0.885	0.750	0.769	0.789	0.875	0.000	0.725	0.782	0.788	0.000	0.955
	0.940				0.947				0.792				0.912				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	4	1	0	2	4	0	0	1	0.5	0.5	0	1	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	21	501	22	8	39	527	16	22	27	55	13	0	48	46	48	0	1393
4:15 PM	14	428	21	8	31	531	36	11	33	40	7	0	43	59	46	0	1308
4:30 PM	29	404	44	4	65	528	27	13	28	52	16	0	45	61	43	0	1359
4:45 PM	23	389	31	9	54	515	23	15	34	48	12	0	53	62	54	0	1322
5:00 PM	22	469	42	7	47	515	19	14	29	59	7	0	40	42	52	0	1364
5:15 PM	23	581	45	7	61	589	22	21	32	50	11	0	33	50	51	0	1576
5:30 PM	18	420	34	11	57	553	30	22	24	37	9	0	48	51	59	0	1373
5:45 PM	19	414	38	8	55	578	26	15	20	34	14	0	49	66	40	0	1376
6:00 PM	23	484	31	8	43	534	36	13	31	44	14	0	42	47	52	0	1402
6:15 PM	16	458	25	8	47	647	20	13	26	36	18	0	38	38	33	0	1423
6:30 PM	17	410	24	3	41	496	26	19	31	24	11	0	34	37	42	0	1215
6:45 PM	20	359	21	3	28	511	13	14	19	36	20	0	25	37	43	0	1149
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	245	5317	378	84	568	6524	294	192	334	515	152	0	498	596	563	0	16260
APPROACH %'s :	4.07%	88.26%	6.27%	1.39%	7.50%	86.09%	3.88%	2.53%	33.37%	51.45%	15.18%	0.00%	30.05%	35.97%	33.98%	0.00%	
PEAK HR :	05:15 PM - 06:15 PM																TOTAL
PEAK HR VOL :	83	1899	148	34	216	2254	114	71	107	165	48	0	172	214	202	0	5727
PEAK HR FACTOR :	0.902	0.817	0.822	0.773	0.885	0.957	0.792	0.807	0.836	0.825	0.857	0.000	0.878	0.811	0.856	0.000	0.908
	0.825				0.958				0.860				0.930				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sepulveda Blvd & Grand Ave
City: El Segundo
Control: Signalized

Project ID: 19-05278-005
Date: 5/9/2019

Total

NS/EW Streets:	Sepulveda Blvd				Sepulveda Blvd				Grand Ave				Grand Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	4	1	0	1	4	0	0	1.5	1.5	0	0	2	2	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	20	520	58	3	39	209	24	3	17	21	17	0	9	13	9	0	962
7:15 AM	18	493	67	3	56	267	45	8	17	22	8	0	21	11	7	0	1043
7:30 AM	26	459	80	2	59	283	36	9	27	34	23	0	17	15	7	0	1077
7:45 AM	26	448	118	2	73	340	70	7	33	51	31	0	7	17	14	0	1237
8:00 AM	9	444	93	2	79	359	51	6	53	50	17	0	9	15	16	0	1203
8:15 AM	18	465	136	2	89	318	41	6	31	32	24	0	13	16	11	0	1202
8:30 AM	22	454	117	4	107	319	44	5	35	34	32	0	12	16	10	0	1211
8:45 AM	24	409	116	3	90	355	47	11	44	50	24	0	15	22	13	0	1223
9:00 AM	25	426	107	5	85	307	48	5	31	33	24	0	8	18	14	0	1136
9:15 AM	30	442	78	8	67	314	40	4	34	29	19	0	9	9	14	0	1097
9:30 AM	16	325	61	5	50	298	37	1	29	21	24	0	9	7	21	0	904
9:45 AM	19	337	62	13	27	279	37	3	33	21	27	0	12	18	15	0	903
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	253	5222	1093	52	821	3648	520	68	384	398	270	0	141	177	151	0	13198
APPROACH %'s :	3.82%	78.88%	16.51%	0.79%	16.23%	72.14%	10.28%	1.34%	36.50%	37.83%	25.67%	0.00%	30.06%	37.74%	32.20%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	75	1811	464	10	348	1336	206	24	152	167	104	0	41	64	51	0	4853
PEAK HR FACTOR :	0.721	0.974	0.853	0.625	0.813	0.930	0.736	0.857	0.717	0.819	0.813	0.000	0.788	0.941	0.797	0.000	0.981
	0.950				0.967				0.881				0.975				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	4	1	0	1	4	0	0	1.5	1.5	0	0	2	2	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	23	368	30	10	16	506	31	6	65	33	56	0	58	31	38	0	1271
4:15 PM	26	403	30	14	12	531	42	6	46	21	25	0	63	27	32	0	1278
4:30 PM	25	371	44	9	17	524	33	12	51	54	51	0	72	31	59	0	1353
4:45 PM	23	349	37	14	16	533	44	6	59	32	37	0	65	42	50	0	1307
5:00 PM	26	403	47	10	4	516	35	6	50	38	35	0	126	39	80	0	1415
5:15 PM	35	431	37	10	13	551	38	12	66	40	39	0	109	61	83	0	1525
5:30 PM	33	338	53	9	22	535	43	10	55	37	38	0	107	43	74	0	1397
5:45 PM	30	382	46	2	15	590	40	9	55	35	41	0	81	41	58	0	1425
6:00 PM	28	405	24	8	8	573	30	8	47	19	34	0	47	17	40	0	1288
6:15 PM	30	441	17	10	5	605	26	9	38	24	17	0	39	19	29	0	1309
6:30 PM	29	375	14	7	4	536	20	6	39	15	30	0	39	24	30	0	1168
6:45 PM	21	389	15	3	8	537	31	7	36	15	27	0	21	12	27	0	1149
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	329	4655	394	106	140	6537	413	97	607	363	430	0	827	387	600	0	15885
APPROACH %'s :	6.00%	84.88%	7.18%	1.93%	1.95%	90.96%	5.75%	1.35%	43.36%	25.93%	30.71%	0.00%	45.59%	21.33%	33.08%	0.00%	
PEAK HR :	05:00 PM - 06:00 PM																TOTAL
PEAK HR VOL :	124	1554	183	31	54	2192	156	37	226	150	153	0	423	184	295	0	5762
PEAK HR FACTOR :	0.886	0.901	0.863	0.775	0.614	0.929	0.907	0.771	0.856	0.938	0.933	0.000	0.839	0.754	0.889	0.000	0.945
	0.922				0.932				0.912				0.891				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sepulveda Blvd & El Segundo Blvd
City: El Segundo
Control: Signalized

Project ID: 19-05278-006
Date: 5/9/2019

Total

NS/EW Streets:	Sepulveda Blvd				Sepulveda Blvd				El Segundo Blvd				El Segundo Blvd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	2	4	0	0	2	4	1	0	1	2	1	0	2	2	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	84	537	49	9	28	156	17	7	27	47	41	0	29	74	36	0	1141
7:15 AM	79	542	82	5	37	210	15	14	19	72	50	0	31	108	57	0	1321
7:30 AM	102	563	92	9	52	280	16	7	21	73	51	0	27	101	54	0	1448
7:45 AM	104	536	94	5	59	263	25	15	30	92	63	0	45	114	47	0	1492
8:00 AM	71	550	88	7	54	280	34	10	21	87	65	0	42	60	40	0	1409
8:15 AM	107	617	106	7	43	297	35	10	25	82	68	0	30	79	38	0	1544
8:30 AM	113	585	60	7	48	255	29	14	15	77	68	0	45	95	50	0	1461
8:45 AM	95	527	85	2	45	308	44	13	22	79	70	0	55	106	63	0	1514
9:00 AM	91	518	65	1	31	297	34	8	19	69	55	0	26	87	41	0	1342
9:15 AM	117	439	57	1	39	243	29	10	28	58	62	0	33	67	28	0	1211
9:30 AM	80	389	64	10	23	266	34	8	22	62	63	0	25	66	42	0	1154
9:45 AM	71	355	62	7	20	277	30	7	22	46	51	0	30	80	34	0	1092
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1114	6158	904	70	479	3132	342	123	271	844	707	0	418	1037	530	0	16129
APPROACH %'s :	13.51%	74.68%	10.96%	0.85%	11.75%	76.84%	8.39%	3.02%	14.87%	46.32%	38.80%	0.00%	21.06%	52.24%	26.70%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	386	2279	339	23	190	1140	142	47	83	325	271	0	172	340	191	0	5928
PEAK HR FACTOR :	0.854	0.923	0.800	0.821	0.880	0.925	0.807	0.839	0.830	0.934	0.968	0.000	0.782	0.802	0.758	0.000	0.960
	0.904				0.926				0.970				0.785				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	2	4	0	0	2	4	1	0	1	2	1	0	2	2	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	70	322	63	0	45	590	16	2	27	132	106	0	91	79	38	0	1581
4:15 PM	82	360	53	4	40	551	25	3	17	94	90	0	92	107	63	0	1581
4:30 PM	73	313	39	9	34	553	19	3	24	176	128	0	94	97	56	0	1618
4:45 PM	90	315	41	6	41	573	23	7	20	94	108	0	78	102	48	0	1546
5:00 PM	67	355	43	11	39	583	24	3	50	169	124	0	109	92	60	0	1729
5:15 PM	73	352	75	7	39	698	26	6	46	117	112	0	112	104	78	0	1845
5:30 PM	87	325	47	9	38	608	27	4	44	89	94	0	118	110	66	0	1666
5:45 PM	71	300	49	2	47	634	19	9	23	101	110	0	107	92	58	0	1622
6:00 PM	66	298	57	4	38	640	23	8	35	73	97	0	109	74	56	0	1578
6:15 PM	66	305	38	7	31	591	20	9	29	86	87	0	126	101	52	0	1548
6:30 PM	74	332	45	9	34	576	13	9	25	84	97	0	86	80	40	0	1504
6:45 PM	77	298	39	4	24	558	19	9	22	72	75	0	98	69	35	0	1399
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	896	3875	589	72	450	7155	254	72	362	1287	1228	0	1220	1107	650	0	19217
APPROACH %'s :	16.49%	71.34%	10.84%	1.33%	5.67%	90.22%	3.20%	0.91%	12.58%	44.73%	42.68%	0.00%	40.98%	37.19%	21.83%	0.00%	
PEAK HR :	05:00 PM - 06:00 PM																TOTAL
PEAK HR VOL :	298	1332	214	29	163	2523	96	22	163	476	440	0	446	398	262	0	6862
PEAK HR FACTOR :	0.856	0.938	0.713	0.659	0.867	0.904	0.889	0.611	0.815	0.704	0.887	0.000	0.945	0.905	0.840	0.000	0.930
	0.924				0.912				0.786				0.940				

National Data & Surveying Services

Intersection Turning Movement Count

Location: N Nash St & Imperial Hwy
City: El Segundo
Control: Signalized

Project ID: 19-05651-002
Date: 10/24/2019

Total

NS/EW Streets:	N Nash St				N Nash St				Imperial Hwy				Imperial Hwy				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	0	2	0	1.5	1	1.5	0	0	3	0	0	0	3	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	7	0	8	0	63	139	105	0	0	95	13	0	24	189	0	1	644
7:15 AM	7	0	7	0	33	128	98	0	0	94	19	0	33	229	0	2	650
7:30 AM	6	0	14	0	64	172	136	0	0	123	24	0	39	232	0	1	811
7:45 AM	10	0	15	0	69	229	122	0	0	129	29	0	62	249	0	1	915
8:00 AM	9	0	9	0	89	210	115	0	0	143	26	0	76	224	0	2	903
8:15 AM	5	0	18	0	70	170	89	0	0	181	21	0	81	240	0	0	875
8:30 AM	10	0	26	0	82	186	96	0	0	164	30	0	68	200	0	0	862
8:45 AM	17	0	20	0	136	226	117	0	0	143	38	0	89	204	0	1	991
9:00 AM	9	0	20	0	113	204	101	0	0	139	29	0	80	194	0	1	890
9:15 AM	9	0	10	0	114	206	76	0	0	116	20	0	54	168	0	0	773
9:30 AM	5	0	10	0	82	134	94	0	0	139	20	0	35	143	0	0	662
9:45 AM	8	0	12	0	94	191	123	0	0	101	23	0	26	136	0	0	714
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	102	0	169	0	1009	2195	1272	0	0	1567	292	0	667	2408	0	9	9690
APPROACH %'s :	37.64%	0.00%	62.36%	0.00%	22.54%	49.04%	28.42%	0.00%	0.00%	84.29%	15.71%	0.00%	21.63%	78.08%	0.00%	0.29%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	41	0	73	0	377	792	417	0	0	631	115	0	314	868	0	3	3631
PEAK HR FACTOR :	0.603	0.000	0.702	0.000	0.693	0.876	0.891	0.000	0.000	0.872	0.757	0.000	0.882	0.904	0.000	0.375	0.916
	0.770				0.828				0.923				0.923				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	0	2	0	1.5	1	1.5	0	0	3	0	0	0	3	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	15	0	50	0	28	60	47	0	0	246	14	0	10	130	0	0	600
4:15 PM	16	0	46	0	29	65	54	0	0	270	23	0	7	125	0	0	635
4:30 PM	20	0	55	0	22	57	57	0	0	271	18	0	11	140	0	0	651
4:45 PM	24	0	50	0	16	52	48	0	0	264	17	0	5	149	0	1	626
5:00 PM	21	0	59	0	24	53	51	0	0	221	20	0	5	163	0	1	618
5:15 PM	29	0	69	0	29	53	44	0	0	262	19	0	6	162	0	0	673
5:30 PM	18	0	44	0	25	47	50	0	0	197	19	0	15	175	0	0	590
5:45 PM	26	0	39	0	20	63	55	0	0	245	13	0	8	143	0	0	612
6:00 PM	19	0	43	0	31	44	31	0	0	237	15	0	10	142	0	1	573
6:15 PM	10	0	26	0	14	43	41	0	0	226	15	1	10	134	0	2	522
6:30 PM	13	0	24	0	16	46	34	0	0	198	14	0	10	137	0	0	492
6:45 PM	12	0	25	0	16	35	34	0	0	162	4	1	5	106	0	2	402
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	223	0	530	0	270	618	546	0	0	2799	191	2	102	1706	0	7	6994
APPROACH %'s :	29.61%	0.00%	70.39%	0.00%	18.83%	43.10%	38.08%	0.00%	0.00%	93.55%	6.38%	0.07%	5.62%	93.99%	0.00%	0.39%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	94	0	233	0	91	215	200	0	0	1018	74	0	27	614	0	2	2568
PEAK HR FACTOR :	0.810	0.000	0.844	0.000	0.784	0.943	0.877	0.000	0.000	0.939	0.925	0.000	0.614	0.942	0.000	0.500	0.954
	0.834				0.930				0.945				0.951				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Lairport St/Continental Blvd & E Mariposa Ave
City: El Segundo
Control: Signalized

Project ID: 19-05651-004
Date: 10/24/2019

Total

NS/EW Streets:	Lairport St/Continental Blvd				Lairport St/Continental Blvd				E Mariposa Ave				E Mariposa Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	2	0	1	0.5	0.5	0	1	3.5	0.5	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	10	6	8	0	3	12	4	0	9	33	16	0	22	44	6	0	173
7:15 AM	12	12	8	0	0	10	4	0	5	44	24	0	25	51	6	0	201
7:30 AM	8	13	7	0	1	12	3	0	4	62	34	0	20	49	5	0	218
7:45 AM	12	6	14	0	1	18	4	0	12	79	47	0	47	49	4	0	293
8:00 AM	12	15	14	0	2	18	6	0	6	90	35	0	41	53	5	0	297
8:15 AM	8	18	8	0	1	14	8	0	13	100	47	0	46	52	8	0	323
8:30 AM	13	14	18	0	2	14	8	0	4	86	47	0	38	59	5	0	308
8:45 AM	15	9	17	0	0	17	3	0	15	71	53	0	53	50	2	0	305
9:00 AM	12	11	20	0	1	14	5	0	7	72	46	0	30	59	4	0	281
9:15 AM	12	9	13	0	1	17	7	0	7	56	34	0	35	48	4	1	244
9:30 AM	8	15	9	0	1	10	7	0	8	67	28	0	18	54	6	0	231
9:45 AM	9	12	10	0	1	9	5	0	7	51	27	0	28	41	5	0	205
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	131	140	146	0	14	165	64	0	97	811	438	0	403	609	60	1	3079
APPROACH %'s :	31.41%	33.57%	35.01%	0.00%	5.76%	67.90%	26.34%	0.00%	7.21%	60.25%	32.54%	0.00%	37.56%	56.76%	5.59%	0.09%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	48	56	57	0	5	63	25	0	38	347	182	0	178	214	20	0	1233
PEAK HR FACTOR :	0.800	0.778	0.792	0.000	0.625	0.875	0.781	0.000	0.633	0.868	0.858	0.000	0.840	0.907	0.625	0.000	0.954
	0.894				0.894				0.886				0.972				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	2	0	1	0.5	0.5	0	1	3.5	0.5	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	26	25	39	0	6	10	7	0	6	109	13	0	11	82	5	0	339
4:15 PM	16	24	38	0	2	14	7	0	6	87	22	0	13	86	3	0	318
4:30 PM	33	34	65	0	17	15	14	0	8	126	18	0	12	92	7	0	441
4:45 PM	26	35	44	0	6	16	9	0	4	116	15	0	11	86	11	0	379
5:00 PM	31	32	75	0	6	16	11	0	4	149	18	0	28	99	3	0	472
5:15 PM	40	44	56	0	4	16	7	0	5	118	15	0	16	95	6	0	422
5:30 PM	29	21	50	0	6	11	5	0	2	144	10	0	10	106	3	0	397
5:45 PM	13	19	31	0	4	10	7	0	3	131	11	0	16	79	4	0	328
6:00 PM	21	18	40	1	5	18	8	0	5	96	10	0	7	68	5	0	302
6:15 PM	10	16	25	0	6	12	9	0	9	100	16	0	5	68	1	0	277
6:30 PM	9	13	28	0	10	6	9	0	4	78	12	0	3	92	2	0	266
6:45 PM	11	12	27	0	0	3	7	0	2	95	8	1	1	61	3	1	232
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	265	293	518	1	72	147	100	0	58	1349	168	1	133	1014	53	1	4173
APPROACH %'s :	24.61%	27.21%	48.10%	0.09%	22.57%	46.08%	31.35%	0.00%	3.68%	85.60%	10.66%	0.06%	11.07%	84.43%	4.41%	0.08%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	130	145	240	0	33	63	41	0	21	509	66	0	67	372	27	0	1714
PEAK HR FACTOR :	0.813	0.824	0.800	0.000	0.485	0.984	0.732	0.000	0.656	0.854	0.917	0.000	0.598	0.939	0.614	0.000	0.908
	0.920				0.745				0.871				0.896				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Lairport St/Continental Blvd & E Mariposa Ave
City: El Segundo
Control: Signalized

Project ID: 19-05651-004
Date: 10/24/2019

Bikes

NS/EW Streets:	Lairport St/Continental Blvd				Lairport St/Continental Blvd				E Mariposa Ave				E Mariposa Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	2	0	1	0.5	0.5	0	1	3.5	0.5	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2
7:15 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
7:45 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2
8:00 AM	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2
8:15 AM	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	3
8:30 AM	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0	0	4
8:45 AM	0	0	2	0	0	0	0	0	0	2	0	0	0	1	1	0	6
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	2	0	0	4	0	0	2	5	3	0	0	5	2	0	23
APPROACH %'s :	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%	0.00%	0.00%	20.00%	50.00%	30.00%	0.00%	0.00%	71.43%	28.57%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	0	0	2	0	0	2	0	0	1	5	2	0	0	2	1	0	15
PEAK HR FACTOR :	0.000	0.000	0.250	0.000	0.000	0.500	0.000	0.000	0.250	0.625	0.500	0.000	0.000	0.500	0.250	0.000	0.625
	0.250				0.500				1.000				0.375				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	1	2	0	1	0.5	0.5	0	1	3.5	0.5	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	1	0	0	0	0	0	0	1	0	1	0	0	2	0	0	5
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4:45 PM	0	0	0	0	0	1	0	0	0	3	0	0	0	2	0	0	6
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
5:45 PM	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
6:00 PM	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2
6:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	5	0	0	0	1	0	0	1	4	1	0	1	8	0	0	22
APPROACH %'s :	16.67%	83.33%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	16.67%	66.67%	16.67%	0.00%	11.11%	88.89%	0.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	1	0	0	0	1	0	0	0	3	0	0	0	3	0	0	8
PEAK HR FACTOR :	0.00	0.250	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.375	0.000	0.000	0.333
	0.250				0.250				0.250				0.375				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Lairport St/Continental Blvd & E Mariposa Ave
City: El Segundo

Project ID: 19-05651-004
Date: 10/24/2019

Pedestrians (Crosswalks)

NS/EW Streets:	Lairport St/Continental Blvd		Lairport St/Continental Blvd		E Mariposa Ave		E Mariposa Ave		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
7:00 AM	2	3	2	3	4	2	0	0	16
7:15 AM	2	0	0	3	0	2	2	0	9
7:30 AM	1	2	1	9	0	1	1	1	16
7:45 AM	0	4	1	6	3	0	0	1	15
8:00 AM	1	2	1	5	1	1	1	0	12
8:15 AM	0	2	1	4	1	0	1	1	10
8:30 AM	2	3	1	8	4	5	1	0	24
8:45 AM	1	0	3	5	0	2	0	0	11
9:00 AM	0	3	1	1	2	0	0	1	8
9:15 AM	0	3	2	2	2	1	0	1	11
9:30 AM	0	0	0	4	0	1	0	0	5
9:45 AM	1	1	1	2	0	2	0	1	8
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	10	23	14	52	17	17	6	6	145
APPROACH %'s :	30.30%	69.70%	21.21%	78.79%	50.00%	50.00%	50.00%	50.00%	
PEAK HR :	08:00 AM - 09:00 AM								TOTAL
PEAK HR VOL :	4	7	6	22	6	8	3	1	57
PEAK HR FACTOR :	0.500	0.583	0.500	0.688	0.375	0.400	0.750	0.250	0.594
	0.550		0.778		0.389		0.500		

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
4:00 PM	2	0	2	4	0	3	2	0	13
4:15 PM	2	4	2	1	4	2	1	0	16
4:30 PM	1	0	9	4	2	7	0	1	24
4:45 PM	2	2	1	2	1	2	0	2	12
5:00 PM	1	1	9	4	1	3	2	1	22
5:15 PM	0	5	3	3	4	1	2	1	19
5:30 PM	1	1	1	1	1	1	1	0	7
5:45 PM	0	1	7	1	3	1	0	1	14
6:00 PM	3	3	2	7	0	3	1	2	21
6:15 PM	1	3	1	1	2	0	0	1	9
6:30 PM	0	0	3	2	0	0	0	2	7
6:45 PM	1	0	6	1	5	1	0	0	14
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	14	20	46	31	23	24	9	11	178
APPROACH %'s :	41.18%	58.82%	59.74%	40.26%	48.94%	51.06%	45.00%	55.00%	
PEAK HR :	04:30 PM - 05:30 PM								TOTAL
PEAK HR VOL :	4	8	22	13	8	13	4	5	77
PEAK HR FACTOR :	0.500	0.400	0.611	0.813	0.500	0.464	0.500	0.625	0.802
	0.600		0.673		0.583		0.750		

National Data & Surveying Services

Intersection Turning Movement Count

Location: N Nash St & E Mariposa Ave
City: El Segundo
Control: Signalized

Project ID: 19-05651-005
Date: 10/24/2019

Total

NS/EW Streets:	N Nash St				N Nash St				E Mariposa Ave				E Mariposa Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	0	0	1	2	1	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	5	35	5	0	6	65	25	0	14	20	10	0	5	46	2	0	238
7:15 AM	7	41	11	0	6	86	38	0	12	31	10	0	7	52	6	0	307
7:30 AM	4	31	9	0	11	105	35	0	16	36	11	0	7	44	7	0	316
7:45 AM	6	55	10	0	14	152	56	0	12	64	14	0	9	49	3	0	444
8:00 AM	7	59	15	0	15	143	56	0	22	60	10	0	6	52	6	0	451
8:15 AM	7	72	18	0	23	114	54	0	18	63	10	0	6	46	6	0	437
8:30 AM	7	85	19	0	19	102	41	0	22	56	11	0	12	68	8	0	450
8:45 AM	8	83	9	0	11	136	46	0	25	47	12	0	11	55	7	0	450
9:00 AM	14	59	9	0	11	127	40	0	21	33	23	0	10	76	7	0	430
9:15 AM	4	52	9	0	9	78	34	0	7	45	9	0	5	46	8	0	306
9:30 AM	6	41	5	0	5	81	20	0	19	38	7	0	8	60	4	0	294
9:45 AM	5	34	12	0	8	75	28	0	12	44	7	0	9	46	9	0	289
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	80	647	131	0	138	1264	473	0	200	537	134	0	95	640	73	0	4412
APPROACH %'s :	9.32%	75.41%	15.27%	0.00%	7.36%	67.41%	25.23%	0.00%	22.96%	61.65%	15.38%	0.00%	11.76%	79.21%	9.03%	0.00%	
PEAK HR :	08:00 AM - 09:00 AM																TOTAL
PEAK HR VOL :	29	299	61	0	68	495	197	0	87	226	43	0	35	221	27	0	1788
PEAK HR FACTOR :	0.906	0.879	0.803	0.000	0.739	0.865	0.879	0.000	0.870	0.897	0.896	0.000	0.729	0.813	0.844	0.000	0.991
	0.876				0.888				0.967				0.804				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	0	0	1	2	1	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	16	132	35	0	25	42	17	0	34	102	14	0	11	60	5	0	493
4:15 PM	11	138	31	0	21	62	13	0	34	85	9	0	13	65	6	0	488
4:30 PM	8	147	17	0	18	50	23	0	60	129	16	0	10	69	11	0	558
4:45 PM	7	137	23	0	14	62	14	0	47	127	12	0	9	70	12	0	534
5:00 PM	6	158	35	0	22	56	29	0	70	148	17	0	10	67	7	0	625
5:15 PM	14	138	53	0	23	57	22	0	47	126	15	0	8	63	10	0	576
5:30 PM	11	117	41	0	12	70	25	0	58	141	10	0	9	70	7	0	571
5:45 PM	6	101	34	0	19	63	27	0	44	116	17	0	9	53	4	0	493
6:00 PM	8	115	23	0	11	70	16	0	39	92	12	0	6	56	4	0	452
6:15 PM	8	99	13	0	17	37	14	0	34	99	16	1	8	40	6	0	392
6:30 PM	9	99	11	0	13	53	20	0	41	75	11	0	10	56	5	0	403
6:45 PM	6	77	13	1	8	40	13	0	42	74	12	0	5	46	2	0	339
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	110	1458	329	1	203	662	233	0	550	1314	161	1	108	715	79	0	5924
APPROACH %'s :	5.80%	76.82%	17.33%	0.05%	18.49%	60.29%	21.22%	0.00%	27.15%	64.86%	7.95%	0.05%	11.97%	79.27%	8.76%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	38	550	152	0	71	245	90	0	222	542	54	0	36	270	36	0	2306
PEAK HR FACTOR :	0.679	0.870	0.717	0.000	0.772	0.875	0.776	0.000	0.793	0.916	0.794	0.000	0.900	0.964	0.750	0.000	0.922
	0.902				0.949				0.870				0.940				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Kansas St & E Grand Ave
City: El Segundo
Control: Signalized

Project ID: 19-05651-007
Date: 10/24/2019

Total

NS/EW Streets:	Kansas St				Kansas St				E Grand Ave				E Grand Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	0	2	0	0	0	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	2	1	4	0	2	1	1	0	1	46	5	0	8	56	0	0	127
7:15 AM	2	3	4	0	0	3	3	0	1	49	6	0	6	56	1	0	134
7:30 AM	4	4	5	0	1	1	7	0	5	57	2	0	9	63	3	0	161
7:45 AM	7	6	8	0	3	7	12	0	2	88	2	0	11	88	0	1	235
8:00 AM	2	6	9	0	1	5	12	0	14	103	3	0	13	96	4	0	268
8:15 AM	4	5	6	0	3	7	7	0	4	82	6	0	15	51	3	0	193
8:30 AM	5	2	15	0	2	10	5	0	5	80	8	0	8	50	2	0	192
8:45 AM	5	4	7	0	1	5	4	0	6	68	9	0	20	63	0	0	192
9:00 AM	9	5	10	0	2	10	6	0	2	77	4	0	11	69	2	0	207
9:15 AM	1	3	9	0	1	6	2	0	2	76	1	0	9	70	0	0	180
9:30 AM	6	7	7	0	2	6	4	0	1	71	8	0	7	63	3	0	185
9:45 AM	6	3	8	0	1	9	2	0	2	65	9	0	6	53	3	0	167
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	53	49	92	0	19	70	65	0	45	862	63	0	123	778	21	1	2241
APPROACH %'s :	27.32%	25.26%	47.42%	0.00%	12.34%	45.45%	42.21%	0.00%	4.64%	88.87%	6.49%	0.00%	13.33%	84.29%	2.28%	0.11%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	18	19	38	0	9	29	36	0	25	353	19	0	47	285	9	1	888
PEAK HR FACTOR :	0.643	0.792	0.633	0.000	0.750	0.725	0.750	0.000	0.446	0.857	0.594	0.000	0.783	0.742	0.563	0.250	0.828
	0.852				0.841				0.827				0.757				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	0	2	0	0	0	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	8	7	17	0	2	2	5	0	2	94	3	0	4	68	2	0	214
4:15 PM	2	6	16	0	2	6	4	0	5	76	1	0	7	82	1	0	208
4:30 PM	5	2	14	0	0	1	3	0	6	100	2	0	4	85	2	0	224
4:45 PM	3	7	13	0	1	3	6	0	2	97	4	0	5	90	5	0	236
5:00 PM	6	7	16	0	3	4	9	0	5	111	3	1	4	99	2	0	270
5:15 PM	3	7	21	0	3	3	6	0	3	96	3	0	4	118	2	0	269
5:30 PM	6	12	19	0	2	2	13	0	5	122	1	0	6	94	6	0	288
5:45 PM	7	5	9	0	1	8	8	0	6	125	4	0	5	96	1	0	275
6:00 PM	6	4	14	0	2	3	6	0	6	105	3	0	8	89	1	0	247
6:15 PM	2	3	9	0	2	2	9	0	5	86	1	0	3	86	1	0	209
6:30 PM	5	4	9	0	1	2	3	0	4	84	3	0	1	93	0	0	209
6:45 PM	3	3	14	0	1	1	5	0	4	86	3	0	1	95	2	0	218
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	56	67	171	0	20	37	77	0	53	1182	31	1	52	1095	25	0	2867
APPROACH %'s :	19.05%	22.79%	58.16%	0.00%	14.93%	27.61%	57.46%	0.00%	4.18%	93.29%	2.45%	0.08%	4.44%	93.43%	2.13%	0.00%	
PEAK HR :	05:00 PM - 06:00 PM																TOTAL
PEAK HR VOL :	22	31	65	0	9	17	36	0	19	454	11	1	19	407	11	0	1102
PEAK HR FACTOR :	0.786	0.646	0.774	0.000	0.750	0.531	0.692	0.000	0.792	0.908	0.688	0.250	0.792	0.862	0.458	0.000	0.957
	0.797				0.912				0.898				0.881				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Kansas St & E Grand Ave
City: El Segundo
Control: Signalized

Project ID: 19-05651-007
Date: 10/24/2019

Bikes

NS/EW Streets:	Kansas St				Kansas St				E Grand Ave				E Grand Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	0	2	0	0	0	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2
7:15 AM	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	5
7:30 AM	0	0	0	0	0	1	0	0	0	3	1	0	0	1	0	0	6
7:45 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
8:15 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2
8:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	5
9:00 AM	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	3
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 AM	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	1	0	0	0	1	0	0	0	18	4	0	0	3	1	0	28
APPROACH %'s :	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	81.82%	18.18%	0.00%	0.00%	75.00%	25.00%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	3	1	0	0	0	1	0	5
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.750	0.250	0.000	0.000	0.000	0.250	0.000	0.625
										1.000				0.250			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	0	2	0	0	0	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
4:15 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
4:45 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
5:00 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	3
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
5:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3
5:45 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3
6:00 PM	1	1	0	0	0	0	0	0	0	3	0	0	0	1	0	0	6
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	3	2	0	0	0	1	0	0	0	5	0	0	0	14	0	0	25
APPROACH %'s :	60.00%	40.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	
PEAK HR :	05:00 PM - 06:00 PM																TOTAL
PEAK HR VOL :	1	1	0	0	0	0	0	0	0	1	0	0	0	7	0	0	10
PEAK HR FACTOR :	0.25	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.875	0.000	0.000	0.833
		0.500								0.250				0.875			

National Data & Surveying Services

Intersection Turning Movement Count

Location: Kansas St & E Grand Ave
City: El Segundo

Project ID: 19-05651-007
Date: 10/24/2019

Pedestrians (Crosswalks)

NS/EW Streets:	Kansas St		Kansas St		E Grand Ave		E Grand Ave		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
7:00 AM	0	2	1	2	0	0	0	0	5
7:15 AM	0	2	0	0	0	0	0	1	3
7:30 AM	0	0	1	0	2	1	0	0	4
7:45 AM	2	5	3	0	1	0	0	2	13
8:00 AM	2	2	2	0	2	0	0	0	8
8:15 AM	4	3	1	0	1	1	1	2	13
8:30 AM	1	1	1	0	1	0	0	0	4
8:45 AM	2	2	0	0	0	1	1	2	8
9:00 AM	3	1	0	0	1	1	0	0	6
9:15 AM	1	0	0	1	0	2	0	1	5
9:30 AM	0	0	0	1	1	1	0	0	3
9:45 AM	0	0	0	1	2	0	0	1	4
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	15	18	9	5	11	7	2	9	76
APPROACH %'s :	45.45%	54.55%	64.29%	35.71%	61.11%	38.89%	18.18%	81.82%	
PEAK HR :	07:45 AM - 08:45 AM								TOTAL
PEAK HR VOL :	9	11	7	0	5	1	1	4	38
PEAK HR FACTOR :	0.563	0.550	0.583		0.625	0.250	0.250	0.500	0.731
	0.714		0.583		0.750		0.417		

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
4:00 PM	3	1	0	1	1	2	0	0	8
4:15 PM	1	16	0	0	1	0	0	0	18
4:30 PM	1	10	0	0	0	0	0	2	13
4:45 PM	2	1	0	0	0	0	0	0	3
5:00 PM	12	4	1	0	0	0	0	0	17
5:15 PM	7	2	1	0	0	0	0	0	10
5:30 PM	5	2	0	0	2	0	0	0	9
5:45 PM	2	4	0	0	0	0	0	1	7
6:00 PM	2	0	1	1	0	0	0	0	4
6:15 PM	0	1	1	0	0	1	0	0	3
6:30 PM	0	2	0	0	0	1	0	1	4
6:45 PM	0	0	0	0	0	0	0	0	0
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	35	43	4	2	4	4	0	4	96
APPROACH %'s :	44.87%	55.13%	66.67%	33.33%	50.00%	50.00%	0.00%	100.00%	
PEAK HR :	05:00 PM - 06:00 PM								TOTAL
PEAK HR VOL :	26	12	2	0	2	0	0	1	43
PEAK HR FACTOR :	0.542	0.750	0.500		0.250			0.250	0.632
	0.594		0.500		0.250		0.250		

National Data & Surveying Services

Intersection Turning Movement Count

Location: Continental Blvd & E El Segundo Blvd
City: El Segundo
Control: Signalized

Project ID: 19-05651-009
Date: 10/24/2019

Total

NS/EW Streets:	Continental Blvd				Continental Blvd				E El Segundo Blvd				E El Segundo Blvd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1.5	1	1.5	0	1.5	1	1.5	0	2	3	1	0	2	3	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	1	7	1	0	9	1	6	0	11	103	3	4	11	160	53	1	371
7:15 AM	1	3	1	1	7	3	8	0	14	137	19	1	10	229	71	1	506
7:30 AM	1	5	4	0	11	6	6	0	12	148	9	7	7	253	67	11	547
7:45 AM	1	1	3	0	14	9	7	0	24	171	9	4	9	254	97	2	605
8:00 AM	1	2	1	0	14	9	12	0	26	178	12	4	11	236	96	0	602
8:15 AM	1	7	2	1	11	11	12	0	15	165	16	2	9	206	74	3	535
8:30 AM	2	2	1	1	18	10	7	1	27	148	16	7	15	225	91	4	575
8:45 AM	2	4	2	0	6	8	12	0	34	144	16	6	3	270	107	3	617
9:00 AM	2	4	1	0	19	5	10	2	14	146	8	5	7	282	123	4	632
9:15 AM	2	4	1	0	16	6	10	1	15	133	10	1	4	253	99	4	559
9:30 AM	1	6	2	0	19	2	14	0	18	139	4	2	3	192	74	1	477
9:45 AM	0	4	4	0	17	4	11	1	11	109	3	6	8	249	54	6	487
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	15	49	23	3	161	74	115	5	221	1721	125	49	97	2809	1006	40	6513
APPROACH %'s :	16.67%	54.44%	25.56%	3.33%	45.35%	20.85%	32.39%	1.41%	10.44%	81.33%	5.91%	2.32%	2.45%	71.08%	25.46%	1.01%	
PEAK HR :	08:30 AM - 09:30 AM																TOTAL
PEAK HR VOL :	8	14	5	1	59	29	39	4	90	571	50	19	29	1030	420	15	2383
PEAK HR FACTOR :	1.000	0.875	0.625	0.250	0.776	0.725	0.813	0.500	0.662	0.965	0.781	0.679	0.483	0.913	0.854	0.938	0.943
		0.875				0.910				0.913				0.898			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1.5	1	1.5	0	1.5	1	1.5	0	2	3	1	0	2	3	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	8	14	32	0	65	4	13	1	3	196	3	0	0	213	23	5	580
4:15 PM	13	20	34	1	57	4	21	0	5	184	2	5	1	209	35	5	596
4:30 PM	7	16	34	0	83	2	16	0	2	289	2	5	2	205	26	5	694
4:45 PM	16	20	28	0	81	1	23	1	3	203	2	3	0	210	29	5	625
5:00 PM	23	21	37	0	126	5	32	0	3	236	4	1	2	173	16	9	688
5:15 PM	20	19	39	0	102	7	33	0	9	227	4	4	3	194	19	6	686
5:30 PM	11	12	34	0	79	5	24	0	3	202	1	1	3	214	23	10	622
5:45 PM	16	12	42	0	79	4	27	0	2	160	1	2	4	176	14	6	545
6:00 PM	41	19	89	0	86	5	30	0	2	243	4	1	5	212	19	6	762
6:15 PM	30	14	76	0	80	1	33	0	5	173	1	6	4	194	11	4	632
6:30 PM	32	13	72	0	49	1	15	0	3	221	0	4	2	159	10	6	587
6:45 PM	21	12	67	0	31	1	7	0	4	190	3	2	0	161	15	6	520
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	238	192	584	1	918	40	274	2	44	2524	27	34	26	2320	240	73	7537
APPROACH %'s :	23.45%	18.92%	57.54%	0.10%	74.39%	3.24%	22.20%	0.16%	1.67%	96.01%	1.03%	1.29%	0.98%	87.25%	9.03%	2.75%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	66	76	138	0	392	15	104	1	17	955	12	13	7	782	90	25	2693
PEAK HR FACTOR :	0.717	0.905	0.885	0.000	0.778	0.536	0.788	0.250	0.472	0.826	0.750	0.650	0.583	0.931	0.776	0.694	0.970
		0.864				0.785				0.836				0.926			

National Data & Surveying Services

Intersection Turning Movement Count

Location: N Nash St & E El Segundo Blvd
City: El Segundo
Control: Signalized

Project ID: 19-05651-010
Date: 10/24/2019

Total

NS/EW Streets:	N Nash St				N Nash St				E El Segundo Blvd				E El Segundo Blvd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	2	0.5	1.5	0	1.5	1.5	1	0	2	3	1	0	2	3	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	3	1	3	0	22	20	9	0	4	112	2	2	83	254	58	1	574
7:15 AM	0	2	1	0	26	19	7	0	8	114	9	2	71	280	64	3	606
7:30 AM	0	3	2	0	24	24	11	0	8	176	6	1	62	351	66	4	738
7:45 AM	1	4	0	0	30	24	14	0	11	163	10	3	69	344	96	1	770
8:00 AM	0	4	2	0	25	23	6	0	17	165	6	3	66	336	74	8	735
8:15 AM	0	2	2	0	33	21	13	0	14	163	3	4	68	314	86	10	733
8:30 AM	2	4	0	0	36	17	9	0	19	127	10	1	95	349	97	5	771
8:45 AM	1	6	4	0	30	20	8	1	13	150	6	1	73	384	89	3	789
9:00 AM	0	4	5	0	31	17	3	0	15	123	9	6	73	411	74	4	775
9:15 AM	2	5	1	0	31	22	5	0	14	151	6	5	55	330	40	4	671
9:30 AM	1	3	3	0	20	12	8	0	6	138	4	4	37	271	36	4	547
9:45 AM	0	3	1	0	22	13	4	0	14	120	3	0	57	331	45	5	618
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	10	41	24	0	330	232	97	1	143	1702	74	32	809	3955	825	52	8327
APPROACH %'s :	13.33%	54.67%	32.00%	0.00%	50.00%	35.15%	14.70%	0.15%	7.33%	87.24%	3.79%	1.64%	14.34%	70.11%	14.63%	0.92%	
PEAK HR :	08:15 AM - 09:15 AM																TOTAL
PEAK HR VOL :	3	16	11	0	130	75	33	1	61	563	28	12	309	1458	346	22	3068
PEAK HR FACTOR :	0.375	0.667	0.550	0.000	0.903	0.893	0.635	0.250	0.803	0.863	0.700	0.500	0.813	0.887	0.892	0.550	0.972
	0.682				0.892				0.902				0.950				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	2	0.5	1.5	0	1.5	1.5	1	0	2	3	1	0	2	3	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	5	17	39	0	98	2	16	0	12	287	0	4	8	230	57	10	785
4:15 PM	3	10	36	0	82	10	12	0	4	259	2	6	3	204	55	4	690
4:30 PM	2	16	45	0	95	4	17	0	15	404	0	2	3	231	37	5	876
4:45 PM	5	15	39	0	84	4	11	0	11	288	1	2	6	202	42	1	711
5:00 PM	8	20	46	0	107	4	21	0	11	401	3	2	5	191	40	6	865
5:15 PM	2	8	22	0	85	1	16	0	7	363	2	6	3	177	32	2	726
5:30 PM	5	7	39	0	87	5	12	0	14	288	3	8	1	193	35	10	707
5:45 PM	2	4	21	0	92	1	9	0	9	279	2	5	1	190	28	2	645
6:00 PM	0	0	0	0	102	0	16	0	10	407	0	4	0	206	33	1	779
6:15 PM	0	0	0	0	70	0	22	0	7	328	0	3	0	175	28	6	639
6:30 PM	0	0	0	0	80	0	14	0	10	333	0	3	0	172	18	5	635
6:45 PM	0	0	0	0	56	0	9	0	10	273	0	5	0	149	24	5	531
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	32	97	287	0	1038	31	175	0	120	3910	13	50	30	2320	429	57	8589
APPROACH %'s :	7.69%	23.32%	68.99%	0.00%	83.44%	2.49%	14.07%	0.00%	2.93%	95.53%	0.32%	1.22%	1.06%	81.81%	15.13%	2.01%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	17	59	152	0	371	13	65	0	44	1456	6	12	17	801	151	14	3178
PEAK HR FACTOR :	0.531	0.738	0.826	0.000	0.867	0.813	0.774	0.000	0.733	0.901	0.500	0.500	0.708	0.867	0.899	0.583	0.907
	0.770				0.850				0.901				0.890				

National Data & Surveying Services

Intersection Turning Movement Count

Location: N Nash St & E El Segundo Blvd
City: El Segundo
Control: Signalized

Project ID: 19-05651-010
Date: 10/24/2019

Bikes

NS/EW Streets:	N Nash St				N Nash St				E El Segundo Blvd				E El Segundo Blvd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	2	0.5	1.5	0	1.5	1.5	1	0	2	3	1	0	2	3	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	3
7:15 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	3
7:30 AM	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	3
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	2	2	0	6
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	5
8:45 AM	0	0	0	0	1	0	0	0	0	2	0	0	0	2	0	0	5
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
9:45 AM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	3	1	0	0	0	6	0	0	1	18	4	0	33
APPROACH %'s :					75.00%	25.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	4.35%	78.26%	17.39%	0.00%	
PEAK HR :	08:15 AM - 09:15 AM																TOTAL
PEAK HR VOL :	0	0	0	0	1	1	0	0	0	3	0	0	1	10	3	0	19
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.250	0.250	0.000	0.000	0.000	0.375	0.000	0.000	0.250	0.625	0.375	0.000	0.792
					0.500				0.375				0.700				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	2	0.5	1.5	0	1.5	1.5	1	0	2	3	1	0	2	3	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	2
4:15 PM	0	0	0	0	0	0	0	0	0	3	0	0	0	1	0	0	4
4:30 PM	0	0	0	0	0	0	0	0	0	3	0	0	0	0	1	0	4
4:45 PM	0	0	1	0	2	0	0	0	0	1	0	0	0	1	1	0	6
5:00 PM	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	3
5:15 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
5:30 PM	0	0	1	0	0	0	0	0	0	2	0	0	0	2	0	0	5
5:45 PM	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	4
6:00 PM	1	0	0	0	2	0	0	0	0	1	0	0	0	1	0	0	5
6:15 PM	0	0	0	0	0	0	0	0	0	4	0	0	0	0	1	0	5
6:30 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
6:45 PM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	0	2	0	5	0	0	0	1	20	0	0	0	8	4	0	41
APPROACH %'s :	33.33%	0.00%	66.67%	0.00%	100.00%	0.00%	0.00%	0.00%	4.76%	95.24%	0.00%	0.00%	0.00%	66.67%	33.33%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	0	1	0	2	0	0	0	0	7	0	0	0	2	2	0	14
PEAK HR FACTOR :	0.00	0.000	0.250	0.000	0.250	0.000	0.000	0.000	0.000	0.583	0.000	0.000	0.000	0.500	0.500	0.000	0.583
			0.250				0.250				0.583				0.500		

National Data & Surveying Services

Intersection Turning Movement Count

Location: N Nash St & E El Segundo Blvd
City: El Segundo

Project ID: 19-05651-010
Date: 10/24/2019

Pedestrians (Crosswalks)

NS/EW Streets:	N Nash St		N Nash St		E El Segundo Blvd		E El Segundo Blvd		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
7:00 AM	1	13	0	0	1	0	0	0	15
7:15 AM	4	7	0	1	1	3	0	0	16
7:30 AM	5	22	0	1	0	1	0	0	29
7:45 AM	9	17	0	0	1	3	0	0	30
8:00 AM	9	19	0	0	0	0	0	0	28
8:15 AM	7	17	0	0	0	1	0	0	25
8:30 AM	4	20	1	0	1	0	0	0	26
8:45 AM	4	22	0	0	0	1	0	0	27
9:00 AM	2	9	0	0	0	2	0	0	13
9:15 AM	0	15	0	1	0	0	0	0	16
9:30 AM	1	9	1	0	1	0	0	0	12
9:45 AM	2	4	2	0	0	0	0	0	8
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	48	174	4	3	5	11	0	0	245
APPROACH %'s :	21.62%	78.38%	57.14%	42.86%	31.25%	68.75%			
PEAK HR :	**08:15 AM - 09:15 AM**								TOTAL
PEAK HR VOL :	17	68	1	0	1	4	0	0	91
PEAK HR FACTOR :	0.607	0.773	0.250		0.250	0.500			0.843
	0.817		0.250		0.625				

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
4:00 PM	14	42	1	0	6	0	0	0	63
4:15 PM	11	8	0	0	0	0	0	0	19
4:30 PM	30	2	0	0	1	3	0	0	36
4:45 PM	11	4	2	0	3	1	0	0	21
5:00 PM	17	1	1	0	5	0	0	0	24
5:15 PM	15	5	5	0	1	0	0	0	26
5:30 PM	25	4	1	0	1	2	0	0	33
5:45 PM	20	2	0	2	0	1	0	0	25
6:00 PM	14	5	0	0	4	0	0	0	23
6:15 PM	11	4	1	0	1	0	0	1	18
6:30 PM	4	0	0	0	0	0	0	0	4
6:45 PM	8	0	0	1	0	0	0	0	9
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	180	77	11	3	22	7	0	1	301
APPROACH %'s :	70.04%	29.96%	78.57%	21.43%	75.86%	24.14%	0.00%	100.00%	
PEAK HR :	**04:30 PM - 05:30 PM**								TOTAL
PEAK HR VOL :	73	12	8	0	10	4	0	0	107
PEAK HR FACTOR :	0.608	0.600	0.400		0.500	0.333			0.743
	0.664		0.400		0.700				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sepulveda Blvd & E Palm Ave
City: El Segundo
Control: 1-Way Stop (EB)

Project ID: 19-05278-007
Date: 5/9/2019

Total

NS/EW Streets:	Sepulveda Blvd				Sepulveda Blvd				E Palm Ave				E Palm Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	4	0	0	0	4	0	0	0	1	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	1	578	0	0	0	311	3	1	3	0	2	0	0	0	0	0	899
7:15 AM	1	496	0	0	0	398	3	0	3	0	7	0	0	0	0	0	908
7:30 AM	0	519	0	0	0	526	2	0	2	0	3	0	0	0	0	0	1052
7:45 AM	0	527	0	0	0	608	3	2	3	0	6	0	0	0	0	0	1149
8:00 AM	1	539	0	1	0	582	7	2	3	0	5	0	0	0	0	0	1140
8:15 AM	0	529	0	0	0	576	6	0	4	0	3	0	0	0	0	0	1118
8:30 AM	2	499	0	0	0	534	10	0	1	0	4	0	0	0	0	0	1050
8:45 AM	0	496	0	0	0	593	5	1	2	0	5	0	0	0	0	0	1102
9:00 AM	0	494	0	0	0	578	3	0	1	0	3	0	0	0	0	0	1079
9:15 AM	1	510	0	0	0	474	3	1	4	0	2	0	0	0	0	0	995
9:30 AM	1	371	0	1	0	445	5	2	1	0	4	0	0	0	0	0	830
9:45 AM	1	388	0	1	0	388	4	1	1	0	3	0	0	0	0	0	787
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	8	5946	0	3	0	6013	54	10	28	0	47	0	0	0	0	0	12109
APPROACH %'s :	0.13%	99.82%	0.00%	0.05%	0.00%	98.95%	0.89%	0.16%	37.33%	0.00%	62.67%	0.00%					
PEAK HR :	**07:30 AM - 08:30 AM**																TOTAL
PEAK HR VOL :	1	2114	0	1	0	2292	18	4	12	0	17	0	0	0	0	0	4459
PEAK HR FACTOR :	0.250	0.981	0.000	0.250	0.000	0.942	0.643	0.500	0.750	0.000	0.708	0.000	0.000	0.000	0.000	0.000	0.970
		0.978				0.944				0.806							

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	4	0	0	0	4	0	0	0	1	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	1	513	0	0	0	565	5	0	4	0	4	0	0	0	0	0	1092
4:15 PM	2	529	0	0	0	561	8	0	4	0	5	0	0	0	0	0	1109
4:30 PM	0	497	0	0	0	563	5	0	3	0	4	0	0	0	0	0	1072
4:45 PM	1	528	0	0	0	644	4	0	3	0	4	0	0	0	0	0	1184
5:00 PM	1	583	0	0	0	640	7	0	2	0	8	0	0	0	0	0	1241
5:15 PM	0	622	0	0	0	668	10	0	1	0	5	0	0	0	0	0	1306
5:30 PM	0	501	0	1	0	625	6	0	1	0	6	0	0	0	0	0	1140
5:45 PM	1	535	0	0	0	661	5	1	1	0	2	0	0	0	0	0	1206
6:00 PM	0	512	0	2	0	645	4	0	2	0	3	0	0	0	0	0	1168
6:15 PM	2	514	0	0	0	653	4	0	3	0	6	0	0	0	0	0	1182
6:30 PM	3	453	0	0	0	671	3	0	1	0	4	0	0	0	0	0	1135
6:45 PM	4	421	0	3	0	605	7	0	0	0	1	0	0	0	0	0	1041
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	15	6208	0	6	0	7501	68	1	25	0	52	0	0	0	0	0	13876
APPROACH %'s :	0.24%	99.66%	0.00%	0.10%	0.00%	99.09%	0.90%	0.01%	32.47%	0.00%	67.53%	0.00%					
PEAK HR :	**05:00 PM - 06:00 PM**																TOTAL
PEAK HR VOL :	2	2241	0	1	0	2594	28	1	5	0	21	0	0	0	0	0	4893
PEAK HR FACTOR :	0.500	0.901	0.000	0.250	0.000	0.971	0.700	0.250	0.625	0.000	0.656	0.000	0.000	0.000	0.000	0.000	0.937
		0.902				0.967				0.650							

National Data & Surveying Services

Intersection Turning Movement Count

Location: Sepulveda Blvd & Holly Ave
City: El Segundo
Control: 2-Way Stop (EB/WB)

Project ID: 19-05278-008
Date: 5/9/2019

Total

NS/EW Streets:	Sepulveda Blvd				Sepulveda Blvd				Holly Ave				Holly Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	4	0	0	1	3	0	0	0	0	1	0	0.5	0.5	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	527	1	0	0	264	15	0	0	0	4	0	0	0	0	0	811
7:15 AM	0	538	10	0	2	322	13	0	0	0	4	0	0	0	0	0	889
7:30 AM	2	468	13	0	4	433	23	0	0	0	6	0	1	0	0	0	950
7:45 AM	1	505	11	0	5	475	29	1	0	0	4	0	1	0	0	0	1032
8:00 AM	1	523	20	0	3	461	42	0	0	0	13	0	1	0	0	0	1064
8:15 AM	0	475	15	0	8	481	23	1	0	0	6	0	1	0	0	0	1010
8:30 AM	2	480	12	0	4	442	22	0	1	0	6	0	1	0	0	0	970
8:45 AM	0	480	30	0	10	481	18	0	0	0	4	0	1	0	0	0	1024
9:00 AM	5	429	14	0	16	489	27	0	0	1	8	0	3	0	0	0	992
9:15 AM	6	472	13	1	18	387	11	0	0	0	8	0	3	0	0	0	919
9:30 AM	10	361	11	0	18	352	16	0	0	0	10	0	0	0	0	0	778
9:45 AM	1	372	11	1	10	357	14	0	0	1	2	0	2	0	0	0	771
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	28	5630	161	2	98	4944	253	2	1	2	75	0	14	0	0	0	11210
APPROACH %'s :	0.48%	96.72%	2.77%	0.03%	1.85%	93.34%	4.78%	0.04%	1.28%	2.56%	96.15%	0.00%	100.00%	0.00%	0.00%	0.00%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	4	1983	58	0	20	1859	116	2	1	0	29	0	4	0	0	0	4076
PEAK HR FACTOR :	0.500	0.948	0.725	0.000	0.625	0.966	0.690	0.500	0.250	0.000	0.558	0.000	1.000	0.000	0.000	0.000	0.958
		0.940				0.973				0.577				1.000			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	4	0	0	1	3	0	0	0	0	1	0	0.5	0.5	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	2	454	20	0	4	563	19	0	0	0	9	0	7	0	1	0	1079
4:15 PM	2	472	21	1	5	554	20	1	0	0	10	0	3	0	2	0	1091
4:30 PM	2	468	14	0	5	540	19	2	1	0	9	0	6	1	0	0	1067
4:45 PM	2	448	20	0	2	582	23	2	1	0	7	0	5	1	0	0	1093
5:00 PM	0	525	10	1	4	577	24	0	0	0	17	0	2	0	1	0	1161
5:15 PM	0	577	13	0	1	615	10	0	1	0	17	0	0	0	0	0	1234
5:30 PM	2	468	23	0	2	564	16	0	0	0	8	0	6	0	0	0	1089
5:45 PM	1	470	17	0	5	613	25	0	1	1	15	0	6	0	0	0	1154
6:00 PM	1	490	20	1	4	606	16	4	1	0	6	0	4	0	10	0	1163
6:15 PM	1	478	17	1	2	647	10	1	1	0	8	0	2	0	15	0	1183
6:30 PM	1	450	14	3	7	515	20	5	0	0	15	0	3	1	5	0	1039
6:45 PM	5	407	15	4	2	564	10	6	1	0	11	0	4	0	5	0	1034
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	19	5707	204	11	43	6940	212	21	7	1	132	0	48	3	39	0	13387
APPROACH %'s :	0.32%	96.06%	3.43%	0.19%	0.60%	96.18%	2.94%	0.29%	5.00%	0.71%	94.29%	0.00%	53.33%	3.33%	43.33%	0.00%	
PEAK HR :	05:15 PM - 06:15 PM																TOTAL
PEAK HR VOL :	4	2005	73	1	12	2398	67	4	3	1	46	0	16	0	10	0	4640
PEAK HR FACTOR :	0.500	0.869	0.793	0.250	0.600	0.975	0.670	0.250	0.750	0.250	0.676	0.000	0.667	0.000	0.250	0.000	0.940
		0.883				0.965				0.694				0.464			

National Data & Surveying Services

Intersection Turning Movement Count

Location: Indiana St & E Mariposa Ave
City: El Segundo
Control: 1-Way Stop (NB)

Project ID: 19-05651-003
Date: 10/24/2019

Total

NS/EW Streets:	Indiana St				Indiana St				E Mariposa Ave				E Mariposa Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	1	6	0	0	0	0	0	0	25	1	0	4	31	0	0	68
7:15 AM	1	0	13	0	0	0	0	0	0	42	2	0	5	36	1	1	101
7:30 AM	4	2	15	0	0	0	0	0	0	70	1	0	8	70	1	1	172
7:45 AM	1	0	16	0	0	0	0	0	0	80	2	0	5	47	3	0	154
8:00 AM	3	0	12	0	0	0	0	0	0	60	1	0	9	56	0	1	142
8:15 AM	0	0	15	0	0	0	0	0	0	92	5	0	8	43	1	1	165
8:30 AM	0	0	12	0	0	0	0	0	0	58	1	0	3	54	0	2	130
8:45 AM	0	0	13	0	0	0	0	0	0	48	2	0	11	41	0	2	117
9:00 AM	0	2	14	0	0	0	0	0	0	50	2	0	8	44	1	0	121
9:15 AM	1	0	15	0	0	0	0	0	0	61	3	0	4	52	0	0	136
9:30 AM	1	2	15	0	0	0	0	0	0	52	4	0	6	43	0	1	124
9:45 AM	1	2	14	0	0	0	0	0	0	39	3	0	7	41	0	1	108
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	12	9	160	0	0	0	0	0	0	677	27	0	78	558	7	10	1538
APPROACH %'s :	6.63%	4.97%	88.40%	0.00%					0.00%	96.16%	3.84%	0.00%	11.94%	85.45%	1.07%	1.53%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	8	2	58	0	0	0	0	0	0	302	9	0	30	216	5	3	633
PEAK HR FACTOR :	0.500	0.250	0.906	0.000	0.000	0.000	0.000	0.000	0.000	0.821	0.450	0.000	0.833	0.771	0.417	0.750	0.920
	0.810								0.802				0.794				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	2	0	22	0	0	0	0	0	0	73	2	0	8	71	0	0	178
4:15 PM	0	0	21	1	0	0	0	0	0	51	6	0	7	83	3	0	172
4:30 PM	1	1	38	0	0	0	0	0	0	73	6	0	17	87	0	0	223
4:45 PM	3	1	15	0	0	0	0	0	0	68	3	0	9	78	3	1	181
5:00 PM	5	1	14	0	0	0	0	0	0	100	1	0	10	93	0	2	226
5:15 PM	6	1	25	0	0	0	0	0	0	82	1	0	5	85	0	0	205
5:30 PM	3	0	19	0	0	0	0	0	0	68	3	0	7	104	0	1	205
5:45 PM	3	0	20	0	0	0	0	0	0	73	2	0	8	108	3	1	218
6:00 PM	2	0	19	0	0	0	0	0	0	67	1	0	11	87	0	1	188
6:15 PM	0	1	28	0	0	0	0	0	0	77	2	0	10	70	2	1	191
6:30 PM	0	1	17	0	0	0	0	0	0	52	5	0	8	88	1	4	176
6:45 PM	4	1	18	0	0	0	0	0	0	43	3	0	7	73	5	1	155
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	29	7	256	1	0	0	0	0	0	827	35	0	107	1027	17	12	2318
APPROACH %'s :	9.90%	2.39%	87.37%	0.34%					0.00%	95.94%	4.06%	0.00%	9.20%	88.31%	1.46%	1.03%	
PEAK HR :	05:00 PM - 06:00 PM																TOTAL
PEAK HR VOL :	17	2	78	0	0	0	0	0	0	323	7	0	30	390	3	4	854
PEAK HR FACTOR :	0.708	0.500	0.780	0.000	0.000	0.000	0.000	0.000	0.000	0.808	0.583	0.000	0.750	0.903	0.250	0.500	0.945
	0.758								0.817				0.890				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Indiana St & E Mariposa Ave
City: El Segundo
Control: 1-Way Stop (NB)

Project ID: 19-05651-003
Date: 10/24/2019

Bikes

NS/EW Streets:	Indiana St				Indiana St				E Mariposa Ave				E Mariposa Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
8:15 AM	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
8:30 AM	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
8:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	1	0	0	0	0	0	0	7	1	0	0	2	0	0	11
APPROACH %'s :	0.00%	0.00%	100.00%	0.00%					0.00%	87.50%	12.50%	0.00%	0.00%	100.00%	0.00%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	4	0	0	0	1	0	0	5
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.500	0.000	0.000	0.000	0.250	0.000	0.000	0.625
										0.500				0.250			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	4
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
5:15 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3
6:00 PM	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	2	0	0	0	0	0	0	0	0	3	2	0	1	14	0	0	22
APPROACH %'s :	100.00%	0.00%	0.00%	0.00%					0.00%	60.00%	40.00%	0.00%	6.67%	93.33%	0.00%	0.00%	
PEAK HR :	05:00 PM - 06:00 PM																TOTAL
PEAK HR VOL :	1	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	9
PEAK HR FACTOR :	0.25	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.667	0.000	0.000	0.750
			0.250											0.667			

National Data & Surveying Services

Intersection Turning Movement Count

Location: Indiana St & E Mariposa Ave
City: El Segundo

Project ID: 19-05651-003
Date: 10/24/2019

Pedestrians (Crosswalks)

NS/EW Streets:	Indiana St		Indiana St		E Mariposa Ave		E Mariposa Ave		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
7:00 AM	1	1	0	1	2	2	0	0	7
7:15 AM	0	1	3	3	0	1	1	1	10
7:30 AM	1	0	2	4	0	0	0	2	9
7:45 AM	2	0	1	3	5	1	1	1	14
8:00 AM	0	0	4	2	0	0	1	2	9
8:15 AM	2	1	2	2	1	8	1	2	19
8:30 AM	0	1	1	2	2	0	1	0	7
8:45 AM	0	0	3	0	2	1	0	0	6
9:00 AM	1	0	4	2	0	3	3	1	14
9:15 AM	0	0	2	2	3	0	1	2	10
9:30 AM	0	2	4	6	3	1	6	3	25
9:45 AM	0	1	9	2	2	1	1	1	17
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	7	7	35	29	20	18	16	15	147
APPROACH %'s :	50.00%	50.00%	54.69%	45.31%	52.63%	47.37%	51.61%	48.39%	
PEAK HR :	**07:30 AM - 08:30 AM**								TOTAL
PEAK HR VOL :	5	1	9	11	6	9	3	7	51
PEAK HR FACTOR :	0.625	0.250	0.563	0.688	0.300	0.281	0.750	0.875	0.671
	0.500		0.833		0.417		0.833		

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
4:00 PM	1	2	1	3	0	0	1	2	10
4:15 PM	0	2	3	1	0	0	1	2	9
4:30 PM	1	0	0	5	0	2	4	0	12
4:45 PM	1	5	2	1	0	1	0	4	14
5:00 PM	0	1	2	1	0	2	2	1	9
5:15 PM	3	0	0	3	2	1	0	3	12
5:30 PM	0	4	1	5	2	0	2	0	14
5:45 PM	0	2	2	1	0	1	1	1	8
6:00 PM	2	1	1	4	1	0	2	1	12
6:15 PM	0	0	0	7	3	3	4	0	17
6:30 PM	1	2	1	0	1	0	1	2	8
6:45 PM	1	2	2	2	0	1	1	2	11
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	10	21	15	33	9	11	19	18	136
APPROACH %'s :	32.26%	67.74%	31.25%	68.75%	45.00%	55.00%	51.35%	48.65%	
PEAK HR :	**05:00 PM - 06:00 PM**								TOTAL
PEAK HR VOL :	3	7	5	10	4	4	5	5	43
PEAK HR FACTOR :	0.250	0.438	0.625	0.500	0.500	0.500	0.625	0.417	0.768
	0.625		0.625		0.667		0.833		

National Data & Surveying Services

Intersection Turning Movement Count

Location: Indiana St & E Holly Ave
City: El Segundo
Control: 4-Way Stop

Project ID: 19-05651-006
Date: 10/24/2019

Total

NS/EW Streets:	Indiana St				Indiana St				E Holly Ave				E Holly Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	2	0	0	0	6	3	0	0	3	1	0	0	1	6	0	0	22
7:15 AM	2	3	0	0	2	3	0	0	1	2	3	0	0	4	2	0	22
7:30 AM	0	3	2	0	4	5	0	1	0	4	1	0	4	8	2	0	34
7:45 AM	0	8	0	0	2	4	1	1	2	2	1	0	4	12	1	0	38
8:00 AM	2	4	0	1	4	3	4	0	1	2	1	0	9	13	1	2	47
8:15 AM	1	2	0	1	5	4	2	0	2	1	2	0	3	7	3	0	33
8:30 AM	2	4	1	0	1	2	0	1	0	4	1	0	6	5	2	1	30
8:45 AM	3	8	0	0	2	5	3	0	0	1	0	0	7	8	5	0	42
9:00 AM	1	3	2	0	6	9	3	0	2	2	5	0	10	13	1	0	57
9:15 AM	1	11	2	0	1	5	2	0	3	3	1	0	6	10	3	1	49
9:30 AM	4	12	1	0	5	5	2	0	1	3	1	0	2	7	5	0	48
9:45 AM	2	6	0	0	1	6	3	0	2	4	3	0	2	7	8	0	44
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	20	64	8	2	39	54	20	3	17	29	19	0	54	100	33	4	466
APPROACH %'s :	21.28%	68.09%	8.51%	2.13%	33.62%	46.55%	17.24%	2.59%	26.15%	44.62%	29.23%	0.00%	28.27%	52.36%	17.28%	2.09%	
PEAK HR :	09:00 AM - 10:00 AM																TOTAL
PEAK HR VOL :	8	32	5	0	13	25	10	0	8	12	10	0	20	37	17	1	198
PEAK HR FACTOR :	0.500	0.667	0.625	0.000	0.542	0.694	0.833	0.000	0.667	0.750	0.500	0.000	0.500	0.712	0.531	0.250	0.868
	0.662				0.667				0.833				0.781				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	2	15	0	0	5	6	1	0	3	1	1	0	2	3	4	0	43
4:15 PM	1	8	0	0	2	4	0	1	3	2	2	0	3	11	7	0	44
4:30 PM	3	13	2	0	8	9	2	0	1	3	1	0	7	7	11	0	67
4:45 PM	0	12	2	0	1	7	0	0	0	1	2	0	7	3	2	0	37
5:00 PM	9	14	3	0	3	2	4	0	0	6	3	0	9	3	5	0	61
5:15 PM	4	18	1	0	2	7	1	0	3	4	2	0	9	8	2	0	61
5:30 PM	3	10	2	1	3	4	0	0	2	2	2	0	1	0	6	0	36
5:45 PM	2	12	2	0	2	5	0	0	1	1	2	0	7	5	10	0	49
6:00 PM	2	12	3	0	4	5	1	0	0	5	0	0	3	5	9	0	49
6:15 PM	2	17	0	0	5	7	0	0	2	2	3	0	4	4	8	0	54
6:30 PM	4	7	2	0	2	6	1	0	2	1	2	0	3	5	1	1	37
6:45 PM	2	10	1	0	5	7	1	0	1	1	0	0	2	8	8	1	47
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	34	148	18	1	42	69	11	1	18	29	20	0	57	62	73	2	585
APPROACH %'s :	16.92%	73.63%	8.96%	0.50%	34.15%	56.10%	8.94%	0.81%	26.87%	43.28%	29.85%	0.00%	29.38%	31.96%	37.63%	1.03%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	16	57	8	0	14	25	7	0	4	14	8	0	32	21	20	0	226
PEAK HR FACTOR :	0.444	0.792	0.667	0.000	0.438	0.694	0.438	0.000	0.333	0.583	0.667	0.000	0.889	0.656	0.455	0.000	0.843
	0.779				0.605				0.722				0.730				

National Data & Surveying Services

Intersection Turning Movement Count

Location: Indiana St & E Holly Ave
City: El Segundo
Control: 4-Way Stop

Project ID: 19-05651-006
Date: 10/24/2019

Bikes

NS/EW Streets:	Indiana St				Indiana St				E Holly Ave				E Holly Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
7:15 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7:30 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	0	0	0	0	2	0	0	0	1	1	0	0	0	0	0	5
APPROACH %'s :	100.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	50.00%	50.00%	0.00%					
PEAK HR :	09:00 AM - 10:00 AM																TOTAL
PEAK HR VOL :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	3
5:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
6:15 PM	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	3	1	0	0	0	0	2	0	0	0	2	0	0	0	1	0	9
APPROACH %'s :	75.00%	25.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	1	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0	4
PEAK HR FACTOR :	0.25	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	
	0.500								0.250								0.333

National Data & Surveying Services

Intersection Turning Movement Count

Location: Indiana St & E Holly Ave
City: El Segundo

Project ID: 19-05651-006
Date: 10/24/2019

Pedestrians (Crosswalks)

NS/EW Streets:	Indiana St		Indiana St		E Holly Ave		E Holly Ave		
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0
7:30 AM	1	1	3	2	1	2	0	0	10
7:45 AM	0	0	0	0	1	1	0	0	2
8:00 AM	0	0	1	0	0	0	0	2	3
8:15 AM	0	5	1	0	0	2	0	0	8
8:30 AM	1	1	0	0	0	3	0	0	5
8:45 AM	0	0	2	0	0	0	0	4	6
9:00 AM	0	0	0	0	0	2	0	1	3
9:15 AM	2	0	1	0	0	1	1	4	9
9:30 AM	1	0	2	1	0	1	0	1	6
9:45 AM	0	0	0	0	0	1	0	1	2
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	5	7	10	3	2	13	1	13	54
APPROACH %'s :	41.67%	58.33%	76.92%	23.08%	13.33%	86.67%	7.14%	92.86%	
PEAK HR :	09:00 AM - 10:00 AM								TOTAL
PEAK HR VOL :	3	0	3	1	0	5	1	7	20
PEAK HR FACTOR :	0.375		0.375	0.250		0.625	0.250	0.438	0.556
	0.375		0.333		0.625		0.400		

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
4:00 PM	1	1	0	1	0	0	2	2	7
4:15 PM	1	0	1	0	0	0	1	0	3
4:30 PM	0	0	4	1	1	0	0	0	6
4:45 PM	0	2	1	1	2	1	1	0	8
5:00 PM	0	0	0	4	0	0	3	6	13
5:15 PM	0	0	1	0	1	1	2	3	8
5:30 PM	0	1	5	1	3	0	5	3	18
5:45 PM	1	0	3	1	0	2	3	0	10
6:00 PM	0	0	1	0	3	1	1	0	6
6:15 PM	1	2	3	1	1	5	4	4	21
6:30 PM	2	0	0	0	10	9	0	1	22
6:45 PM	0	0	2	0	1	0	3	2	8
	EB	WB	EB	WB	NB	SB	NB	SB	TOTAL
TOTAL VOLUMES :	6	6	21	10	22	19	25	21	130
APPROACH %'s :	50.00%	50.00%	67.74%	32.26%	53.66%	46.34%	54.35%	45.65%	
PEAK HR :	04:30 PM - 05:30 PM								TOTAL
PEAK HR VOL :	0	2	6	6	4	2	6	9	35
PEAK HR FACTOR :		0.250	0.375	0.375	0.500	0.500	0.500	0.375	0.673
	0.250		0.600		0.500		0.417		

APPENDIX C:
LOS ANALYSIS SHEETS

EXISTING

Project Title: **Pacific Coast Commons**
Intersection: **1 - Pacific Coast Hwy & Imperial Hwy**
Description: **Existing 2019**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :	WBR		
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	18	0	0.000	N-S(1):	0.493 *
	TH	4.00	2,394	6,400	0.377	N-S(2):	0.437
	LT	2.00	421	2,560	0.164 *	E-W(1):	0.160 *
Westbound	RT	1.00	354	1,600	0.057	E-W(2):	0.110
	TH	3.00	255	4,800	0.053		
	LT	2.00	235	2,560	0.092 *	V/C:	0.653
Northbound	RT	1.00	429	1,600	0.222	Lost Time:	0.100
	TH	3.00	1,578	4,800	0.329 *	ITS:	0.000
	LT	1.00	96	1,600	0.060		
Eastbound	RT	1.00	156	1,600	0.068 *	ICU:	0.753
	TH	3.00	251	4,800	0.052		
	LT	2.00	136	2,560	0.053	LOS:	C

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	20	0	0.000	N-S(1):	0.690 *
	TH	4.00	2,254	6,400	0.355	N-S(2):	0.461
	LT	2.00	460	2,560	0.180 *	E-W(1):	0.134 *
Westbound	RT	1.00	413	1,600	0.078	E-W(2):	0.128
	TH	3.00	267	4,800	0.056		
	LT	2.00	156	2,560	0.061 *	V/C:	0.824
Northbound	RT	1.00	865	1,600	0.510 *	Lost Time:	0.100
	TH	3.00	1,365	4,800	0.284	ITS:	0.000
	LT	1.00	170	1,600	0.106		
Eastbound	RT	1.00	135	1,600	0.031	ICU:	0.924
	TH	3.00	351	4,800	0.073 *		
	LT	2.00	127	2,560	0.050	LOS:	E

* - Denotes critical movement

Project Title: **Pacific Coast Commons**
Intersection: **2 - Pacific Coast Hwy & Walnut Ave**
Description: **Existing 2019**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C		ICU ANALYSIS	
Southbound	RT	0.00	249	0	0.000		N-S(1):	0.358
	TH	4.00	2,483	6,400	0.427	*	N-S(2):	0.495 *
	LT	1.00	58	1,600	0.036		E-W(1):	0.041
Westbound	RT	0.68	19	1,086	0.000		E-W(2):	0.062 *
	TH	0.32	9	514	0.018	*		
	LT	1.00	9	1,600	0.006		V/C:	0.557
Northbound	RT	0.00	67	0	0.000		Lost Time:	0.100
	TH	4.00	1,994	6,400	0.322		ITS:	0.000
	LT	1.00	108	1,600	0.068	*		
Eastbound	RT	0.55	31	886	0.001		ICU:	0.657
	TH	0.45	25	714	0.035			
	LT	1.00	71	1,600	0.044	*	LOS:	B

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C		ICU ANALYSIS	
Southbound	RT	0.00	76	0	0.000		N-S(1):	0.378
	TH	4.00	2,428	6,400	0.391	*	N-S(2):	0.416 *
	LT	1.00	35	1,600	0.022		E-W(1):	0.119 *
Westbound	RT	0.65	36	1,047	0.023		E-W(2):	0.110
	TH	0.35	19	553	0.034			
	LT	1.00	53	1,600	0.033	*	V/C:	0.535
Northbound	RT	0.00	40	0	0.000		Lost Time:	0.100
	TH	4.00	2,239	6,400	0.356		ITS:	0.000
	LT	1.00	40	1,600	0.025	*		
Eastbound	RT	0.66	91	1,063	0.073		ICU:	0.635
	TH	0.34	46	537	0.086	*		
	LT	1.00	122	1,600	0.076		LOS:	B

* - Denotes critical movement

Project Title: **Pacific Coast Commons**
Intersection: **3 - Pacific Coast Hwy & Maple Ave**
Description: **Existing 2019**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	52	0	0.000	N-S(1):	0.388
	TH	4.00	2,287	6,400	0.365 *	N-S(2):	0.398 *
	LT	1.00	109	1,600	0.068	E-W(1):	0.119 *
Westbound	RT	1.00	65	1,600	0.007	E-W(2):	0.084
	TH	1.00	33	1,600	0.021		
	LT	1.00	24	1,600	0.015 *	V/C:	0.517
Northbound	RT	0.00	126	0	0.000	Lost Time:	0.100
	TH	4.00	1,925	6,400	0.320	ITS:	0.000
	LT	1.00	53	1,600	0.033 *		
Eastbound	RT	0.31	51	489	0.088	ICU:	0.617
	TH	0.69	116	1,111	0.104 *		
	LT	1.00	101	1,600	0.063	LOS:	B

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	48	0	0.000	N-S(1):	0.397
	TH	4.00	2,502	6,400	0.398 *	N-S(2):	0.461 *
	LT	1.00	89	1,600	0.056	E-W(1):	0.130 *
Westbound	RT	1.00	147	1,600	0.064	E-W(2):	0.100
	TH	1.00	110	1,600	0.069		
	LT	1.00	115	1,600	0.072 *	V/C:	0.591
Northbound	RT	0.00	58	0	0.000	Lost Time:	0.100
	TH	4.00	2,123	6,400	0.341	ITS:	0.000
	LT	1.00	100	1,600	0.063 *		
Eastbound	RT	0.35	33	568	0.027	ICU:	0.691
	TH	0.65	60	1,032	0.058 *		
	LT	1.00	49	1,600	0.031	LOS:	B

* - Denotes critical movement

Project Title: **Pacific Coast Commons**
Intersection: **4 - Pacific Coast Hwy & Mariposa Ave**
Description: **Existing 2019**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	85	0	0.000	N-S(1):	0.411 *
	TH	4.00	1,858	6,400	0.304	N-S(2):	0.342
	LT	2.00	311	2,560	0.121 *	E-W(1):	0.207 *
Westbound	RT	1.00	82	1,600	0.000	E-W(2):	0.136
	TH	1.00	97	1,600	0.061		
	LT	1.00	58	1,600	0.036 *	V/C:	0.618
Northbound	RT	1.00	106	1,600	0.048	Lost Time:	0.100
	TH	4.00	1,854	6,400	0.290 *	ITS:	0.000
	LT	1.00	60	1,600	0.038		
Eastbound	RT	0.18	49	287	0.152	ICU:	0.718
	TH	0.82	224	1,313	0.171 *		
	LT	1.00	120	1,600	0.075	LOS:	C

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	114	0	0.000	N-S(1):	0.409
	TH	4.00	2,254	6,400	0.370 *	N-S(2):	0.443 *
	LT	2.00	287	2,560	0.112	E-W(1):	0.241 *
Westbound	RT	1.00	202	1,600	0.070	E-W(2):	0.201
	TH	1.00	214	1,600	0.134		
	LT	1.00	172	1,600	0.108 *	V/C:	0.684
Northbound	RT	1.00	148	1,600	0.039	Lost Time:	0.100
	TH	4.00	1,899	6,400	0.297	ITS:	0.000
	LT	1.00	117	1,600	0.073 *		
Eastbound	RT	0.23	48	361	0.097	ICU:	0.784
	TH	0.77	165	1,239	0.133 *		
	LT	1.00	107	1,600	0.067	LOS:	C

* - Denotes critical movement

Project Title: **Pacific Coast Commons**
Intersection: **5 - Pacific Coast Hwy & Grand Ave**
Description: **Existing 2019**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	Y
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :	NBR,		
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	206	0	0.000	N-S(1):	0.516 *
	TH	4.00	1,336	6,400	0.241	N-S(2):	0.294
	LT	1.00	372	1,600	0.233 *	E-W(1):	0.130 *
Westbound	RT	1.00	51	1,600	0.000	E-W(2):	0.000
	TH	2.00	64	3,200	0.020 *		
	LT	2.00	41	2,560	0.016	V/C:	0.646
Northbound	RT	1.00	464	1,600	0.274	Lost Time:	0.100
	TH	4.00	1,811	6,400	0.283 *	ITS:	0.000
	LT	1.00	85	1,600	0.053		
Eastbound	RT	0.00	104	0	0.000	ICU:	0.746
	TH	1.92	167	3,075	0.088		
	LT	1.08	152	1,380	0.110 *	LOS:	C

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	156	0	0.000	N-S(1):	0.300
	TH	4.00	2,192	6,400	0.367 *	N-S(2):	0.464 *
	LT	1.00	91	1,600	0.057	E-W(1):	0.303 *
Westbound	RT	1.00	295	1,600	0.156	E-W(2):	0.000
	TH	2.00	184	3,200	0.058		
	LT	2.00	423	2,560	0.165 *	V/C:	0.767
Northbound	RT	1.00	183	1,600	0.000	Lost Time:	0.100
	TH	4.00	1,554	6,400	0.243	ITS:	0.000
	LT	1.00	155	1,600	0.097 *		
Eastbound	RT	0.00	153	0	0.000	ICU:	0.867
	TH	1.72	150	2,749	0.110		
	LT	1.28	226	1,641	0.138 *	LOS:	D

* - Denotes critical movement

Project Title: **Pacific Coast Commons**
Intersection: **6 - Pacific Coast Hwy & El Segundo Blvd**
Description: **Existing 2019**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.00	142	1,600	0.063	N-S(1):	0.502 *
	TH	4.00	1,140	6,400	0.178	N-S(2):	0.338
	LT	2.00	237	2,560	0.093 *	E-W(1):	0.169 *
Westbound	RT	1.00	191	1,600	0.073	E-W(2):	0.158
	TH	2.00	340	3,200	0.106		
	LT	2.00	172	2,560	0.067 *	V/C:	0.671
Northbound	RT	0.00	339	0	0.000	Lost Time:	0.100
	TH	4.00	2,279	6,400	0.409 *	ITS:	0.000
	LT	2.00	409	2,560	0.160		
Eastbound	RT	1.00	271	1,600	0.089	ICU:	0.771
	TH	2.00	325	3,200	0.102 *		
	LT	1.00	83	1,600	0.052	LOS:	C

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.00	96	1,600	0.009	N-S(1):	0.314
	TH	4.00	2,523	6,400	0.394 *	N-S(2):	0.522 *
	LT	2.00	185	2,560	0.072	E-W(1):	0.385 *
Westbound	RT	1.00	262	1,600	0.128	E-W(2):	0.230
	TH	2.00	398	3,200	0.124		
	LT	2.00	446	2,560	0.174 *	V/C:	0.907
Northbound	RT	0.00	214	0	0.000	Lost Time:	0.100
	TH	4.00	1,332	6,400	0.242	ITS:	0.000
	LT	2.00	327	2,560	0.128 *		
Eastbound	RT	1.00	440	1,600	0.211 *	ICU:	1.007
	TH	2.00	476	3,200	0.149		
	LT	1.00	163	1,600	0.102	LOS:	F

* - Denotes critical movement

Project Title: **Pacific Coast Commons**
Intersection: **7 - Nash St & Imperial Hwy**
Description: **Existing 2019**

Thru Lane:	1600 vph	N-S Split Phase :	Y
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.03	417	1,656	0.252	N-S(1):	0.278 *
	TH	1.97	792	3,144	0.252 *	N-S(2):	0.000
	LT	1.00	377	1,600	0.236	E-W(1):	0.279 *
Westbound	RT	0.00	0	0	0.000	E-W(2):	0.181
	TH	3.00	868	4,800	0.181		
	LT	2.00	317	2,560	0.124 *	V/C:	0.557
Northbound	RT	2.00	73	3,200	0.000	Lost Time:	0.100
	TH	0.00	0	0	0.000	ITS:	0.000
	LT	1.00	41	1,600	0.026 *		
Eastbound	RT	0.00	115	0	0.000	ICU:	0.657
	TH	3.00	631	4,800	0.155 *		
	LT	0.00	0	0	0.000	LOS:	B

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.45	200	2,313	0.086	N-S(1):	0.153 *
	TH	1.55	215	2,487	0.086 *	N-S(2):	0.000
	LT	1.00	91	1,600	0.057	E-W(1):	0.239 *
Westbound	RT	0.00	0	0	0.000	E-W(2):	0.128
	TH	3.00	614	4,800	0.128		
	LT	2.00	29	2,560	0.011 *	V/C:	0.392
Northbound	RT	2.00	233	3,200	0.067 *	Lost Time:	0.100
	TH	0.00	0	0	0.000	ITS:	0.000
	LT	1.00	94	1,600	0.059		
Eastbound	RT	0.00	74	0	0.000	ICU:	0.492
	TH	3.00	1,018	4,800	0.228 *		
	LT	0.00	0	0	0.000	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons**
Intersection: **8 - Laiport St & Mariposa Ave**
Description: **Existing 2019**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.28	25	455	0.043	N-S(1):	0.038
	TH	0.72	63	1,145	0.055 *	N-S(2):	0.085 *
	LT	1.00	5	1,600	0.003	E-W(1):	0.276 *
Westbound	RT	0.00	20	0	0.000	E-W(2):	0.097
	TH	2.00	214	3,200	0.073		
	LT	1.00	178	1,600	0.111 *	V/C:	0.361
Northbound	RT	2.00	57	3,200	0.000	Lost Time:	0.100
	TH	1.00	56	1,600	0.035	ITS:	0.000
	LT	1.00	48	1,600	0.030 *		
Eastbound	RT	0.00	182	0	0.000	ICU:	0.461
	TH	3.00	347	3,200	0.165 *		
	LT	1.00	38	1,600	0.024	LOS:	A

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.39	41	631	0.058	N-S(1):	0.112
	TH	0.61	63	969	0.065 *	N-S(2):	0.146 *
	LT	1.00	33	1,600	0.021	E-W(1):	0.162 *
Westbound	RT	0.00	27	0	0.000	E-W(2):	0.138
	TH	2.00	372	3,200	0.125		
	LT	1.00	67	1,600	0.042 *	V/C:	0.308
Northbound	RT	2.00	240	3,200	0.054	Lost Time:	0.100
	TH	1.00	145	1,600	0.091	ITS:	0.000
	LT	1.00	130	1,600	0.081 *		
Eastbound	RT	0.00	66	0	0.000	ICU:	0.408
	TH	3.00	509	4,800	0.120 *		
	LT	1.00	21	1,600	0.013	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons**
Intersection: **9 - Nash St & Mariposa Ave**
Description: **Existing 2019**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	197	0	0.000	N-S(1):	0.156
	TH	2.00	495	3,200	0.216 *	N-S(2):	0.234 *
	LT	1.00	68	1,600	0.043	E-W(1):	0.093
Westbound	RT	1.00	27	1,600	0.000	E-W(2):	0.123 *
	TH	2.00	221	3,200	0.069 *		
	LT	1.00	35	1,600	0.022	V/C:	0.357
Northbound	RT	0.00	61	0	0.000	Lost Time:	0.100
	TH	2.00	299	3,200	0.113	ITS:	0.000
	LT	1.00	29	1,600	0.018 *		
Eastbound	RT	1.00	43	1,600	0.018	ICU:	0.457
	TH	2.00	226	3,200	0.071		
	LT	1.00	87	1,600	0.054 *	LOS:	A

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	90	0	0.000	N-S(1):	0.263 *
	TH	2.00	245	3,200	0.105	N-S(2):	0.129
	LT	1.00	71	1,600	0.044 *	E-W(1):	0.192
Westbound	RT	1.00	36	1,600	0.000	E-W(2):	0.223 *
	TH	2.00	270	3,200	0.084 *		
	LT	1.00	36	1,600	0.023	V/C:	0.486
Northbound	RT	0.00	152	0	0.000	Lost Time:	0.100
	TH	2.00	550	3,200	0.219 *	ITS:	0.000
	LT	1.00	38	1,600	0.024		
Eastbound	RT	1.00	54	1,600	0.022	ICU:	0.586
	TH	2.00	542	3,200	0.169		
	LT	1.00	222	1,600	0.139 *	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons**
Intersection: **10 - Kansas St & Grand Ave**
Description: **Existing 2019**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	36	0	0.000	N-S(1):	0.053
	TH	1.00	29	1,600	0.046 *	N-S(2):	0.057 *
	LT	0.00	9	1,600	0.006	E-W(1):	0.154 *
Westbound	RT	0.00	9	0	0.000	E-W(2):	0.123
	TH	2.00	285	1,600	0.107		
	LT	0.00	48	1,600	0.030 *	V/C:	0.211
Northbound	RT	0.00	38	0	0.000	Lost Time:	0.100
	TH	1.00	19	1,600	0.047	ITS:	0.000
	LT	0.00	18	1,600	0.011 *		
Eastbound	RT	0.00	19	0	0.000	ICU:	0.311
	TH	2.00	353	1,600	0.124 *		
	LT	0.00	25	1,600	0.016	LOS:	A

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	36	0	0.000	N-S(1):	0.080 *
	TH	1.00	17	1,600	0.039	N-S(2):	0.053
	LT	0.00	9	1,600	0.006 *	E-W(1):	0.164 *
Westbound	RT	0.00	11	0	0.000	E-W(2):	0.150
	TH	2.00	407	1,600	0.137		
	LT	0.00	19	1,600	0.012 *	V/C:	0.244
Northbound	RT	0.00	65	0	0.000	Lost Time:	0.100
	TH	1.00	31	1,600	0.074 *	ITS:	0.000
	LT	0.00	22	1,600	0.014		
Eastbound	RT	0.00	11	0	0.000	ICU:	0.344
	TH	2.00	454	1,600	0.152 *		
	LT	0.00	20	1,600	0.013	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons**
Intersection: **11 - Continental Blvd & El Segundo Blvd**
Description: **Existing 2019**

Thru Lane:	1600 vph	N-S Split Phase :	Y
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.19	39	1,905	0.000	N-S(1):	0.032 *
	TH	0.89	29	1,417	0.020	N-S(2):	0.000
	LT	1.92	63	2,462	0.026 *	E-W(1):	0.136
Westbound	RT	0.00	420	0	0.000	E-W(2):	0.345 *
	TH	3.00	1,030	4,800	0.302 *		
	LT	2.00	44	2,560	0.017	V/C:	0.377
Northbound	RT	1.00	5	1,600	0.000	Lost Time:	0.100
	TH	1.83	14	2,922	0.005	ITS:	0.000
	LT	1.17	9	1,503	0.006 *		
Eastbound	RT	1.00	50	1,600	0.028	ICU:	0.477
	TH	3.00	571	4,800	0.119		
	LT	2.00	109	2,560	0.043 *	LOS:	A

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.75	104	2,797	0.031	N-S(1):	0.199 *
	TH	0.25	15	403	0.037	N-S(2):	0.000
	LT	2.00	393	2,560	0.154 *	E-W(1):	0.212 *
Westbound	RT	0.00	90	0	0.000	E-W(2):	0.194
	TH	3.00	782	4,800	0.182		
	LT	2.00	32	2,560	0.013 *	V/C:	0.411
Northbound	RT	1.93	138	3,095	0.038	Lost Time:	0.100
	TH	1.07	76	1,705	0.045 *	ITS:	0.000
	LT	1.00	66	1,600	0.041		
Eastbound	RT	1.00	12	1,600	0.000	ICU:	0.511
	TH	3.00	955	4,800	0.199 *		
	LT	2.00	30	2,560	0.012	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons**
Intersection: **12 - Nash St & El Segundo Blvd**
Description: **Existing 2019**

Thru Lane:	1600 vph	N-S Split Phase :	Y
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.00	33	1,600	0.006	N-S(1):	0.064 *
	TH	1.09	75	1,748	0.043	N-S(2):	0.000
	LT	1.91	131	2,442	0.054 *	E-W(1):	0.246
Westbound	RT	0.00	346	0	0.000	E-W(2):	0.405 *
	TH	3.00	1,458	4,800	0.376 *		
	LT	2.00	331	2,560	0.129	V/C:	0.469
Northbound	RT	1.00	11	1,600	0.000	Lost Time:	0.100
	TH	1.00	16	1,600	0.010 *	ITS:	0.000
	LT	2.00	3	2,560	0.001		
Eastbound	RT	1.00	28	1,600	0.017	ICU:	0.569
	TH	3.00	563	4,800	0.117		
	LT	2.00	73	2,560	0.029 *	LOS:	A

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.00	65	1,600	0.030	N-S(1):	0.211 *
	TH	1.00	13	1,600	0.008	N-S(2):	0.000
	LT	2.00	371	2,560	0.145 *	E-W(1):	0.315 *
Westbound	RT	0.00	151	0	0.000	E-W(2):	0.220
	TH	3.00	801	4,800	0.198		
	LT	2.00	31	2,560	0.012 *	V/C:	0.526
Northbound	RT	1.44	152	2,305	0.060	Lost Time:	0.100
	TH	0.56	59	895	0.066 *	ITS:	0.000
	LT	2.00	17	2,560	0.007		
Eastbound	RT	1.00	6	1,600	0.000	ICU:	0.626
	TH	3.00	1,456	4,800	0.303 *		
	LT	2.00	56	2,560	0.022	LOS:	B

* - Denotes critical movement

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	12	17	2	1586	1722	18
Future Vol, veh/h	12	17	2	1586	1722	18
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	130	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	13	18	2	1724	1872	20

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2576	946	1892	0	-	0
Stage 1	1882	-	-	-	-	-
Stage 2	694	-	-	-	-	-
Critical Hdwy	5.74	7.14	5.34	-	-	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	3.12	-	-	-
Pot Cap-1 Maneuver	45	225	142	-	-	-
Stage 1	68	-	-	-	-	-
Stage 2	416	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	44	225	142	-	-	-
Mov Cap-2 Maneuver	44	-	-	-	-	-
Stage 1	67	-	-	-	-	-
Stage 2	416	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	72.8	0	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	142	-	83	-	-
HCM Lane V/C Ratio	0.015	-	0.38	-	-
HCM Control Delay (s)	30.7	-	72.8	-	-
HCM Lane LOS	D	-	F	-	-
HCM 95th %tile Q(veh)	0	-	1.5	-	-

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	30	4	0	0	4	1487	58	22	1394	116
Future Vol, veh/h	0	0	30	4	0	0	4	1487	58	22	1394	116
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	0	55	-	0	70	-	-	155	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	0	33	4	0	0	4	1616	63	24	1515	126

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	-	821	2310	3345	840	1641	0	0	1679	0	0
Stage 1	-	-	-	1656	1656	-	-	-	-	-	-	-
Stage 2	-	-	-	654	1689	-	-	-	-	-	-	-
Critical Hdwy	-	-	7.14	6.44	6.54	7.14	5.34	-	-	5.34	-	-
Critical Hdwy Stg 1	-	-	-	7.34	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	6.74	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	3.92	3.82	4.02	3.92	3.12	-	-	3.12	-	-
Pot Cap-1 Maneuver	0	0	273	41	8	265	190	-	-	181	-	-
Stage 1	0	0	-	68	154	-	-	-	-	-	-	-
Stage 2	0	0	-	384	148	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	-	273	32	7	265	190	-	-	181	-	-
Mov Cap-2 Maneuver	-	-	-	32	7	-	-	-	-	-	-	-
Stage 1	-	-	-	67	151	-	-	-	-	-	-	-
Stage 2	-	-	-	293	128	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	20	134.5	0.1	0.4
HCM LOS	C	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	190	-	-	273	32	-	181	-	-
HCM Lane V/C Ratio	0.023	-	-	0.119	0.136	-	0.132	-	-
HCM Control Delay (s)	24.4	-	-	20	134.5	0	27.9	-	-
HCM Lane LOS	C	-	-	C	F	A	D	-	-
HCM 95th %tile Q(veh)	0.1	-	-	0.4	0.4	-	0.4	-	-

Intersection	
Int Delay, s/veh	1.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕				
Traffic Vol, veh/h	0	302	9	33	216	5	8	2	58	0	0	0
Future Vol, veh/h	0	302	9	33	216	5	8	2	58	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	16965	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	328	10	36	235	5	9	2	63	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	240	0	0	338	0	0	643	645	333
Stage 1	-	-	-	-	-	-	333	333	-
Stage 2	-	-	-	-	-	-	310	312	-
Critical Hdwy	4.12	-	-	4.12	-	-	6.42	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318
Pot Cap-1 Maneuver	1327	-	-	1221	-	-	438	391	709
Stage 1	-	-	-	-	-	-	726	644	-
Stage 2	-	-	-	-	-	-	744	658	-
Platoon blocked, %		-	-		-	-			
Mov Cap-1 Maneuver	1327	-	-	1221	-	-	423	0	709
Mov Cap-2 Maneuver	-	-	-	-	-	-	423	0	-
Stage 1	-	-	-	-	-	-	701	0	-
Stage 2	-	-	-	-	-	-	744	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	1	11.2
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR
Capacity (veh/h)	655	1327	-	-	1221	-	-
HCM Lane V/C Ratio	0.113	-	-	-	0.029	-	-
HCM Control Delay (s)	11.2	0	-	-	8	0	-
HCM Lane LOS	B	A	-	-	A	A	-
HCM 95th %tile Q(veh)	0.4	0	-	-	0.1	-	-

Intersection	
Intersection Delay, s/veh	7.4
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	8	12	10	21	37	17	8	32	5	13	25	10
Future Vol, veh/h	8	12	10	21	37	17	8	32	5	13	25	10
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	9	13	11	23	40	18	9	35	5	14	27	11
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.2	7.5	7.5	7.4
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	18%	27%	28%	27%
Vol Thru, %	71%	40%	49%	52%
Vol Right, %	11%	33%	23%	21%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	45	30	75	48
LT Vol	8	8	21	13
Through Vol	32	12	37	25
RT Vol	5	10	17	10
Lane Flow Rate	49	33	82	52
Geometry Grp	1	1	1	1
Degree of Util (X)	0.056	0.036	0.092	0.059
Departure Headway (Hd)	4.14	4.023	4.052	4.097
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	857	880	877	866
Service Time	2.204	2.092	2.109	2.162
HCM Lane V/C Ratio	0.057	0.037	0.094	0.06
HCM Control Delay	7.5	7.2	7.5	7.4
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.2	0.1	0.3	0.2

Intersection	
Int Delay, s/veh	0.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	5	21	3	1681	1946	28
Future Vol, veh/h	5	21	3	1681	1946	28
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	130	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	5	23	3	1827	2115	30

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2867	1073	2145	0	-	0
Stage 1	2130	-	-	-	-	-
Stage 2	737	-	-	-	-	-
Critical Hdwy	5.74	7.14	5.34	-	-	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	3.12	-	-	-
Pot Cap-1 Maneuver	31	185	105	-	-	-
Stage 1	47	-	-	-	-	-
Stage 2	394	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	30	185	105	-	-	-
Mov Cap-2 Maneuver	30	-	-	-	-	-
Stage 1	46	-	-	-	-	-
Stage 2	394	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	59.8	0.1	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	105	-	93	-	-
HCM Lane V/C Ratio	0.031	-	0.304	-	-
HCM Control Delay (s)	40.4	-	59.8	-	-
HCM Lane LOS	E	-	F	-	-
HCM 95th %tile Q(veh)	0.1	-	1.1	-	-

Intersection	
Int Delay, s/veh	2.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	50	16	0	10	5	1504	73	16	1799	67
Future Vol, veh/h	0	0	50	16	0	10	5	1504	73	16	1799	67
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	0	55	-	0	70	-	-	155	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	0	54	17	0	11	5	1635	79	17	1955	73

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	-	1014	2501	3747	857	2028	0	0	1714	0	0
Stage 1	-	-	-	1685	1685	-	-	-	-	-	-	-
Stage 2	-	-	-	816	2062	-	-	-	-	-	-	-
Critical Hdwy	-	-	7.14	6.44	6.54	7.14	5.34	-	-	5.34	-	-
Critical Hdwy Stg 1	-	-	-	7.34	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	6.74	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	3.92	3.82	4.02	3.92	3.12	-	-	3.12	-	-
Pot Cap-1 Maneuver	0	0	203	31	4	258	121	-	-	174	-	-
Stage 1	0	0	-	65	149	-	-	-	-	-	-	-
Stage 2	0	0	-	306	96	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	-	203	20	3	258	121	-	-	174	-	-
Mov Cap-2 Maneuver	-	-	-	20	3	-	-	-	-	-	-	-
Stage 1	-	-	-	62	143	-	-	-	-	-	-	-
Stage 2	-	-	-	202	87	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	29.1	267.7	0.1	0.2
HCM LOS	D	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	121	-	-	203	20	258	174	-	-
HCM Lane V/C Ratio	0.045	-	-	0.268	0.87	0.042	0.1	-	-
HCM Control Delay (s)	36.1	-	-	29.1$	422.7	19.6	28	-	-
HCM Lane LOS	E	-	-	D	F	C	D	-	-
HCM 95th %tile Q(veh)	0.1	-	-	1	2.4	0.1	0.3	-	-

Intersection	
Int Delay, s/veh	1.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕				
Traffic Vol, veh/h	0	323	7	34	390	3	17	2	78	0	0	0
Future Vol, veh/h	0	323	7	34	390	3	17	2	78	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	16965	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	351	8	37	424	3	18	2	85	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	427	0	0	359	0	0	855	856	355
Stage 1	-	-	-	-	-	-	355	355	-
Stage 2	-	-	-	-	-	-	500	501	-
Critical Hdwy	4.12	-	-	4.12	-	-	6.42	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318
Pot Cap-1 Maneuver	1132	-	-	1200	-	-	329	295	689
Stage 1	-	-	-	-	-	-	710	630	-
Stage 2	-	-	-	-	-	-	609	543	-
Platoon blocked, %		-	-		-	-			
Mov Cap-1 Maneuver	1132	-	-	1200	-	-	316	0	689
Mov Cap-2 Maneuver	-	-	-	-	-	-	316	0	-
Stage 1	-	-	-	-	-	-	682	0	-
Stage 2	-	-	-	-	-	-	609	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.6	12.8
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR
Capacity (veh/h)	569	1132	-	-	1200	-	-
HCM Lane V/C Ratio	0.185	-	-	-	0.031	-	-
HCM Control Delay (s)	12.8	0	-	-	8.1	0	-
HCM Lane LOS	B	A	-	-	A	A	-
HCM 95th %tile Q(veh)	0.7	0	-	-	0.1	-	-

Intersection	
Intersection Delay, s/veh	7.6
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	4	14	8	32	21	20	16	57	8	14	25	7
Future Vol, veh/h	4	14	8	32	21	20	16	57	8	14	25	7
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	4	15	9	35	23	22	17	62	9	15	27	8
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.3	7.6	7.7	7.5
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	20%	15%	44%	30%
Vol Thru, %	70%	54%	29%	54%
Vol Right, %	10%	31%	27%	15%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	81	26	73	46
LT Vol	16	4	32	14
Through Vol	57	14	21	25
RT Vol	8	8	20	7
Lane Flow Rate	88	28	79	50
Geometry Grp	1	1	1	1
Degree of Util (X)	0.101	0.032	0.091	0.058
Departure Headway (Hd)	4.14	4.08	4.116	4.159
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	858	864	859	852
Service Time	2.205	2.17	2.194	2.232
HCM Lane V/C Ratio	0.103	0.032	0.092	0.059
HCM Control Delay	7.7	7.3	7.6	7.5
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.3	0.1	0.3	0.2

EXISTING PLUS PROJECT

Project Title: **Pacific Coast Commons Project**
Intersection: **1 - Pacific Coast Hwy & Imperial Hwy**
Description: **Existing + Project**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :	WBR		
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	18	0	0.000	N-S(1):	0.495 *
	TH	4.00	2,419	6,400	0.381	N-S(2):	0.442
	LT	2.00	421	2,560	0.164 *	E-W(1):	0.160 *
Westbound	RT	1.00	354	1,600	0.057	E-W(2):	0.110
	TH	3.00	255	4,800	0.053		
	LT	2.00	235	2,560	0.092 *	V/C:	0.655
Northbound	RT	1.00	463	1,600	0.243	Lost Time:	0.100
	TH	3.00	1,589	4,800	0.331 *	ITS:	0.000
	LT	1.00	98	1,600	0.061		
Eastbound	RT	1.00	157	1,600	0.068 *	ICU:	0.755
	TH	3.00	251	4,800	0.052		
	LT	2.00	136	2,560	0.053	LOS:	C

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	20	0	0.000	N-S(1):	0.709 *
	TH	4.00	2,309	6,400	0.364	N-S(2):	0.472
	LT	2.00	460	2,560	0.180 *	E-W(1):	0.134 *
Westbound	RT	1.00	413	1,600	0.078	E-W(2):	0.128
	TH	3.00	267	4,800	0.056		
	LT	2.00	156	2,560	0.061 *	V/C:	0.843
Northbound	RT	1.00	895	1,600	0.529 *	Lost Time:	0.100
	TH	3.00	1,375	4,800	0.286	ITS:	0.000
	LT	1.00	172	1,600	0.108		
Eastbound	RT	1.00	137	1,600	0.032	ICU:	0.943
	TH	3.00	351	4,800	0.073 *		
	LT	2.00	127	2,560	0.050	LOS:	E

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **2 - Pacific Coast Hwy & Walnut Ave**
Description: **Existing + Project**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	249	0	0.000	N-S(1):	0.365
	TH	4.00	2,509	6,400	0.431 *	N-S(2):	0.499 *
	LT	1.00	58	1,600	0.036	E-W(1):	0.041
Westbound	RT	0.68	19	1,086	0.000	E-W(2):	0.062 *
	TH	0.32	9	514	0.018 *		
	LT	1.00	9	1,600	0.006	V/C:	0.561
Northbound	RT	0.00	67	0	0.000	Lost Time:	0.100
	TH	4.00	2,041	6,400	0.329	ITS:	0.000
	LT	1.00	108	1,600	0.068 *		
Eastbound	RT	0.55	31	886	0.001	ICU:	0.661
	TH	0.45	25	714	0.035		
	LT	1.00	71	1,600	0.044 *	LOS:	B

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	76	0	0.000	N-S(1):	0.385
	TH	4.00	2,485	6,400	0.400 *	N-S(2):	0.425 *
	LT	1.00	35	1,600	0.022	E-W(1):	0.119 *
Westbound	RT	0.65	36	1,047	0.023	E-W(2):	0.110
	TH	0.35	19	553	0.034		
	LT	1.00	53	1,600	0.033 *	V/C:	0.544
Northbound	RT	0.00	40	0	0.000	Lost Time:	0.100
	TH	4.00	2,281	6,400	0.363	ITS:	0.000
	LT	1.00	40	1,600	0.025 *		
Eastbound	RT	0.66	91	1,063	0.073	ICU:	0.644
	TH	0.34	46	537	0.086 *		
	LT	1.00	122	1,600	0.076	LOS:	B

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **3 - Pacific Coast Hwy & Maple Ave**
Description: **Existing + Project**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C		ICU ANALYSIS	
Southbound	RT	0.00	52	0	0.000		N-S(1):	0.396
	TH	4.00	2,313	6,400	0.370	*	N-S(2):	0.403 *
	LT	1.00	109	1,600	0.068		E-W(1):	0.120 *
Westbound	RT	1.00	65	1,600	0.007		E-W(2):	0.084
	TH	1.00	33	1,600	0.021			
	LT	1.00	26	1,600	0.016	*	V/C:	0.523
Northbound	RT	0.00	129	0	0.000		Lost Time:	0.100
	TH	4.00	1,972	6,400	0.328		ITS:	0.000
	LT	1.00	53	1,600	0.033	*		
Eastbound	RT	0.31	51	489	0.088		ICU:	0.623
	TH	0.69	116	1,111	0.104	*		
	LT	1.00	101	1,600	0.063		LOS:	B

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C		ICU ANALYSIS	
Southbound	RT	0.00	48	0	0.000		N-S(1):	0.404
	TH	4.00	2,559	6,400	0.407	*	N-S(2):	0.470 *
	LT	1.00	89	1,600	0.056		E-W(1):	0.132 *
Westbound	RT	1.00	147	1,600	0.064		E-W(2):	0.100
	TH	1.00	110	1,600	0.069			
	LT	1.00	119	1,600	0.074	*	V/C:	0.602
Northbound	RT	0.00	61	0	0.000		Lost Time:	0.100
	TH	4.00	2,165	6,400	0.348		ITS:	0.000
	LT	1.00	100	1,600	0.063	*		
Eastbound	RT	0.35	33	568	0.027		ICU:	0.702
	TH	0.65	60	1,032	0.058	*		
	LT	1.00	49	1,600	0.031		LOS:	C

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **4 - Pacific Coast Hwy & Mariposa Ave**
Description: **Existing + Project**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	82	0	0.000	N-S(1):	0.413 *
	TH	4.00	1,882	6,400	0.307	N-S(2):	0.353
	LT	2.00	309	2,560	0.121 *	E-W(1):	0.178 *
Westbound	RT	1.00	82	1,600	0.000	E-W(2):	0.160
	TH	1.00	97	1,600	0.061		
	LT	1.00	58	1,600	0.036 *	V/C:	0.591
Northbound	RT	1.00	106	1,600	0.048	Lost Time:	0.100
	TH	4.00	1,866	6,400	0.292 *	ITS:	0.000
	LT	1.00	73	1,600	0.046		
Eastbound	RT	1.00	61	1,600	0.015	ICU:	0.691
	TH	1.00	227	1,600	0.142 *		
	LT	1.00	158	1,600	0.099	LOS:	B

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	118	0	0.000	N-S(1):	0.410
	TH	4.00	2,284	6,400	0.375 *	N-S(2):	0.463 *
	LT	2.00	284	2,560	0.111	E-W(1):	0.214
Westbound	RT	1.00	202	1,600	0.071	E-W(2):	0.220 *
	TH	1.00	215	1,600	0.134 *		
	LT	1.00	172	1,600	0.108	V/C:	0.683
Northbound	RT	1.00	148	1,600	0.039	Lost Time:	0.100
	TH	4.00	1,915	6,400	0.299	ITS:	0.000
	LT	1.00	141	1,600	0.088 *		
Eastbound	RT	1.00	59	1,600	0.000	ICU:	0.783
	TH	1.00	169	1,600	0.106		
	LT	1.00	137	1,600	0.086 *	LOS:	C

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **5 - Pacific Coast Hwy & Grand Ave**
Description: **Existing + Project**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	Y
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :	NBR,		
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	206	0	0.000	N-S(1):	0.526 *
	TH	4.00	1,357	6,400	0.244	N-S(2):	0.298
	LT	1.00	386	1,600	0.241 *	E-W(1):	0.132 *
Westbound	RT	1.00	53	1,600	0.000	E-W(2):	0.000
	TH	2.00	64	3,200	0.020 *		
	LT	2.00	41	2,560	0.016	V/C:	0.658
Northbound	RT	1.00	464	1,600	0.274	Lost Time:	0.100
	TH	4.00	1,824	6,400	0.285 *	ITS:	0.000
	LT	1.00	87	1,600	0.054		
Eastbound	RT	0.00	111	0	0.000	ICU:	0.758
	TH	1.94	168	3,107	0.090		
	LT	1.06	152	1,354	0.112 *	LOS:	C

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	156	0	0.000	N-S(1):	0.314
	TH	4.00	2,212	6,400	0.370 *	N-S(2):	0.472 *
	LT	1.00	107	1,600	0.067	E-W(1):	0.304 *
Westbound	RT	1.00	298	1,600	0.153	E-W(2):	0.000
	TH	2.00	186	3,200	0.058		
	LT	2.00	423	2,560	0.165 *	V/C:	0.776
Northbound	RT	1.00	183	1,600	0.000	Lost Time:	0.100
	TH	4.00	1,580	6,400	0.247	ITS:	0.000
	LT	1.00	163	1,600	0.102 *		
Eastbound	RT	0.00	158	0	0.000	ICU:	0.876
	TH	1.73	151	2,772	0.111		
	LT	1.27	226	1,622	0.139 *	LOS:	D

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **6 - Pacific Coast Hwy & El Segundo Blvd**
Description: **Existing + Project**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.00	145	1,600	0.064	N-S(1):	0.509 *
	TH	4.00	1,149	6,400	0.180	N-S(2):	0.340
	LT	2.00	254	2,560	0.099 *	E-W(1):	0.169 *
Westbound	RT	1.00	200	1,600	0.075	E-W(2):	0.159
	TH	2.00	340	3,200	0.106		
	LT	2.00	172	2,560	0.067 *	V/C:	0.678
Northbound	RT	0.00	339	0	0.000	Lost Time:	0.100
	TH	4.00	2,284	6,400	0.410 *	ITS:	0.000
	LT	2.00	409	2,560	0.160		
Eastbound	RT	1.00	271	1,600	0.089	ICU:	0.778
	TH	2.00	325	3,200	0.102 *		
	LT	1.00	84	1,600	0.053	LOS:	C

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.00	98	1,600	0.009	N-S(1):	0.321
	TH	4.00	2,531	6,400	0.395 *	N-S(2):	0.523 *
	LT	2.00	200	2,560	0.078	E-W(1):	0.385 *
Westbound	RT	1.00	283	1,600	0.138	E-W(2):	0.242
	TH	2.00	398	3,200	0.124		
	LT	2.00	446	2,560	0.174 *	V/C:	0.908
Northbound	RT	0.00	214	0	0.000	Lost Time:	0.100
	TH	4.00	1,342	6,400	0.243	ITS:	0.000
	LT	2.00	327	2,560	0.128 *		
Eastbound	RT	1.00	440	1,600	0.211 *	ICU:	1.008
	TH	2.00	476	3,200	0.149		
	LT	1.00	166	1,600	0.104	LOS:	F

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **7 - Nash St & Imperial Hwy**
Description: **Existing + Project**

Thru Lane:	1600 vph	N-S Split Phase :	Y
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.03	417	1,656	0.252	N-S(1):	0.278 *
	TH	1.97	792	3,144	0.252 *	N-S(2):	0.000
	LT	1.00	377	1,600	0.236	E-W(1):	0.279 *
Westbound	RT	0.00	0	0	0.000	E-W(2):	0.181
	TH	3.00	868	4,800	0.181		
	LT	2.00	317	2,560	0.124 *	V/C:	0.557
Northbound	RT	2.00	73	3,200	0.000	Lost Time:	0.100
	TH	0.00	0	0	0.000	ITS:	0.000
	LT	1.00	41	1,600	0.026 *		
Eastbound	RT	0.00	115	0	0.000	ICU:	0.657
	TH	3.00	631	4,800	0.155 *		
	LT	0.00	0	0	0.000	LOS:	B

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.45	200	2,313	0.086	N-S(1):	0.153 *
	TH	1.55	215	2,487	0.086 *	N-S(2):	0.000
	LT	1.00	91	1,600	0.057	E-W(1):	0.239 *
Westbound	RT	0.00	0	0	0.000	E-W(2):	0.128
	TH	3.00	614	4,800	0.128		
	LT	2.00	29	2,560	0.011 *	V/C:	0.392
Northbound	RT	2.00	233	3,200	0.067 *	Lost Time:	0.100
	TH	0.00	0	0	0.000	ITS:	0.000
	LT	1.00	94	1,600	0.059		
Eastbound	RT	0.00	74	0	0.000	ICU:	0.492
	TH	3.00	1,018	4,800	0.228 *		
	LT	0.00	0	0	0.000	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **8 - Laiport St & Mariposa Ave**
Description: **Existing + Project**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.28	25	455	0.043	N-S(1):	0.038
	TH	0.72	63	1,145	0.055 *	N-S(2):	0.085 *
	LT	1.00	5	1,600	0.003	E-W(1):	0.277 *
Westbound	RT	0.00	20	0	0.000	E-W(2):	0.097
	TH	2.00	215	3,200	0.073		
	LT	1.00	178	1,600	0.111 *	V/C:	0.362
Northbound	RT	2.00	57	3,200	0.000	Lost Time:	0.100
	TH	1.00	56	1,600	0.035	ITS:	0.000
	LT	1.00	48	1,600	0.030 *		
Eastbound	RT	0.00	182	0	0.000	ICU:	0.462
	TH	3.00	348	3,200	0.166 *		
	LT	1.00	38	1,600	0.024	LOS:	A

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.39	41	631	0.058	N-S(1):	0.112
	TH	0.61	63	969	0.065 *	N-S(2):	0.146 *
	LT	1.00	33	1,600	0.021	E-W(1):	0.162 *
Westbound	RT	0.00	27	0	0.000	E-W(2):	0.138
	TH	2.00	374	3,200	0.125		
	LT	1.00	67	1,600	0.042 *	V/C:	0.308
Northbound	RT	2.00	240	3,200	0.054	Lost Time:	0.100
	TH	1.00	145	1,600	0.091	ITS:	0.000
	LT	1.00	130	1,600	0.081 *		
Eastbound	RT	0.00	66	0	0.000	ICU:	0.408
	TH	3.00	510	4,800	0.120 *		
	LT	1.00	21	1,600	0.013	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **9 - Nash St & Mariposa Ave**
Description: **Existing + Project**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	197	0	0.000	N-S(1):	0.156
	TH	2.00	495	3,200	0.216 *	N-S(2):	0.234 *
	LT	1.00	68	1,600	0.043	E-W(1):	0.093
Westbound	RT	1.00	27	1,600	0.000	E-W(2):	0.123 *
	TH	2.00	222	3,200	0.069 *		
	LT	1.00	35	1,600	0.022	V/C:	0.357
Northbound	RT	0.00	61	0	0.000	Lost Time:	0.100
	TH	2.00	299	3,200	0.113	ITS:	0.000
	LT	1.00	29	1,600	0.018 *		
Eastbound	RT	1.00	43	1,600	0.018	ICU:	0.457
	TH	2.00	227	3,200	0.071		
	LT	1.00	87	1,600	0.054 *	LOS:	A

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	90	0	0.000	N-S(1):	0.263 *
	TH	2.00	245	3,200	0.105	N-S(2):	0.129
	LT	1.00	71	1,600	0.044 *	E-W(1):	0.193
Westbound	RT	1.00	36	1,600	0.000	E-W(2):	0.224 *
	TH	2.00	272	3,200	0.085 *		
	LT	1.00	36	1,600	0.023	V/C:	0.487
Northbound	RT	0.00	152	0	0.000	Lost Time:	0.100
	TH	2.00	550	3,200	0.219 *	ITS:	0.000
	LT	1.00	38	1,600	0.024		
Eastbound	RT	1.00	54	1,600	0.022	ICU:	0.587
	TH	2.00	543	3,200	0.170		
	LT	1.00	222	1,600	0.139 *	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **10 - Kansas St & Grand Ave**
Description: **Existing + Project**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	36	0	0.000	N-S(1):	0.053
	TH	1.00	29	1,600	0.046 *	N-S(2):	0.057 *
	LT	0.00	9	1,600	0.006	E-W(1):	0.154 *
Westbound	RT	0.00	9	0	0.000	E-W(2):	0.123
	TH	2.00	286	1,600	0.107		
	LT	0.00	48	1,600	0.030 *	V/C:	0.211
Northbound	RT	0.00	38	0	0.000	Lost Time:	0.100
	TH	1.00	19	1,600	0.047	ITS:	0.000
	LT	0.00	18	1,600	0.011 *		
Eastbound	RT	0.00	19	0	0.000	ICU:	0.311
	TH	2.00	353	1,600	0.124 *		
	LT	0.00	25	1,600	0.016	LOS:	A

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	36	0	0.000	N-S(1):	0.080 *
	TH	1.00	17	1,600	0.039	N-S(2):	0.053
	LT	0.00	9	1,600	0.006 *	E-W(1):	0.164 *
Westbound	RT	0.00	11	0	0.000	E-W(2):	0.150
	TH	2.00	408	1,600	0.137		
	LT	0.00	19	1,600	0.012 *	V/C:	0.244
Northbound	RT	0.00	65	0	0.000	Lost Time:	0.100
	TH	1.00	31	1,600	0.074 *	ITS:	0.000
	LT	0.00	22	1,600	0.014		
Eastbound	RT	0.00	11	0	0.000	ICU:	0.344
	TH	2.00	455	1,600	0.152 *		
	LT	0.00	20	1,600	0.013	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **11 - Continental Blvd & El Segundo Blvd**
Description: **Existing + Project**

Thru Lane:	1600 vph	N-S Split Phase :	Y
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.19	39	1,905	0.000	N-S(1):	0.032 *
	TH	0.89	29	1,417	0.020	N-S(2):	0.000
	LT	1.92	63	2,462	0.026 *	E-W(1):	0.140
Westbound	RT	0.00	420	0	0.000	E-W(2):	0.347 *
	TH	3.00	1,039	4,800	0.304 *		
	LT	2.00	44	2,560	0.017	V/C:	0.379
Northbound	RT	1.00	5	1,600	0.000	Lost Time:	0.100
	TH	1.83	14	2,922	0.005	ITS:	0.000
	LT	1.17	9	1,503	0.006 *		
Eastbound	RT	1.00	50	1,600	0.028	ICU:	0.479
	TH	3.00	588	4,800	0.123		
	LT	2.00	109	2,560	0.043 *	LOS:	A

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.75	104	2,797	0.031	N-S(1):	0.199 *
	TH	0.25	15	403	0.037	N-S(2):	0.000
	LT	2.00	393	2,560	0.154 *	E-W(1):	0.215 *
Westbound	RT	0.00	90	0	0.000	E-W(2):	0.198
	TH	3.00	803	4,800	0.186		
	LT	2.00	32	2,560	0.013 *	V/C:	0.414
Northbound	RT	1.93	138	3,095	0.038	Lost Time:	0.100
	TH	1.07	76	1,705	0.045 *	ITS:	0.000
	LT	1.00	66	1,600	0.041		
Eastbound	RT	1.00	12	1,600	0.000	ICU:	0.514
	TH	3.00	970	4,800	0.202 *		
	LT	2.00	30	2,560	0.012	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **12 - Nash St & El Segundo Blvd**
Description: **Existing + Project**

Thru Lane:	1600 vph	N-S Split Phase :	Y
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.00	33	1,600	0.006	N-S(1):	0.064 *
	TH	1.09	75	1,748	0.043	N-S(2):	0.000
	LT	1.91	131	2,442	0.054 *	E-W(1):	0.250
Westbound	RT	0.00	346	0	0.000	E-W(2):	0.407 *
	TH	3.00	1,467	4,800	0.378 *		
	LT	2.00	331	2,560	0.129	V/C:	0.471
Northbound	RT	1.00	11	1,600	0.000	Lost Time:	0.100
	TH	1.00	16	1,600	0.010 *	ITS:	0.000
	LT	2.00	3	2,560	0.001		
Eastbound	RT	1.00	28	1,600	0.017	ICU:	0.571
	TH	3.00	580	4,800	0.121		
	LT	2.00	73	2,560	0.029 *	LOS:	A

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.00	65	1,600	0.030	N-S(1):	0.211 *
	TH	1.00	13	1,600	0.008	N-S(2):	0.000
	LT	2.00	371	2,560	0.145 *	E-W(1):	0.318 *
Westbound	RT	0.00	151	0	0.000	E-W(2):	0.225
	TH	3.00	822	4,800	0.203		
	LT	2.00	31	2,560	0.012 *	V/C:	0.529
Northbound	RT	1.44	152	2,305	0.060	Lost Time:	0.100
	TH	0.56	59	895	0.066 *	ITS:	0.000
	LT	2.00	17	2,560	0.007		
Eastbound	RT	1.00	6	1,600	0.000	ICU:	0.629
	TH	3.00	1,471	4,800	0.306 *		
	LT	2.00	56	2,560	0.022	LOS:	B

* - Denotes critical movement

Intersection	
Int Delay, s/veh	0.8

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	13	19	3	1635	1743	25
Future Vol, veh/h	13	19	3	1635	1743	25
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	130	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	14	21	3	1777	1895	27

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2626	961	1922	0	-	0
Stage 1	1909	-	-	-	-	-
Stage 2	717	-	-	-	-	-
Critical Hdwy	5.74	7.14	5.34	-	-	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	3.12	-	-	-
Pot Cap-1 Maneuver	43	220	137	-	-	-
Stage 1	65	-	-	-	-	-
Stage 2	404	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	42	220	137	-	-	-
Mov Cap-2 Maneuver	42	-	-	-	-	-
Stage 1	64	-	-	-	-	-
Stage 2	404	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	79.4	0.1	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	137	-	81	-	-
HCM Lane V/C Ratio	0.024	-	0.429	-	-
HCM Control Delay (s)	31.9	-	79.4	-	-
HCM Lane LOS	D	-	F	-	-
HCM 95th %tile Q(veh)	0.1	-	1.7	-	-

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	33	4	0	0	5	1513	58	22	1426	116
Future Vol, veh/h	0	0	33	4	0	0	5	1513	58	22	1426	116
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	0	55	-	0	70	-	-	155	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	0	36	4	0	0	5	1645	63	24	1550	126

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	-	838	2355	3411	854	1676	0	0	1708	0	0
Stage 1	-	-	-	1687	1687	-	-	-	-	-	-	-
Stage 2	-	-	-	668	1724	-	-	-	-	-	-	-
Critical Hdwy	-	-	7.14	6.44	6.54	7.14	5.34	-	-	5.34	-	-
Critical Hdwy Stg 1	-	-	-	7.34	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	6.74	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	3.92	3.82	4.02	3.92	3.12	-	-	3.12	-	-
Pot Cap-1 Maneuver	0	0	266	38	7	259	182	-	-	176	-	-
Stage 1	0	0	-	65	148	-	-	-	-	-	-	-
Stage 2	0	0	-	377	142	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	-	266	29	6	259	182	-	-	176	-	-
Mov Cap-2 Maneuver	-	-	-	29	6	-	-	-	-	-	-	-
Stage 1	-	-	-	63	144	-	-	-	-	-	-	-
Stage 2	-	-	-	282	123	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	20.6	149.9	0.1	0.4
HCM LOS	C	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	182	-	-	266	29	-	176	-	-
HCM Lane V/C Ratio	0.03	-	-	0.135	0.15	-	0.136	-	-
HCM Control Delay (s)	25.4	-	-	20.6	149.9	0	28.6	-	-
HCM Lane LOS	D	-	-	C	F	A	D	-	-
HCM 95th %tile Q(veh)	0.1	-	-	0.5	0.5	-	0.5	-	-

Intersection	
Int Delay, s/veh	2.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕				
Traffic Vol, veh/h	0	302	9	37	216	2	8	2	84	26	0	0
Future Vol, veh/h	0	302	9	37	216	2	8	2	84	26	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	16965	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	328	10	40	235	2	9	2	91	28	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	237	0	0	338	0	0	649	650	333
Stage 1	-	-	-	-	-	-	333	333	-
Stage 2	-	-	-	-	-	-	316	317	-
Critical Hdwy	4.12	-	-	4.12	-	-	6.42	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318
Pot Cap-1 Maneuver	1330	-	-	1221	-	-	434	388	709
Stage 1	-	-	-	-	-	-	726	644	-
Stage 2	-	-	-	-	-	-	739	654	-
Platoon blocked, %		-	-		-	-			
Mov Cap-1 Maneuver	1330	-	-	1221	-	-	418	0	709
Mov Cap-2 Maneuver	-	-	-	-	-	-	418	0	-
Stage 1	-	-	-	-	-	-	698	0	-
Stage 2	-	-	-	-	-	-	739	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	1.2	11.3
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR
Capacity (veh/h)	669	1330	-	-	1221	-	-
HCM Lane V/C Ratio	0.153	-	-	-	0.033	-	-
HCM Control Delay (s)	11.3	0	-	-	8	0	-
HCM Lane LOS	B	A	-	-	A	A	-
HCM 95th %tile Q(veh)	0.5	0	-	-	0.1	-	-

Intersection	
Intersection Delay, s/veh	7.5
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	8	12	10	21	37	18	8	35	5	16	34	10
Future Vol, veh/h	8	12	10	21	37	18	8	35	5	16	34	10
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	9	13	11	23	40	20	9	38	5	17	37	11
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.3	7.6	7.5	7.5
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	17%	27%	28%	27%
Vol Thru, %	73%	40%	49%	57%
Vol Right, %	10%	33%	24%	17%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	48	30	76	60
LT Vol	8	8	21	16
Through Vol	35	12	37	34
RT Vol	5	10	18	10
Lane Flow Rate	52	33	83	65
Geometry Grp	1	1	1	1
Degree of Util (X)	0.06	0.037	0.094	0.075
Departure Headway (Hd)	4.154	4.053	4.075	4.126
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	853	872	871	859
Service Time	2.226	2.133	2.142	2.195
HCM Lane V/C Ratio	0.061	0.038	0.095	0.076
HCM Control Delay	7.5	7.3	7.6	7.5
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.2	0.1	0.3	0.2

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	6	21	6	1725	1983	52
Future Vol, veh/h	6	21	6	1725	1983	52
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	130	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	7	23	7	1875	2155	57

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2948	1106	2212	0	-	0
Stage 1	2184	-	-	-	-	-
Stage 2	764	-	-	-	-	-
Critical Hdwy	5.74	7.14	5.34	-	-	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	3.12	-	-	-
Pot Cap-1 Maneuver	28	176	97	-	-	-
Stage 1	43	-	-	-	-	-
Stage 2	382	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	26	176	97	-	-	-
Mov Cap-2 Maneuver	26	-	-	-	-	-
Stage 1	40	-	-	-	-	-
Stage 2	382	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	78.1	0.2	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	97	-	77	-	-
HCM Lane V/C Ratio	0.067	-	0.381	-	-
HCM Control Delay (s)	44.8	-	78.1	-	-
HCM Lane LOS	E	-	F	-	-
HCM 95th %tile Q(veh)	0.2	-	1.5	-	-

Intersection	
Int Delay, s/veh	3.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	56	16	0	10	7	1545	73	16	1830	67
Future Vol, veh/h	0	0	56	16	0	10	7	1545	73	16	1830	67
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	0	55	-	0	70	-	-	155	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	0	61	17	0	11	8	1679	79	17	1989	73

Major/Minor	Minor2		Minor1			Major1				Major2		
Conflicting Flow All	-	-	1031	2565	3831	879	2062	0	0	1758	0	0
Stage 1	-	-	-	1735	1735	-	-	-	-	-	-	-
Stage 2	-	-	-	830	2096	-	-	-	-	-	-	-
Critical Hdwy	-	-	7.14	6.44	6.54	7.14	5.34	-	-	5.34	-	-
Critical Hdwy Stg 1	-	-	-	7.34	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	6.74	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	3.92	3.82	4.02	3.92	3.12	-	-	3.12	-	-
Pot Cap-1 Maneuver	0	0	198	28	4	250	116	-	-	166	-	-
Stage 1	0	0	-	60	140	-	-	-	-	-	-	-
Stage 2	0	0	-	300	92	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	-	198	~ 17	3	250	116	-	-	166	-	-
Mov Cap-2 Maneuver	-	-	-	~ 17	3	-	-	-	-	-	-	-
Stage 1	-	-	-	56	130	-	-	-	-	-	-	-
Stage 2	-	-	-	186	83	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	31.1	$ 336.5	0.2	0.2
HCM LOS	D	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	116	-	-	198	17	250	166	-	-
HCM Lane V/C Ratio	0.066	-	-	0.307	1.023	0.043	0.105	-	-
HCM Control Delay (s)	38.2	-	-	31.1	$ 534.2	20.1	29.2	-	-
HCM Lane LOS	E	-	-	D	F	C	D	-	-
HCM 95th %tile Q(veh)	0.2	-	-	1.2	2.6	0.1	0.3	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	2.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕				
Traffic Vol, veh/h	0	323	7	47	390	7	17	2	103	20	0	0
Future Vol, veh/h	0	323	7	47	390	7	17	2	103	20	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	16965	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	351	8	51	424	8	18	2	112	22	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	432	0	0	359	0	0	885	889	355
Stage 1	-	-	-	-	-	-	355	355	-
Stage 2	-	-	-	-	-	-	530	534	-
Critical Hdwy	4.12	-	-	4.12	-	-	6.42	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318
Pot Cap-1 Maneuver	1128	-	-	1200	-	-	315	282	689
Stage 1	-	-	-	-	-	-	710	630	-
Stage 2	-	-	-	-	-	-	590	524	-
Platoon blocked, %		-	-		-	-			
Mov Cap-1 Maneuver	1128	-	-	1200	-	-	297	0	689
Mov Cap-2 Maneuver	-	-	-	-	-	-	297	0	-
Stage 1	-	-	-	-	-	-	670	0	-
Stage 2	-	-	-	-	-	-	590	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.9	13
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR
Capacity (veh/h)	580	1128	-	-	1200	-	-
HCM Lane V/C Ratio	0.229	-	-	-	0.043	-	-
HCM Control Delay (s)	13	0	-	-	8.1	0	-
HCM Lane LOS	B	A	-	-	A	A	-
HCM 95th %tile Q(veh)	0.9	0	-	-	0.1	-	-

Intersection	
Intersection Delay, s/veh	7.7
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	4	14	8	32	21	23	16	67	8	20	31	7
Future Vol, veh/h	4	14	8	32	21	23	16	67	8	20	31	7
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	4	15	9	35	23	25	17	73	9	22	34	8
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.4	7.7	7.8	7.6
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	18%	15%	42%	34%
Vol Thru, %	74%	54%	28%	53%
Vol Right, %	9%	31%	30%	12%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	91	26	76	58
LT Vol	16	4	32	20
Through Vol	67	14	21	31
RT Vol	8	8	23	7
Lane Flow Rate	99	28	83	63
Geometry Grp	1	1	1	1
Degree of Util (X)	0.114	0.033	0.095	0.074
Departure Headway (Hd)	4.156	4.23	4.138	4.199
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	853	851	853	842
Service Time	2.231	2.23	2.229	2.281
HCM Lane V/C Ratio	0.116	0.033	0.097	0.075
HCM Control Delay	7.8	7.4	7.7	7.6
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.4	0.1	0.3	0.2

FUTURE BASE

Project Title: **Pacific Coast Commons Project**
Intersection: **1 - Pacific Coast Hwy & Imperial Hwy**
Description: **Future Base (2027)**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :	WBR		
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	37	0	0.000	N-S(1):	0.591 *
	TH	4.00	2,856	6,400	0.452	N-S(2):	0.521
	LT	2.00	554	2,560	0.216 *	E-W(1):	0.170 *
Westbound	RT	1.00	517	1,600	0.107	E-W(2):	0.163
	TH	3.00	272	4,800	0.057		
	LT	2.00	255	2,560	0.100 *	V/C:	0.761
Northbound	RT	1.00	460	1,600	0.238	Lost Time:	0.100
	TH	3.00	1,799	4,800	0.375 *	ITS:	0.000
	LT	1.00	111	1,600	0.069		
Eastbound	RT	1.00	167	1,600	0.070 *	ICU:	0.861
	TH	3.00	259	4,800	0.054		
	LT	2.00	144	2,560	0.056	LOS:	D

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	27	0	0.000	N-S(1):	0.851 *
	TH	4.00	2,572	6,400	0.406	N-S(2):	0.517
	LT	2.00	661	2,560	0.258 *	E-W(1):	0.144
Westbound	RT	1.00	591	1,600	0.111 *	E-W(2):	0.168 *
	TH	3.00	276	4,800	0.058		
	LT	2.00	171	2,560	0.067	V/C:	1.019
Northbound	RT	1.00	1,003	1,600	0.593 *	Lost Time:	0.100
	TH	3.00	1,752	4,800	0.365	ITS:	0.000
	LT	1.00	178	1,600	0.111		
Eastbound	RT	1.00	161	1,600	0.045	ICU:	1.119
	TH	3.00	369	4,800	0.077		
	LT	2.00	147	2,560	0.057 *	LOS:	F

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **2 - Pacific Coast Hwy & Walnut Ave**
Description: **Future Base (2027)**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	266	0	0.000	N-S(1):	0.400
	TH	4.00	2,958	6,400	0.504 *	N-S(2):	0.573 *
	LT	1.00	59	1,600	0.037	E-W(1):	0.041
Westbound	RT	0.68	19	1,086	0.000	E-W(2):	0.066 *
	TH	0.32	9	514	0.018 *		
	LT	1.00	9	1,600	0.006	V/C:	0.639
Northbound	RT	0.00	68	0	0.000	Lost Time:	0.100
	TH	4.00	2,255	6,400	0.363	ITS:	0.000
	LT	1.00	110	1,600	0.069 *		
Eastbound	RT	0.55	31	886	0.001	ICU:	0.739
	TH	0.45	25	714	0.035		
	LT	1.00	76	1,600	0.048 *	LOS:	C

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	82	0	0.000	N-S(1):	0.460
	TH	4.00	2,781	6,400	0.447 *	N-S(2):	0.473 *
	LT	1.00	36	1,600	0.023	E-W(1):	0.121 *
Westbound	RT	0.66	37	1,057	0.024	E-W(2):	0.120
	TH	0.34	19	543	0.035		
	LT	1.00	54	1,600	0.034 *	V/C:	0.594
Northbound	RT	0.00	41	0	0.000	Lost Time:	0.100
	TH	4.00	2,757	6,400	0.437	ITS:	0.000
	LT	1.00	41	1,600	0.026 *		
Eastbound	RT	0.66	92	1,059	0.074	ICU:	0.694
	TH	0.34	47	541	0.087 *		
	LT	1.00	136	1,600	0.085	LOS:	B

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **3 - Pacific Coast Hwy & Maple Ave**
Description: **Future Base (2027)**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	53	0	0.000	N-S(1):	0.447
	TH	4.00	2,732	6,400	0.435 *	N-S(2):	0.469 *
	LT	1.00	138	1,600	0.086	E-W(1):	0.121 *
Westbound	RT	1.00	70	1,600	0.001	E-W(2):	0.085
	TH	1.00	34	1,600	0.021		
	LT	1.00	24	1,600	0.015 *	V/C:	0.590
Northbound	RT	0.00	128	0	0.000	Lost Time:	0.100
	TH	4.00	2,180	6,400	0.361	ITS:	0.000
	LT	1.00	54	1,600	0.034 *		
Eastbound	RT	0.31	52	489	0.089	ICU:	0.690
	TH	0.69	118	1,111	0.106 *		
	LT	1.00	103	1,600	0.064	LOS:	B

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	49	0	0.000	N-S(1):	0.478
	TH	4.00	2,849	6,400	0.453 *	N-S(2):	0.517 *
	LT	1.00	97	1,600	0.061	E-W(1):	0.132 *
Westbound	RT	1.00	176	1,600	0.080	E-W(2):	0.111
	TH	1.00	112	1,600	0.070		
	LT	1.00	117	1,600	0.073 *	V/C:	0.649
Northbound	RT	0.00	59	0	0.000	Lost Time:	0.100
	TH	4.00	2,612	6,400	0.417	ITS:	0.000
	LT	1.00	102	1,600	0.064 *		
Eastbound	RT	0.36	34	573	0.028	ICU:	0.749
	TH	0.64	61	1,027	0.059 *		
	LT	1.00	50	1,600	0.031	LOS:	C

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **4 - Pacific Coast Hwy & Mariposa Ave**
Description: **Future Base (2027)**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	86	0	0.000	N-S(1):	0.462 *
	TH	4.00	2,268	6,400	0.368	N-S(2):	0.412
	LT	2.00	343	2,560	0.134 *	E-W(1):	0.217 *
Westbound	RT	1.00	87	1,600	0.000	E-W(2):	0.139
	TH	1.00	99	1,600	0.062		
	LT	1.00	63	1,600	0.039 *	V/C:	0.679
Northbound	RT	1.00	135	1,600	0.065	Lost Time:	0.100
	TH	4.00	2,102	6,400	0.328 *	ITS:	0.000
	LT	1.00	70	1,600	0.044		
Eastbound	RT	0.20	57	320	0.156	ICU:	0.779
	TH	0.80	228	1,280	0.178 *		
	LT	1.00	123	1,600	0.077	LOS:	C

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	117	0	0.000	N-S(1):	0.485
	TH	4.00	2,588	6,400	0.423 *	N-S(2):	0.508 *
	LT	2.00	299	2,560	0.117	E-W(1):	0.272 *
Westbound	RT	1.00	232	1,600	0.087	E-W(2):	0.205
	TH	1.00	217	1,600	0.136		
	LT	1.00	202	1,600	0.126 *	V/C:	0.780
Northbound	RT	1.00	157	1,600	0.035	Lost Time:	0.100
	TH	4.00	2,357	6,400	0.368	ITS:	0.000
	LT	1.00	136	1,600	0.085 *		
Eastbound	RT	0.28	66	451	0.104	ICU:	0.880
	TH	0.72	168	1,149	0.146 *		
	LT	1.00	110	1,600	0.069	LOS:	D

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **5 - Pacific Coast Hwy & Grand Ave**
Description: **Future Base (2027)**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	Y
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :	NBR,		
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	209	0	0.000	N-S(1):	0.732 *
	TH	4.00	1,582	6,400	0.280	N-S(2):	0.334
	LT	1.00	546	1,600	0.341 *	E-W(1):	0.137 *
Westbound	RT	1.00	71	1,600	0.000	E-W(2):	0.000
	TH	2.00	65	3,200	0.020		
	LT	2.00	65	2,560	0.025 *	V/C:	0.869
Northbound	RT	1.00	666	1,600	0.391 *	Lost Time:	0.100
	TH	4.00	2,076	6,400	0.324	ITS:	0.000
	LT	1.00	86	1,600	0.054		
Eastbound	RT	0.00	106	0	0.000	ICU:	0.969
	TH	1.93	170	3,081	0.090		
	LT	1.07	154	1,375	0.112 *	LOS:	E

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	159	0	0.000	N-S(1):	0.366
	TH	4.00	2,547	6,400	0.423 *	N-S(2):	0.521 *
	LT	1.00	115	1,600	0.072	E-W(1):	0.386 *
Westbound	RT	1.00	451	1,600	0.246 *	E-W(2):	0.000
	TH	2.00	187	3,200	0.058		
	LT	2.00	608	2,560	0.238	V/C:	0.907
Northbound	RT	1.00	216	1,600	0.000	Lost Time:	0.100
	TH	4.00	1,879	6,400	0.294	ITS:	0.000
	LT	1.00	157	1,600	0.098 *		
Eastbound	RT	0.00	155	0	0.000	ICU:	1.007
	TH	1.72	152	2,744	0.112		
	LT	1.28	230	1,645	0.140 *	LOS:	F

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **6 - Pacific Coast Hwy & El Segundo Blvd**
Description: **Future Base (2027)**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.00	176	1,600	0.082	N-S(1):	0.576 *
	TH	4.00	1,342	6,400	0.210	N-S(2):	0.385
	LT	2.00	273	2,560	0.107 *	E-W(1):	0.181
Westbound	RT	1.00	302	1,600	0.135 *	E-W(2):	0.191 *
	TH	2.00	397	3,200	0.124		
	LT	2.00	191	2,560	0.075	V/C:	0.767
Northbound	RT	0.00	366	0	0.000	Lost Time:	0.100
	TH	4.00	2,634	6,400	0.469 *	ITS:	0.000
	LT	2.00	448	2,560	0.175		
Eastbound	RT	1.00	280	1,600	0.088	ICU:	0.867
	TH	2.00	338	3,200	0.106		
	LT	1.00	89	1,600	0.056 *	LOS:	D

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.00	105	1,600	0.004	N-S(1):	0.414
	TH	4.00	2,933	6,400	0.458 *	N-S(2):	0.590 *
	LT	2.00	310	2,560	0.121	E-W(1):	0.425 *
Westbound	RT	1.00	305	1,600	0.130	E-W(2):	0.253
	TH	2.00	415	3,200	0.130		
	LT	2.00	495	2,560	0.193 *	V/C:	1.015
Northbound	RT	0.00	258	0	0.000	Lost Time:	0.100
	TH	4.00	1,614	6,400	0.293	ITS:	0.000
	LT	2.00	339	2,560	0.132 *		
Eastbound	RT	1.00	477	1,600	0.232 *	ICU:	1.115
	TH	2.00	532	3,200	0.166		
	LT	1.00	196	1,600	0.123	LOS:	F

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **7 - Nash St & Imperial Hwy**
Description: **Future Base (2027)**

Thru Lane:	1600 vph	N-S Split Phase :	Y
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.03	424	1,656	0.256	N-S(1):	0.282 *
	TH	1.97	805	3,144	0.256 *	N-S(2):	0.000
	LT	1.00	383	1,600	0.239	E-W(1):	0.316 *
Westbound	RT	0.00	0	0	0.000	E-W(2):	0.223
	TH	3.00	1,068	4,800	0.223		
	LT	2.00	322	2,560	0.126 *	V/C:	0.598
Northbound	RT	2.00	74	3,200	0.000	Lost Time:	0.100
	TH	0.00	0	0	0.000	ITS:	0.000
	LT	1.00	42	1,600	0.026 *		
Eastbound	RT	0.00	117	0	0.000	ICU:	0.698
	TH	3.00	794	4,800	0.190 *		
	LT	0.00	0	0	0.000	LOS:	B

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.45	203	2,314	0.088	N-S(1):	0.156 *
	TH	1.55	218	2,486	0.088 *	N-S(2):	0.000
	LT	1.00	92	1,600	0.058	E-W(1):	0.311 *
Westbound	RT	0.00	0	0	0.000	E-W(2):	0.169
	TH	3.00	811	4,800	0.169		
	LT	2.00	29	2,560	0.011 *	V/C:	0.467
Northbound	RT	2.00	237	3,200	0.068 *	Lost Time:	0.100
	TH	0.00	0	0	0.000	ITS:	0.000
	LT	1.00	96	1,600	0.060		
Eastbound	RT	0.00	75	0	0.000	ICU:	0.567
	TH	3.00	1,364	4,800	0.300 *		
	LT	0.00	0	0	0.000	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **8 - Laiport St & Mariposa Ave**
Description: **Future Base (2027)**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.28	25	449	0.043	N-S(1):	0.039
	TH	0.72	64	1,151	0.056 *	N-S(2):	0.087 *
	LT	1.00	5	1,600	0.003	E-W(1):	0.237 *
Westbound	RT	0.00	20	0	0.000	E-W(2):	0.101
	TH	2.00	226	3,200	0.077		
	LT	1.00	181	1,600	0.113 *	V/C:	0.324
Northbound	RT	2.00	58	3,200	0.000	Lost Time:	0.100
	TH	1.00	57	1,600	0.036	ITS:	0.000
	LT	1.00	49	1,600	0.031 *		
Eastbound	RT	0.00	185	0	0.000	ICU:	0.424
	TH	3.00	408	4,800	0.124 *		
	LT	1.00	39	1,600	0.024	LOS:	A

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.40	42	634	0.060	N-S(1):	0.113
	TH	0.60	64	966	0.066 *	N-S(2):	0.149 *
	LT	1.00	34	1,600	0.021	E-W(1):	0.168 *
Westbound	RT	0.00	27	0	0.000	E-W(2):	0.157
	TH	2.00	433	3,200	0.144		
	LT	1.00	68	1,600	0.043 *	V/C:	0.317
Northbound	RT	2.00	244	3,200	0.055	Lost Time:	0.100
	TH	1.00	147	1,600	0.092	ITS:	0.000
	LT	1.00	132	1,600	0.083 *		
Eastbound	RT	0.00	67	0	0.000	ICU:	0.417
	TH	3.00	531	4,800	0.125 *		
	LT	1.00	21	1,600	0.013	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **9 - Nash St & Mariposa Ave**
Description: **Future Base (2027)**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	200	0	0.000	N-S(1):	0.157
	TH	2.00	503	3,200	0.220 *	N-S(2):	0.238 *
	LT	1.00	69	1,600	0.043	E-W(1):	0.095
Westbound	RT	1.00	27	1,600	0.000	E-W(2):	0.125 *
	TH	2.00	225	3,200	0.070 *		
	LT	1.00	36	1,600	0.023	V/C:	0.363
Northbound	RT	0.00	62	0	0.000	Lost Time:	0.100
	TH	2.00	304	3,200	0.114	ITS:	0.000
	LT	1.00	29	1,600	0.018 *		
Eastbound	RT	1.00	44	1,600	0.018	ICU:	0.463
	TH	2.00	230	3,200	0.072		
	LT	1.00	88	1,600	0.055 *	LOS:	A

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	91	0	0.000	N-S(1):	0.268 *
	TH	2.00	249	3,200	0.106	N-S(2):	0.130
	LT	1.00	72	1,600	0.045 *	E-W(1):	0.195
Westbound	RT	1.00	37	1,600	0.001	E-W(2):	0.227 *
	TH	2.00	274	3,200	0.086 *		
	LT	1.00	37	1,600	0.023	V/C:	0.495
Northbound	RT	0.00	154	0	0.000	Lost Time:	0.100
	TH	2.00	559	3,200	0.223 *	ITS:	0.000
	LT	1.00	39	1,600	0.024		
Eastbound	RT	1.00	55	1,600	0.022	ICU:	0.595
	TH	2.00	551	3,200	0.172		
	LT	1.00	226	1,600	0.141 *	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **10 - Kansas St & Grand Ave**
Description: **Future Base (2027)**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	37	0	0.000	N-S(1):	0.054
	TH	1.00	29	1,600	0.047 *	N-S(2):	0.058 *
	LT	0.00	9	1,600	0.006	E-W(1):	0.157 *
Westbound	RT	0.00	9	0	0.000	E-W(2):	0.125
	TH	2.00	290	1,600	0.109		
	LT	0.00	49	1,600	0.031 *	V/C:	0.215
Northbound	RT	0.00	39	0	0.000	Lost Time:	0.100
	TH	1.00	19	1,600	0.048	ITS:	0.000
	LT	0.00	18	1,600	0.011 *		
Eastbound	RT	0.00	19	0	0.000	ICU:	0.315
	TH	2.00	359	1,600	0.126 *		
	LT	0.00	25	1,600	0.016	LOS:	A

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	37	0	0.000	N-S(1):	0.080 *
	TH	1.00	17	1,600	0.039	N-S(2):	0.053
	LT	0.00	9	1,600	0.006 *	E-W(1):	0.166 *
Westbound	RT	0.00	11	0	0.000	E-W(2):	0.152
	TH	2.00	414	1,600	0.139		
	LT	0.00	19	1,600	0.012 *	V/C:	0.246
Northbound	RT	0.00	66	0	0.000	Lost Time:	0.100
	TH	1.00	31	1,600	0.074 *	ITS:	0.000
	LT	0.00	22	1,600	0.014		
Eastbound	RT	0.00	11	0	0.000	ICU:	0.346
	TH	2.00	461	1,600	0.154 *		
	LT	0.00	20	1,600	0.013	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **11 - Continental Blvd & El Segundo Blvd**
Description: **Future Base (2027)**

Thru Lane:	1600 vph	N-S Split Phase :	Y
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.20	40	1,925	0.000	N-S(1):	0.032 *
	TH	0.87	29	1,395	0.021	N-S(2):	0.000
	LT	1.92	64	2,464	0.026 *	E-W(1):	0.152
Westbound	RT	0.00	427	0	0.000	E-W(2):	0.387 *
	TH	3.00	1,222	4,800	0.344 *		
	LT	2.00	45	2,560	0.018	V/C:	0.419
Northbound	RT	1.00	5	1,600	0.000	Lost Time:	0.100
	TH	1.83	14	2,922	0.005	ITS:	0.000
	LT	1.17	9	1,503	0.006 *		
Eastbound	RT	1.00	51	1,600	0.029	ICU:	0.519
	TH	3.00	642	4,800	0.134		
	LT	2.00	111	2,560	0.043 *	LOS:	A

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.75	106	2,803	0.032	N-S(1):	0.201 *
	TH	0.25	15	397	0.038	N-S(2):	0.000
	LT	2.00	399	2,560	0.156 *	E-W(1):	0.259 *
Westbound	RT	0.00	91	0	0.000	E-W(2):	0.216
	TH	3.00	888	4,800	0.204		
	LT	2.00	33	2,560	0.013 *	V/C:	0.460
Northbound	RT	1.94	140	3,097	0.039	Lost Time:	0.100
	TH	1.06	77	1,703	0.045 *	ITS:	0.000
	LT	1.00	67	1,600	0.042		
Eastbound	RT	1.00	12	1,600	0.000	ICU:	0.560
	TH	3.00	1,181	4,800	0.246 *		
	LT	2.00	30	2,560	0.012	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **12 - Nash St & El Segundo Blvd**
Description: **Future Base (2027)**

Thru Lane:	1600 vph	N-S Split Phase :	Y
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.00	34	1,600	0.007	N-S(1):	0.064 *
	TH	1.09	76	1,745	0.044	N-S(2):	0.000
	LT	1.91	133	2,444	0.054 *	E-W(1):	0.261
Westbound	RT	0.00	352	0	0.000	E-W(2):	0.446 *
	TH	3.00	1,651	4,800	0.417 *		
	LT	2.00	336	2,560	0.131	V/C:	0.510
Northbound	RT	1.00	11	1,600	0.000	Lost Time:	0.100
	TH	1.00	16	1,600	0.010 *	ITS:	0.000
	LT	2.00	8	2,560	0.003		
Eastbound	RT	1.00	36	1,600	0.021	ICU:	0.610
	TH	3.00	625	4,800	0.130		
	LT	2.00	74	2,560	0.029 *	LOS:	B

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.00	66	1,600	0.030	N-S(1):	0.214 *
	TH	1.00	13	1,600	0.008	N-S(2):	0.000
	LT	2.00	377	2,560	0.147 *	E-W(1):	0.361 *
Westbound	RT	0.00	153	0	0.000	E-W(2):	0.239
	TH	3.00	889	4,800	0.217		
	LT	2.00	31	2,560	0.012 *	V/C:	0.575
Northbound	RT	1.44	154	2,303	0.061	Lost Time:	0.100
	TH	0.56	60	897	0.067 *	ITS:	0.000
	LT	2.00	35	2,560	0.014		
Eastbound	RT	1.00	22	1,600	0.007	ICU:	0.675
	TH	3.00	1,674	4,800	0.349 *		
	LT	2.00	57	2,560	0.022	LOS:	B

* - Denotes critical movement

Intersection	
Int Delay, s/veh	1.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	12	17	2	1836	2158	18
Future Vol, veh/h	12	17	2	1836	2158	18
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	130	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	13	18	2	1996	2346	20

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	3158	1183	2366	0	-	0
Stage 1	2356	-	-	-	-	-
Stage 2	802	-	-	-	-	-
Critical Hdwy	5.74	7.14	5.34	-	-	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	3.12	-	-	-
Pot Cap-1 Maneuver	21	156	81	-	-	-
Stage 1	33	-	-	-	-	-
Stage 2	364	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	20	156	81	-	-	-
Mov Cap-2 Maneuver	20	-	-	-	-	-
Stage 1	32	-	-	-	-	-
Stage 2	364	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	222.7	0.1	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	81	-	41	-	-
HCM Lane V/C Ratio	0.027	-	0.769	-	-
HCM Control Delay (s)	50.7	-	222.7	-	-
HCM Lane LOS	F	-	F	-	-
HCM 95th %tile Q(veh)	0.1	-	2.9	-	-

Intersection	
Int Delay, s/veh	0.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	30	4	0	0	4	1766	59	22	1807	118
Future Vol, veh/h	0	0	30	4	0	0	4	1766	59	22	1807	118
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	0	55	-	0	70	-	-	155	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	0	33	4	0	0	4	1920	64	24	1964	128

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	-	1046	2794	4100	992	2092	0	0	1984	0	0
Stage 1	-	-	-	1960	1960	-	-	-	-	-	-	-
Stage 2	-	-	-	834	2140	-	-	-	-	-	-	-
Critical Hdwy	-	-	7.14	6.44	6.54	7.14	5.34	-	-	5.34	-	-
Critical Hdwy Stg 1	-	-	-	7.34	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	6.74	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	3.92	3.82	4.02	3.92	3.12	-	-	3.12	-	-
Pot Cap-1 Maneuver	0	0	193	20	2	210	112	-	-	127	-	-
Stage 1	0	0	-	41	108	-	-	-	-	-	-	-
Stage 2	0	0	-	298	87	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	-	193	14	2	210	112	-	-	127	-	-
Mov Cap-2 Maneuver	-	-	-	14	2	-	-	-	-	-	-	-
Stage 1	-	-	-	40	104	-	-	-	-	-	-	-
Stage 2	-	-	-	201	71	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	27.4	$ 352	0.1	0.4
HCM LOS	D	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	112	-	-	193	14	-	127	-	-
HCM Lane V/C Ratio	0.039	-	-	0.169	0.311	-	0.188	-	-
HCM Control Delay (s)	38.4	-	-	27.4	$ 352	0	39.8	-	-
HCM Lane LOS	E	-	-	D	F	A	E	-	-
HCM 95th %tile Q(veh)	0.1	-	-	0.6	0.8	-	0.7	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	1.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕				
Traffic Vol, veh/h	0	315	9	34	228	5	8	2	59	0	0	0
Future Vol, veh/h	0	315	9	34	228	5	8	2	59	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	16965	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	342	10	37	248	5	9	2	64	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	253	0	0	352	0	0	672	674	347
Stage 1	-	-	-	-	-	-	347	347	-
Stage 2	-	-	-	-	-	-	325	327	-
Critical Hdwy	4.12	-	-	4.12	-	-	6.42	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318
Pot Cap-1 Maneuver	1312	-	-	1207	-	-	421	376	696
Stage 1	-	-	-	-	-	-	716	635	-
Stage 2	-	-	-	-	-	-	732	648	-
Platoon blocked, %		-	-		-	-			
Mov Cap-1 Maneuver	1312	-	-	1207	-	-	406	0	696
Mov Cap-2 Maneuver	-	-	-	-	-	-	406	0	-
Stage 1	-	-	-	-	-	-	690	0	-
Stage 2	-	-	-	-	-	-	732	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	1	11.4
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR
Capacity (veh/h)	641	1312	-	-	1207	-	-
HCM Lane V/C Ratio	0.117	-	-	-	0.031	-	-
HCM Control Delay (s)	11.4	0	-	-	8.1	0	-
HCM Lane LOS	B	A	-	-	A	A	-
HCM 95th %tile Q(veh)	0.4	0	-	-	0.1	-	-

Intersection	
Intersection Delay, s/veh	7.4
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	8	12	10	21	38	17	8	33	5	13	25	10
Future Vol, veh/h	8	12	10	21	38	17	8	33	5	13	25	10
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	9	13	11	23	41	18	9	36	5	14	27	11
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.2	7.5	7.5	7.4
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	17%	27%	28%	27%
Vol Thru, %	72%	40%	50%	52%
Vol Right, %	11%	33%	22%	21%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	46	30	76	48
LT Vol	8	8	21	13
Through Vol	33	12	38	25
RT Vol	5	10	17	10
Lane Flow Rate	50	33	83	52
Geometry Grp	1	1	1	1
Degree of Util (X)	0.058	0.036	0.093	0.059
Departure Headway (Hd)	4.142	4.026	4.055	4.1
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	857	879	876	865
Service Time	2.207	2.096	2.114	2.165
HCM Lane V/C Ratio	0.058	0.038	0.095	0.06
HCM Control Delay	7.5	7.2	7.5	7.4
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.2	0.1	0.3	0.2

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	5	21	3	2156	2276	28
Future Vol, veh/h	5	21	3	2156	2276	28
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	130	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	5	23	3	2343	2474	30

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	3432	1252	2504	0	-	0
Stage 1	2489	-	-	-	-	-
Stage 2	943	-	-	-	-	-
Critical Hdwy	5.74	7.14	5.34	-	-	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	3.12	-	-	-
Pot Cap-1 Maneuver	15	140	69	-	-	-
Stage 1	27	-	-	-	-	-
Stage 2	307	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	14	140	69	-	-	-
Mov Cap-2 Maneuver	14	-	-	-	-	-
Stage 1	26	-	-	-	-	-
Stage 2	307	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	141.6	0.1	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	69	-	51	-	-
HCM Lane V/C Ratio	0.047	-	0.554	-	-
HCM Control Delay (s)	59.7	-	141.6	-	-
HCM Lane LOS	F	-	F	-	-
HCM 95th %tile Q(veh)	0.1	-	2.1	-	-

Intersection	
Int Delay, s/veh	8.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	51	16	0	10	5	1973	74	16	2164	68
Future Vol, veh/h	0	0	51	16	0	10	5	1973	74	16	2164	68
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	0	55	-	0	70	-	-	155	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	0	55	17	0	11	5	2145	80	17	2352	74

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	-	1213	3170	4655	1113	2426	0	0	2225	0	0
Stage 1	-	-	-	2195	2195	-	-	-	-	-	-	-
Stage 2	-	-	-	975	2460	-	-	-	-	-	-	-
Critical Hdwy	-	-	7.14	6.44	6.54	7.14	5.34	-	-	5.34	-	-
Critical Hdwy Stg 1	-	-	-	7.34	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	6.74	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	3.92	3.82	4.02	3.92	3.12	-	-	3.12	-	-
Pot Cap-1 Maneuver	0	0	149	~ 11	1	174	76	-	-	96	-	-
Stage 1	0	0	-	28	82	-	-	-	-	-	-	-
Stage 2	0	0	-	244	60	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	-	149	~ 6	1	174	76	-	-	96	-	-
Mov Cap-2 Maneuver	-	-	-	~ 6	1	-	-	-	-	-	-	-
Stage 1	-	-	-	26	77	-	-	-	-	-	-	-
Stage 2	-	-	-	126	49	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	42.8	$ 1250.2	0.1	0.4
HCM LOS	E	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	76	-	-	149	6	174	96	-	-
HCM Lane V/C Ratio	0.072	-	-	0.372	2.899	0.062	0.181	-	-
HCM Control Delay (s)	56	-	-	42.8	$ 2014.6	27.1	50.6	-	-
HCM Lane LOS	F	-	-	E	F	D	F	-	-
HCM 95th %tile Q(veh)	0.2	-	-	1.6	3.4	0.2	0.6	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	1.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕				
Traffic Vol, veh/h	0	346	7	35	414	3	17	2	79	0	0	0
Future Vol, veh/h	0	346	7	35	414	3	17	2	79	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	16965	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	376	8	38	450	3	18	2	86	0	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	453	0	0	384	0	0	908	909	380
Stage 1	-	-	-	-	-	-	380	380	-
Stage 2	-	-	-	-	-	-	528	529	-
Critical Hdwy	4.12	-	-	4.12	-	-	6.42	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318
Pot Cap-1 Maneuver	1108	-	-	1174	-	-	306	275	667
Stage 1	-	-	-	-	-	-	691	614	-
Stage 2	-	-	-	-	-	-	592	527	-
Platoon blocked, %		-	-		-	-			
Mov Cap-1 Maneuver	1108	-	-	1174	-	-	293	0	667
Mov Cap-2 Maneuver	-	-	-	-	-	-	293	0	-
Stage 1	-	-	-	-	-	-	661	0	-
Stage 2	-	-	-	-	-	-	592	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.6	13.2
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR
Capacity (veh/h)	544	1108	-	-	1174	-	-
HCM Lane V/C Ratio	0.196	-	-	-	0.032	-	-
HCM Control Delay (s)	13.2	0	-	-	8.2	0	-
HCM Lane LOS	B	A	-	-	A	A	-
HCM 95th %tile Q(veh)	0.7	0	-	-	0.1	-	-

Intersection	
Intersection Delay, s/veh	7.6
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	4	14	8	33	21	20	16	58	8	14	25	7
Future Vol, veh/h	4	14	8	33	21	20	16	58	8	14	25	7
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	4	15	9	36	23	22	17	63	9	15	27	8
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.3	7.6	7.7	7.5
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	20%	15%	45%	30%
Vol Thru, %	71%	54%	28%	54%
Vol Right, %	10%	31%	27%	15%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	82	26	74	46
LT Vol	16	4	33	14
Through Vol	58	14	21	25
RT Vol	8	8	20	7
Lane Flow Rate	89	28	80	50
Geometry Grp	1	1	1	1
Degree of Util (X)	0.103	0.032	0.092	0.058
Departure Headway (Hd)	4.14	4.082	4.122	4.16
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	857	863	858	851
Service Time	2.207	2.175	2.201	2.236
HCM Lane V/C Ratio	0.104	0.032	0.093	0.059
HCM Control Delay	7.7	7.3	7.6	7.5
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.3	0.1	0.3	0.2

FUTURE PLUS PROJECT

Project Title: **Pacific Coast Commons Project**
Intersection: **1 - Pacific Coast Hwy & Imperial Hwy**
Description: **Future + Project**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :	WBR		
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	37	0	0.000	N-S(1):	0.593 *
	TH	4.00	2,881	6,400	0.456	N-S(2):	0.527
	LT	2.00	554	2,560	0.216 *	E-W(1):	0.170 *
Westbound	RT	1.00	517	1,600	0.107	E-W(2):	0.163
	TH	3.00	272	4,800	0.057		
	LT	2.00	255	2,560	0.100 *	V/C:	0.763
Northbound	RT	1.00	494	1,600	0.259	Lost Time:	0.100
	TH	3.00	1,810	4,800	0.377 *	ITS:	0.000
	LT	1.00	113	1,600	0.071		
Eastbound	RT	1.00	168	1,600	0.070 *	ICU:	0.863
	TH	3.00	259	4,800	0.054		
	LT	2.00	144	2,560	0.056	LOS:	D

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	27	0	0.000	N-S(1):	0.870 *
	TH	4.00	2,627	6,400	0.415	N-S(2):	0.528
	LT	2.00	661	2,560	0.258 *	E-W(1):	0.144
Westbound	RT	1.00	591	1,600	0.111 *	E-W(2):	0.168 *
	TH	3.00	276	4,800	0.058		
	LT	2.00	171	2,560	0.067	V/C:	1.038
Northbound	RT	1.00	1,033	1,600	0.612 *	Lost Time:	0.100
	TH	3.00	1,762	4,800	0.367	ITS:	0.000
	LT	1.00	180	1,600	0.113		
Eastbound	RT	1.00	163	1,600	0.046	ICU:	1.138
	TH	3.00	369	4,800	0.077		
	LT	2.00	147	2,560	0.057 *	LOS:	F

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **2 - Pacific Coast Hwy & Walnut Ave**
Description: **Future + Project**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	266	0	0.000	N-S(1):	0.407
	TH	4.00	2,984	6,400	0.508 *	N-S(2):	0.577 *
	LT	1.00	59	1,600	0.037	E-W(1):	0.041
Westbound	RT	0.68	19	1,086	0.000	E-W(2):	0.066 *
	TH	0.32	9	514	0.018 *		
	LT	1.00	9	1,600	0.006	V/C:	0.643
Northbound	RT	0.00	68	0	0.000	Lost Time:	0.100
	TH	4.00	2,302	6,400	0.370	ITS:	0.000
	LT	1.00	110	1,600	0.069 *		
Eastbound	RT	0.55	31	886	0.001	ICU:	0.743
	TH	0.45	25	714	0.035		
	LT	1.00	76	1,600	0.048 *	LOS:	C

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	82	0	0.000	N-S(1):	0.467
	TH	4.00	2,838	6,400	0.456 *	N-S(2):	0.482 *
	LT	1.00	36	1,600	0.023	E-W(1):	0.121 *
Westbound	RT	0.66	37	1,057	0.024	E-W(2):	0.120
	TH	0.34	19	543	0.035		
	LT	1.00	54	1,600	0.034 *	V/C:	0.603
Northbound	RT	0.00	41	0	0.000	Lost Time:	0.100
	TH	4.00	2,799	6,400	0.444	ITS:	0.000
	LT	1.00	41	1,600	0.026 *		
Eastbound	RT	0.66	92	1,059	0.074	ICU:	0.703
	TH	0.34	47	541	0.087 *		
	LT	1.00	136	1,600	0.085	LOS:	C

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **3 - Pacific Coast Hwy & Maple Ave**
Description: **Future + Project**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	53	0	0.000	N-S(1):	0.454
	TH	4.00	2,758	6,400	0.439 *	N-S(2):	0.473 *
	LT	1.00	138	1,600	0.086	E-W(1):	0.122 *
Westbound	RT	1.00	70	1,600	0.001	E-W(2):	0.085
	TH	1.00	34	1,600	0.021		
	LT	1.00	26	1,600	0.016 *	V/C:	0.595
Northbound	RT	0.00	131	0	0.000	Lost Time:	0.100
	TH	4.00	2,227	6,400	0.368	ITS:	0.000
	LT	1.00	54	1,600	0.034 *		
Eastbound	RT	0.31	52	489	0.089	ICU:	0.695
	TH	0.69	118	1,111	0.106 *		
	LT	1.00	103	1,600	0.064	LOS:	B

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	49	0	0.000	N-S(1):	0.485
	TH	4.00	2,906	6,400	0.462 *	N-S(2):	0.526 *
	LT	1.00	97	1,600	0.061	E-W(1):	0.135 *
Westbound	RT	1.00	176	1,600	0.080	E-W(2):	0.111
	TH	1.00	112	1,600	0.070		
	LT	1.00	121	1,600	0.076 *	V/C:	0.661
Northbound	RT	0.00	62	0	0.000	Lost Time:	0.100
	TH	4.00	2,654	6,400	0.424	ITS:	0.000
	LT	1.00	102	1,600	0.064 *		
Eastbound	RT	0.36	34	573	0.028	ICU:	0.761
	TH	0.64	61	1,027	0.059 *		
	LT	1.00	50	1,600	0.031	LOS:	C

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **4 - Pacific Coast Hwy & Mariposa Ave**
Description: **Future + Project**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	83	0	0.000	N-S(1):	0.463 *
	TH	4.00	2,292	6,400	0.371	N-S(2):	0.423
	LT	2.00	341	2,560	0.133 *	E-W(1):	0.183 *
Westbound	RT	1.00	87	1,600	0.000	E-W(2):	0.163
	TH	1.00	99	1,600	0.062		
	LT	1.00	63	1,600	0.039 *	V/C:	0.646
Northbound	RT	1.00	135	1,600	0.065	Lost Time:	0.100
	TH	4.00	2,114	6,400	0.330 *	ITS:	0.000
	LT	1.00	83	1,600	0.052		
Eastbound	RT	1.00	69	1,600	0.017	ICU:	0.746
	TH	1.00	231	1,600	0.144 *		
	LT	1.00	161	1,600	0.101	LOS:	C

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	121	0	0.000	N-S(1):	0.487
	TH	4.00	2,618	6,400	0.428 *	N-S(2):	0.528 *
	LT	2.00	296	2,560	0.116	E-W(1):	0.234 *
Westbound	RT	1.00	232	1,600	0.087	E-W(2):	0.224
	TH	1.00	218	1,600	0.136		
	LT	1.00	202	1,600	0.126 *	V/C:	0.762
Northbound	RT	1.00	157	1,600	0.035	Lost Time:	0.100
	TH	4.00	2,373	6,400	0.371	ITS:	0.000
	LT	1.00	160	1,600	0.100 *		
Eastbound	RT	1.00	77	1,600	0.000	ICU:	0.862
	TH	1.00	172	1,600	0.108 *		
	LT	1.00	140	1,600	0.088	LOS:	D

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **5 - Pacific Coast Hwy & Grand Ave**
Description: **Future + Project**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	Y
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :	NBR,		
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	209	0	0.000	N-S(1):	0.741 *
	TH	4.00	1,603	6,400	0.283	N-S(2):	0.338
	LT	1.00	560	1,600	0.350 *	E-W(1):	0.139 *
Westbound	RT	1.00	73	1,600	0.000	E-W(2):	0.000
	TH	2.00	65	3,200	0.020		
	LT	2.00	65	2,560	0.025 *	V/C:	0.880
Northbound	RT	1.00	666	1,600	0.391 *	Lost Time:	0.100
	TH	4.00	2,089	6,400	0.326	ITS:	0.000
	LT	1.00	88	1,600	0.055		
Eastbound	RT	0.00	113	0	0.000	ICU:	0.980
	TH	1.95	171	3,112	0.091		
	LT	1.05	154	1,350	0.114 *	LOS:	E

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	159	0	0.000	N-S(1):	0.380
	TH	4.00	2,567	6,400	0.426 *	N-S(2):	0.529 *
	LT	1.00	131	1,600	0.082	E-W(1):	0.384 *
Westbound	RT	1.00	454	1,600	0.243 *	E-W(2):	0.000
	TH	2.00	189	3,200	0.059		
	LT	2.00	608	2,560	0.238	V/C:	0.913
Northbound	RT	1.00	216	1,600	0.000	Lost Time:	0.100
	TH	4.00	1,905	6,400	0.298	ITS:	0.000
	LT	1.00	165	1,600	0.103 *		
Eastbound	RT	0.00	160	0	0.000	ICU:	1.013
	TH	1.73	153	2,767	0.113		
	LT	1.27	230	1,627	0.141 *	LOS:	F

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **6 - Pacific Coast Hwy & El Segundo Blvd**
Description: **Future + Project**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.00	179	1,600	0.084	N-S(1):	0.583 *
	TH	4.00	1,351	6,400	0.211	N-S(2):	0.386
	LT	2.00	290	2,560	0.113 *	E-W(1):	0.181
Westbound	RT	1.00	311	1,600	0.138 *	E-W(2):	0.194 *
	TH	2.00	397	3,200	0.124		
	LT	2.00	191	2,560	0.075	V/C:	0.777
Northbound	RT	0.00	366	0	0.000	Lost Time:	0.100
	TH	4.00	2,639	6,400	0.470 *	ITS:	0.000
	LT	2.00	448	2,560	0.175		
Eastbound	RT	1.00	280	1,600	0.088	ICU:	0.877
	TH	2.00	338	3,200	0.106		
	LT	1.00	90	1,600	0.056 *	LOS:	D

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.00	107	1,600	0.005	N-S(1):	0.421
	TH	4.00	2,941	6,400	0.460 *	N-S(2):	0.592 *
	LT	2.00	325	2,560	0.127	E-W(1):	0.425 *
Westbound	RT	1.00	326	1,600	0.140	E-W(2):	0.264
	TH	2.00	415	3,200	0.130		
	LT	2.00	495	2,560	0.193 *	V/C:	1.017
Northbound	RT	0.00	258	0	0.000	Lost Time:	0.100
	TH	4.00	1,624	6,400	0.294	ITS:	0.000
	LT	2.00	339	2,560	0.132 *		
Eastbound	RT	1.00	477	1,600	0.232 *	ICU:	1.117
	TH	2.00	532	3,200	0.166		
	LT	1.00	199	1,600	0.124	LOS:	F

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **7 - Nash St & Imperial Hwy**
Description: **Future + Project**

Thru Lane:	1600 vph	N-S Split Phase :	Y
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.03	424	1,656	0.256	N-S(1):	0.282 *
	TH	1.97	805	3,144	0.256 *	N-S(2):	0.000
	LT	1.00	383	1,600	0.239	E-W(1):	0.316 *
Westbound	RT	0.00	0	0	0.000	E-W(2):	0.223
	TH	3.00	1,068	4,800	0.223		
	LT	2.00	322	2,560	0.126 *	V/C:	0.598
Northbound	RT	2.00	74	3,200	0.000	Lost Time:	0.100
	TH	0.00	0	0	0.000	ITS:	0.000
	LT	1.00	42	1,600	0.026 *		
Eastbound	RT	0.00	117	0	0.000	ICU:	0.698
	TH	3.00	794	4,800	0.190 *		
	LT	0.00	0	0	0.000	LOS:	B

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.45	203	2,314	0.088	N-S(1):	0.156 *
	TH	1.55	218	2,486	0.088 *	N-S(2):	0.000
	LT	1.00	92	1,600	0.058	E-W(1):	0.311 *
Westbound	RT	0.00	0	0	0.000	E-W(2):	0.169
	TH	3.00	811	4,800	0.169		
	LT	2.00	29	2,560	0.011 *	V/C:	0.467
Northbound	RT	2.00	237	3,200	0.068 *	Lost Time:	0.100
	TH	0.00	0	0	0.000	ITS:	0.000
	LT	1.00	96	1,600	0.060		
Eastbound	RT	0.00	75	0	0.000	ICU:	0.567
	TH	3.00	1,364	4,800	0.300 *		
	LT	0.00	0	0	0.000	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **8 - Laiport St & Mariposa Ave**
Description: **Future + Project**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.28	25	449	0.043	N-S(1):	0.039
	TH	0.72	64	1,151	0.056 *	N-S(2):	0.087 *
	LT	1.00	5	1,600	0.003	E-W(1):	0.237 *
Westbound	RT	0.00	20	0	0.000	E-W(2):	0.101
	TH	2.00	227	3,200	0.077		
	LT	1.00	181	1,600	0.113 *	V/C:	0.324
Northbound	RT	2.00	58	3,200	0.000	Lost Time:	0.100
	TH	1.00	57	1,600	0.036	ITS:	0.000
	LT	1.00	49	1,600	0.031 *		
Eastbound	RT	0.00	185	0	0.000	ICU:	0.424
	TH	3.00	409	4,800	0.124 *		
	LT	1.00	39	1,600	0.024	LOS:	A

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.40	42	634	0.060	N-S(1):	0.113
	TH	0.60	64	966	0.066 *	N-S(2):	0.149 *
	LT	1.00	34	1,600	0.021	E-W(1):	0.168 *
Westbound	RT	0.00	27	0	0.000	E-W(2):	0.157
	TH	2.00	435	3,200	0.144		
	LT	1.00	68	1,600	0.043 *	V/C:	0.317
Northbound	RT	2.00	244	3,200	0.055	Lost Time:	0.100
	TH	1.00	147	1,600	0.092	ITS:	0.000
	LT	1.00	132	1,600	0.083 *		
Eastbound	RT	0.00	67	0	0.000	ICU:	0.417
	TH	3.00	532	4,800	0.125 *		
	LT	1.00	21	1,600	0.013	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **9 - Nash St & Mariposa Ave**
Description: **Future + Project**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	200	0	0.000	N-S(1):	0.157
	TH	2.00	503	3,200	0.220 *	N-S(2):	0.238 *
	LT	1.00	69	1,600	0.043	E-W(1):	0.095
Westbound	RT	1.00	27	1,600	0.000	E-W(2):	0.126 *
	TH	2.00	226	3,200	0.071 *		
	LT	1.00	36	1,600	0.023	V/C:	0.364
Northbound	RT	0.00	62	0	0.000	Lost Time:	0.100
	TH	2.00	304	3,200	0.114	ITS:	0.000
	LT	1.00	29	1,600	0.018 *		
Eastbound	RT	1.00	44	1,600	0.018	ICU:	0.464
	TH	2.00	231	3,200	0.072		
	LT	1.00	88	1,600	0.055 *	LOS:	A

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	91	0	0.000	N-S(1):	0.268 *
	TH	2.00	249	3,200	0.106	N-S(2):	0.130
	LT	1.00	72	1,600	0.045 *	E-W(1):	0.196
Westbound	RT	1.00	37	1,600	0.001	E-W(2):	0.227 *
	TH	2.00	276	3,200	0.086 *		
	LT	1.00	37	1,600	0.023	V/C:	0.495
Northbound	RT	0.00	154	0	0.000	Lost Time:	0.100
	TH	2.00	559	3,200	0.223 *	ITS:	0.000
	LT	1.00	39	1,600	0.024		
Eastbound	RT	1.00	55	1,600	0.022	ICU:	0.595
	TH	2.00	552	3,200	0.173		
	LT	1.00	226	1,600	0.141 *	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **10 - Kansas St & Grand Ave**
Description: **Future + Project**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	37	0	0.000	N-S(1):	0.054
	TH	1.00	29	1,600	0.047 *	N-S(2):	0.058 *
	LT	0.00	9	1,600	0.006	E-W(1):	0.157 *
Westbound	RT	0.00	9	0	0.000	E-W(2):	0.125
	TH	2.00	291	1,600	0.109		
	LT	0.00	49	1,600	0.031 *	V/C:	0.215
Northbound	RT	0.00	39	0	0.000	Lost Time:	0.100
	TH	1.00	19	1,600	0.048	ITS:	0.000
	LT	0.00	18	1,600	0.011 *		
Eastbound	RT	0.00	19	0	0.000	ICU:	0.315
	TH	2.00	359	1,600	0.126 *		
	LT	0.00	25	1,600	0.016	LOS:	A

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	37	0	0.000	N-S(1):	0.080 *
	TH	1.00	17	1,600	0.039	N-S(2):	0.053
	LT	0.00	9	1,600	0.006 *	E-W(1):	0.166 *
Westbound	RT	0.00	11	0	0.000	E-W(2):	0.152
	TH	2.00	415	1,600	0.139		
	LT	0.00	19	1,600	0.012 *	V/C:	0.246
Northbound	RT	0.00	66	0	0.000	Lost Time:	0.100
	TH	1.00	31	1,600	0.074 *	ITS:	0.000
	LT	0.00	22	1,600	0.014		
Eastbound	RT	0.00	11	0	0.000	ICU:	0.346
	TH	2.00	462	1,600	0.154 *		
	LT	0.00	20	1,600	0.013	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **11 - Continental Blvd & El Segundo Blvd**
Description: **Future + Project**

Thru Lane:	1600 vph	N-S Split Phase :	Y
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.20	40	1,925	0.000	N-S(1):	0.032 *
	TH	0.87	29	1,395	0.021	N-S(2):	0.000
	LT	1.92	64	2,464	0.026 *	E-W(1):	0.155
Westbound	RT	0.00	427	0	0.000	E-W(2):	0.388 *
	TH	3.00	1,231	4,800	0.345 *		
	LT	2.00	45	2,560	0.018	V/C:	0.420
Northbound	RT	1.00	5	1,600	0.000	Lost Time:	0.100
	TH	1.83	14	2,922	0.005	ITS:	0.000
	LT	1.17	9	1,503	0.006 *		
Eastbound	RT	1.00	51	1,600	0.029	ICU:	0.520
	TH	3.00	659	4,800	0.137		
	LT	2.00	111	2,560	0.043 *	LOS:	A

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.75	106	2,803	0.032	N-S(1):	0.201 *
	TH	0.25	15	397	0.038	N-S(2):	0.000
	LT	2.00	399	2,560	0.156 *	E-W(1):	0.262 *
Westbound	RT	0.00	91	0	0.000	E-W(2):	0.220
	TH	3.00	909	4,800	0.208		
	LT	2.00	33	2,560	0.013 *	V/C:	0.463
Northbound	RT	1.94	140	3,097	0.039	Lost Time:	0.100
	TH	1.06	77	1,703	0.045 *	ITS:	0.000
	LT	1.00	67	1,600	0.042		
Eastbound	RT	1.00	12	1,600	0.000	ICU:	0.563
	TH	3.00	1,196	4,800	0.249 *		
	LT	2.00	30	2,560	0.012	LOS:	A

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **12 - Nash St & El Segundo Blvd**
Description: **Future + Project**

Thru Lane:	1600 vph	N-S Split Phase :	Y
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.00	34	1,600	0.007	N-S(1):	0.064 *
	TH	1.09	76	1,745	0.044	N-S(2):	0.000
	LT	1.91	133	2,444	0.054 *	E-W(1):	0.265
Westbound	RT	0.00	352	0	0.000	E-W(2):	0.448 *
	TH	3.00	1,660	4,800	0.419 *		
	LT	2.00	336	2,560	0.131	V/C:	0.512
Northbound	RT	1.00	11	1,600	0.000	Lost Time:	0.100
	TH	1.00	16	1,600	0.010 *	ITS:	0.000
	LT	2.00	8	2,560	0.003		
Eastbound	RT	1.00	36	1,600	0.021	ICU:	0.612
	TH	3.00	642	4,800	0.134		
	LT	2.00	74	2,560	0.029 *	LOS:	B

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	1.00	66	1,600	0.030	N-S(1):	0.214 *
	TH	1.00	13	1,600	0.008	N-S(2):	0.000
	LT	2.00	377	2,560	0.147 *	E-W(1):	0.364 *
Westbound	RT	0.00	153	0	0.000	E-W(2):	0.243
	TH	3.00	910	4,800	0.221		
	LT	2.00	31	2,560	0.012 *	V/C:	0.578
Northbound	RT	1.44	154	2,303	0.061	Lost Time:	0.100
	TH	0.56	60	897	0.067 *	ITS:	0.000
	LT	2.00	35	2,560	0.014		
Eastbound	RT	1.00	22	1,600	0.007	ICU:	0.678
	TH	3.00	1,689	4,800	0.352 *		
	LT	2.00	57	2,560	0.022	LOS:	B

* - Denotes critical movement

Intersection	
Int Delay, s/veh	2

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	13	19	3	1885	2179	25
Future Vol, veh/h	13	19	3	1885	2179	25
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	130	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	14	21	3	2049	2368	27

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	3208	1198	2395	0	-	0
Stage 1	2382	-	-	-	-	-
Stage 2	826	-	-	-	-	-
Critical Hdwy	5.74	7.14	5.34	-	-	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	3.12	-	-	-
Pot Cap-1 Maneuver	20	153	78	-	-	-
Stage 1	32	-	-	-	-	-
Stage 2	354	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	19	153	78	-	-	-
Mov Cap-2 Maneuver	19	-	-	-	-	-
Stage 1	31	-	-	-	-	-
Stage 2	354	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	255.6	0.1	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	78	-	40	-	-
HCM Lane V/C Ratio	0.042	-	0.87	-	-
HCM Control Delay (s)	53.2	-	255.6	-	-
HCM Lane LOS	F	-	F	-	-
HCM 95th %tile Q(veh)	0.1	-	3.3	-	-

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	33	4	0	0	5	1792	59	22	1839	118
Future Vol, veh/h	0	0	33	4	0	0	5	1792	59	22	1839	118
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	0	55	-	0	70	-	-	155	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	0	36	4	0	0	5	1948	64	24	1999	128

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	-	-	1064	2838	4165	1006	2127	0	0	2012	0	0
Stage 1	-	-	-	1990	1990	-	-	-	-	-	-	-
Stage 2	-	-	-	848	2175	-	-	-	-	-	-	-
Critical Hdwy	-	-	7.14	6.44	6.54	7.14	5.34	-	-	5.34	-	-
Critical Hdwy Stg 1	-	-	-	7.34	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	6.74	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	3.92	3.82	4.02	3.92	3.12	-	-	3.12	-	-
Pot Cap-1 Maneuver	0	0	188	19	2	206	108	-	-	123	-	-
Stage 1	0	0	-	39	104	-	-	-	-	-	-	-
Stage 2	0	0	-	292	84	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	-	188	13	2	206	108	-	-	123	-	-
Mov Cap-2 Maneuver	-	-	-	13	2	-	-	-	-	-	-	-
Stage 1	-	-	-	37	99	-	-	-	-	-	-	-
Stage 2	-	-	-	190	68	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	28.6	$ 385.4	0.1	0.5
HCM LOS	D	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	108	-	-	188	13	-	123	-	-
HCM Lane V/C Ratio	0.05	-	-	0.191	0.334	-	0.194	-	-
HCM Control Delay (s)	40.1	-	-	28.6	$ 385.4	0	41.2	-	-
HCM Lane LOS	E	-	-	D	F	A	E	-	-
HCM 95th %tile Q(veh)	0.2	-	-	0.7	0.8	-	0.7	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕				
Traffic Vol, veh/h	0	315	9	38	228	2	8	2	85	26	0	0
Future Vol, veh/h	0	315	9	38	228	2	8	2	85	26	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	16965	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	342	10	41	248	2	9	2	92	28	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	250	0	0	352	0	0	678	679	347
Stage 1	-	-	-	-	-	-	347	347	-
Stage 2	-	-	-	-	-	-	331	332	-
Critical Hdwy	4.12	-	-	4.12	-	-	6.42	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318
Pot Cap-1 Maneuver	1316	-	-	1207	-	-	418	374	696
Stage 1	-	-	-	-	-	-	716	635	-
Stage 2	-	-	-	-	-	-	728	644	-
Platoon blocked, %		-	-		-	-			
Mov Cap-1 Maneuver	1316	-	-	1207	-	-	402	0	696
Mov Cap-2 Maneuver	-	-	-	-	-	-	402	0	-
Stage 1	-	-	-	-	-	-	688	0	-
Stage 2	-	-	-	-	-	-	728	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	1.1	11.5
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR
Capacity (veh/h)	655	1316	-	-	1207	-	-
HCM Lane V/C Ratio	0.158	-	-	-	0.034	-	-
HCM Control Delay (s)	11.5	0	-	-	8.1	0	-
HCM Lane LOS	B	A	-	-	A	A	-
HCM 95th %tile Q(veh)	0.6	0	-	-	0.1	-	-

Intersection	
Intersection Delay, s/veh	7.5
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	8	12	10	21	38	18	8	36	5	16	34	10
Future Vol, veh/h	8	12	10	21	38	18	8	36	5	16	34	10
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	9	13	11	23	41	20	9	39	5	17	37	11
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.3	7.6	7.5	7.5
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	16%	27%	27%	27%
Vol Thru, %	73%	40%	49%	57%
Vol Right, %	10%	33%	23%	17%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	49	30	77	60
LT Vol	8	8	21	16
Through Vol	36	12	38	34
RT Vol	5	10	18	10
Lane Flow Rate	53	33	84	65
Geometry Grp	1	1	1	1
Degree of Util (X)	0.062	0.037	0.095	0.075
Departure Headway (Hd)	4.157	4.056	4.078	4.129
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	852	871	870	858
Service Time	2.229	2.137	2.147	2.199
HCM Lane V/C Ratio	0.062	0.038	0.097	0.076
HCM Control Delay	7.5	7.3	7.6	7.5
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.2	0.1	0.3	0.2

Intersection	
Int Delay, s/veh	1.3

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	6	21	6	2207	2321	52
Future Vol, veh/h	6	21	6	2207	2321	52
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	130	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	7	23	7	2399	2523	57

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	3526	1290	2580	0	-	0
Stage 1	2552	-	-	-	-	-
Stage 2	974	-	-	-	-	-
Critical Hdwy	5.74	7.14	5.34	-	-	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	3.12	-	-	-
Pot Cap-1 Maneuver	13	132	63	-	-	-
Stage 1	25	-	-	-	-	-
Stage 2	295	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	12	132	63	-	-	-
Mov Cap-2 Maneuver	12	-	-	-	-	-
Stage 1	22	-	-	-	-	-
Stage 2	295	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	208.8	0.2	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	63	-	41	-	-
HCM Lane V/C Ratio	0.104	-	0.716	-	-
HCM Control Delay (s)	68.6	-	208.8	-	-
HCM Lane LOS	F	-	F	-	-
HCM 95th %tile Q(veh)	0.3	-	2.7	-	-

Intersection	
Int Delay, s/veh	12.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	0	57	16	0	10	7	2020	74	16	2202	68
Future Vol, veh/h	0	0	57	16	0	10	7	2020	74	16	2202	68
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	0	55	-	0	70	-	-	155	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	0	62	17	0	11	8	2196	80	17	2393	74

Major/Minor	Minor2		Minor1			Major1				Major2		
Conflicting Flow All	-	-	1234	3243	4753	1138	2467	0	0	2276	0	0
Stage 1	-	-	-	2252	2252	-	-	-	-	-	-	-
Stage 2	-	-	-	991	2501	-	-	-	-	-	-	-
Critical Hdwy	-	-	7.14	6.44	6.54	7.14	5.34	-	-	5.34	-	-
Critical Hdwy Stg 1	-	-	-	7.34	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	6.74	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	3.92	3.82	4.02	3.92	3.12	-	-	3.12	-	-
Pot Cap-1 Maneuver	0	0	144	~ 10	1	168	72	-	-	90	-	-
Stage 1	0	0	-	25	77	-	-	-	-	-	-	-
Stage 2	0	0	-	238	57	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	-	-	144	~ 4	1	168	72	-	-	90	-	-
Mov Cap-2 Maneuver	-	-	-	~ 4	1	-	-	-	-	-	-	-
Stage 1	-	-	-	22	68	-	-	-	-	-	-	-
Stage 2	-	-	-	110	46	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	47.7	$ 1970.2	0.2	0.4
HCM LOS	E	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	72	-	-	144	4	168	90	-	-
HCM Lane V/C Ratio	0.106	-	-	0.43	4.348	0.065	0.193	-	-
HCM Control Delay (s)	60.8	-	-	47.3	$ 3184.1	27.9	54.3	-	-
HCM Lane LOS	F	-	-	E	F	D	F	-	-
HCM 95th %tile Q(veh)	0.3	-	-	1.9	3.5	0.2	0.7	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Intersection	
Int Delay, s/veh	2.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕				
Traffic Vol, veh/h	0	346	7	48	414	7	17	2	104	20	0	0
Future Vol, veh/h	0	346	7	48	414	7	17	2	104	20	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	16965	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	376	8	52	450	8	18	2	113	22	0	0

Major/Minor	Major1			Major2			Minor1		
Conflicting Flow All	458	0	0	384	0	0	938	942	380
Stage 1	-	-	-	-	-	-	380	380	-
Stage 2	-	-	-	-	-	-	558	562	-
Critical Hdwy	4.12	-	-	4.12	-	-	6.42	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	5.42	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	5.42	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318
Pot Cap-1 Maneuver	1103	-	-	1174	-	-	293	263	667
Stage 1	-	-	-	-	-	-	691	614	-
Stage 2	-	-	-	-	-	-	573	510	-
Platoon blocked, %		-	-		-	-			
Mov Cap-1 Maneuver	1103	-	-	1174	-	-	276	0	667
Mov Cap-2 Maneuver	-	-	-	-	-	-	276	0	-
Stage 1	-	-	-	-	-	-	650	0	-
Stage 2	-	-	-	-	-	-	573	0	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.8	13.5
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR
Capacity (veh/h)	556	1103	-	-	1174	-	-
HCM Lane V/C Ratio	0.24	-	-	-	0.044	-	-
HCM Control Delay (s)	13.5	0	-	-	8.2	0	-
HCM Lane LOS	B	A	-	-	A	A	-
HCM 95th %tile Q(veh)	0.9	0	-	-	0.1	-	-

Intersection	
Intersection Delay, s/veh	7.7
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	4	14	8	33	21	23	16	68	8	20	31	7
Future Vol, veh/h	4	14	8	33	21	23	16	68	8	20	31	7
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	4	15	9	36	23	25	17	74	9	22	34	8
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay	7.4	7.7	7.8	7.6
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	17%	15%	43%	34%
Vol Thru, %	74%	54%	27%	53%
Vol Right, %	9%	31%	30%	12%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	92	26	77	58
LT Vol	16	4	33	20
Through Vol	68	14	21	31
RT Vol	8	8	23	7
Lane Flow Rate	100	28	84	63
Geometry Grp	1	1	1	1
Degree of Util (X)	0.116	0.033	0.096	0.074
Departure Headway (Hd)	4.159	4.235	4.144	4.201
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	852	850	851	841
Service Time	2.233	2.235	2.237	2.285
HCM Lane V/C Ratio	0.117	0.033	0.099	0.075
HCM Control Delay	7.8	7.4	7.7	7.6
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.4	0.1	0.3	0.2

DRIVEWAY

Intersection	
Int Delay, s/veh	0.3

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	21	0	0	1543	26
Future Vol, veh/h	0	21	0	0	1543	26
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	-	16974	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	23	0	0	1677	28

Major/Minor	Minor2			Major2	
Conflicting Flow All	-	853		-	0
Stage 1	-	-		-	-
Stage 2	-	-		-	-
Critical Hdwy	-	7.14		-	-
Critical Hdwy Stg 1	-	-		-	-
Critical Hdwy Stg 2	-	-		-	-
Follow-up Hdwy	-	3.92		-	-
Pot Cap-1 Maneuver	0	260		-	-
Stage 1	0	-		-	-
Stage 2	0	-		-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	-	260		-	-
Mov Cap-2 Maneuver	-	-		-	-
Stage 1	-	-		-	-
Stage 2	-	-		-	-

Approach	EB	SB
HCM Control Delay, s	20.2	0
HCM LOS	C	

Minor Lane/Major Mvmt	EBLn1	SBT	SBR
Capacity (veh/h)	260	-	-
HCM Lane V/C Ratio	0.088	-	-
HCM Control Delay (s)	20.2	-	-
HCM Lane LOS	C	-	-
HCM 95th %tile Q(veh)	0.3	-	-

Intersection	
Int Delay, s/veh	0.3

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	23	0	0	1889	32
Future Vol, veh/h	0	23	0	0	1889	32
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	-	16974	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	25	0	0	2053	35

Major/Minor	Minor2			Major2	
Conflicting Flow All	-	1044		-	0
Stage 1	-	-		-	-
Stage 2	-	-		-	-
Critical Hdwy	-	7.14		-	-
Critical Hdwy Stg 1	-	-		-	-
Critical Hdwy Stg 2	-	-		-	-
Follow-up Hdwy	-	3.92		-	-
Pot Cap-1 Maneuver	0	194		-	-
Stage 1	0	-		-	-
Stage 2	0	-		-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	-	194		-	-
Mov Cap-2 Maneuver	-	-		-	-
Stage 1	-	-		-	-
Stage 2	-	-		-	-

Approach	EB	SB
HCM Control Delay, s	26.3	0
HCM LOS	D	

Minor Lane/Major Mvmt	EBLn1	SBT	SBR
Capacity (veh/h)	194	-	-
HCM Lane V/C Ratio	0.129	-	-
HCM Control Delay (s)	26.3	-	-
HCM Lane LOS	D	-	-
HCM 95th %tile Q(veh)	0.4	-	-

Intersection	
Int Delay, s/veh	0.3

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	21	0	0	1928	26
Future Vol, veh/h	0	21	0	0	1928	26
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	-	16974	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	23	0	0	2096	28

Major/Minor	Minor2			Major2	
Conflicting Flow All	-	1062		-	0
Stage 1	-	-		-	-
Stage 2	-	-		-	-
Critical Hdwy	-	7.14		-	-
Critical Hdwy Stg 1	-	-		-	-
Critical Hdwy Stg 2	-	-		-	-
Follow-up Hdwy	-	3.92		-	-
Pot Cap-1 Maneuver	0	189		-	-
Stage 1	0	-		-	-
Stage 2	0	-		-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	-	189		-	-
Mov Cap-2 Maneuver	-	-		-	-
Stage 1	-	-		-	-
Stage 2	-	-		-	-

Approach	EB	SB
HCM Control Delay, s	26.6	0
HCM LOS	D	

Minor Lane/Major Mvmt	EBLn1	SBT	SBR
Capacity (veh/h)	189	-	-
HCM Lane V/C Ratio	0.121	-	-
HCM Control Delay (s)	26.6	-	-
HCM Lane LOS	D	-	-
HCM 95th %tile Q(veh)	0.4	-	-

Intersection	
Int Delay, s/veh	0.4

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	23	0	0	2237	32
Future Vol, veh/h	0	23	0	0	2237	32
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	-	16974	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	25	0	0	2432	35

Major/Minor	Minor2			Major2	
Conflicting Flow All	-	1234		-	0
Stage 1	-	-		-	-
Stage 2	-	-		-	-
Critical Hdwy	-	7.14		-	-
Critical Hdwy Stg 1	-	-		-	-
Critical Hdwy Stg 2	-	-		-	-
Follow-up Hdwy	-	3.92		-	-
Pot Cap-1 Maneuver	0	144		-	-
Stage 1	0	-		-	-
Stage 2	0	-		-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	-	144		-	-
Mov Cap-2 Maneuver	-	-		-	-
Stage 1	-	-		-	-
Stage 2	-	-		-	-

Approach	EB	SB
HCM Control Delay, s	35.2	0
HCM LOS	E	

Minor Lane/Major Mvmt	EBLn1	SBT	SBR
Capacity (veh/h)	144	-	-
HCM Lane V/C Ratio	0.174	-	-
HCM Control Delay (s)	35.2	-	-
HCM Lane LOS	E	-	-
HCM 95th %tile Q(veh)	0.6	-	-

APPENDIX D:
SIGNAL WARRANT SHEETS

EXISTING

FEHR PEERS

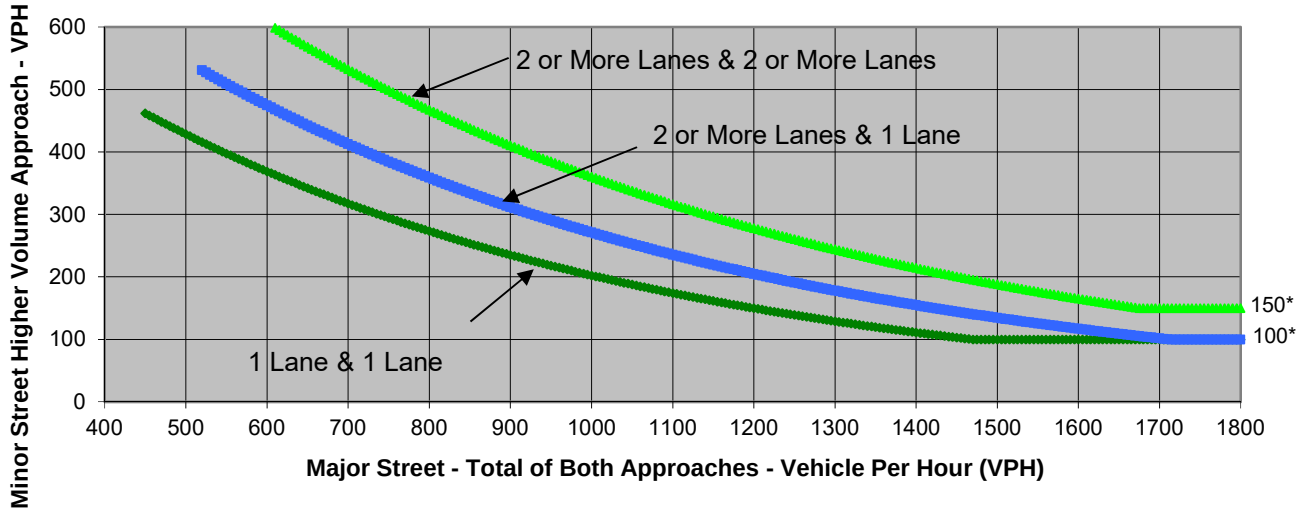
Major Street	Pacific Coast Highway	Project	Pacific Coast Commons
Minor Street	Palm Ave	Scenario	Existing Conditions
		Peak Hour	AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	2	0	12	0
Through	2,114	2,296	0	0
Right	0	18	17	0
Total	2,116	2,314	29	0

Major Street Direction

X	North/South
	East/West



* 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.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Pacific Coast Highway	Palm Ave	
Number of Approach Lanes	**5**	**1**	**NO**
Traffic Volume (VPH) *	**4,430**	**29**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR PEERS

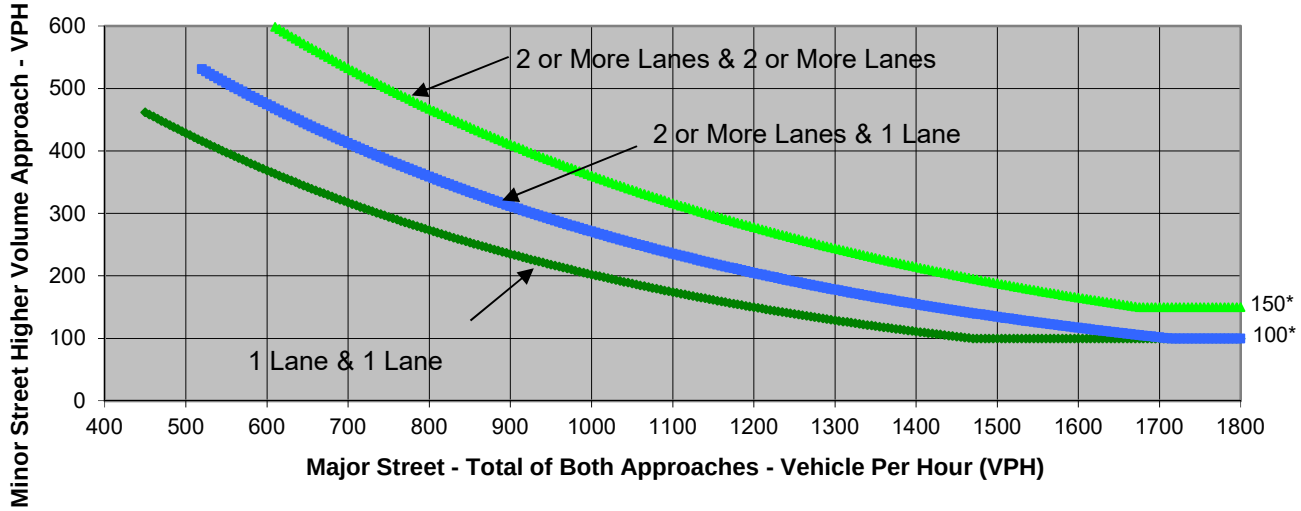
Major Street	Pacific Coast Highway	Project	Pacific Coast Commons
Minor Street	Palm Ave	Scenario	Existing Conditions
		Peak Hour	PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	3	0	5	0
Through	2,241	2,595	0	0
Right	0	28	21	0
Total	2,244	2,623	26	0

Major Street Direction

X	North/South
	East/West



* 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.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Pacific Coast Highway	Palm Ave	
Number of Approach Lanes	**5**	**1**	**NO**
Traffic Volume (VPH) *	**4,867**	**26**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR PEERS

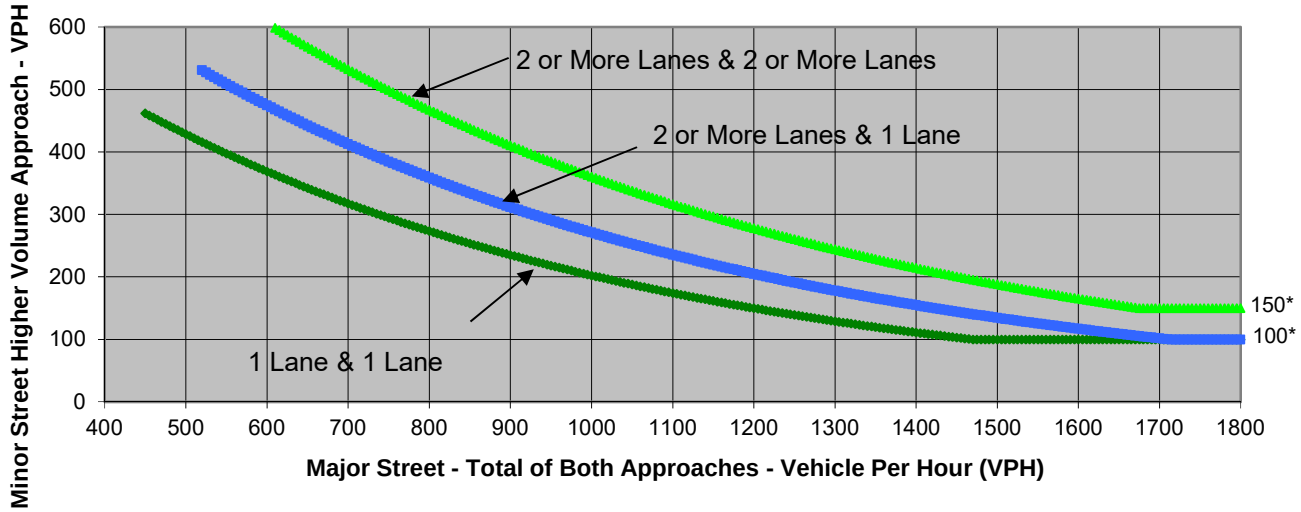
Major Street	Pacific Coast Highway	Project	Pacific Coast Commons
Minor Street	Holly Ave	Scenario	Existing Conditions
		Peak Hour	AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	4	22	0	4
Through	1,983	1,859	0	0
Right	58	116	30	0
Total	2,045	1,997	30	4

Major Street Direction

X	North/South
	East/West



* 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.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Pacific Coast Highway	Holly Ave	
Number of Approach Lanes	**5**	**1**	**NO**
Traffic Volume (VPH) *	**4,042**	**30**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR PEERS

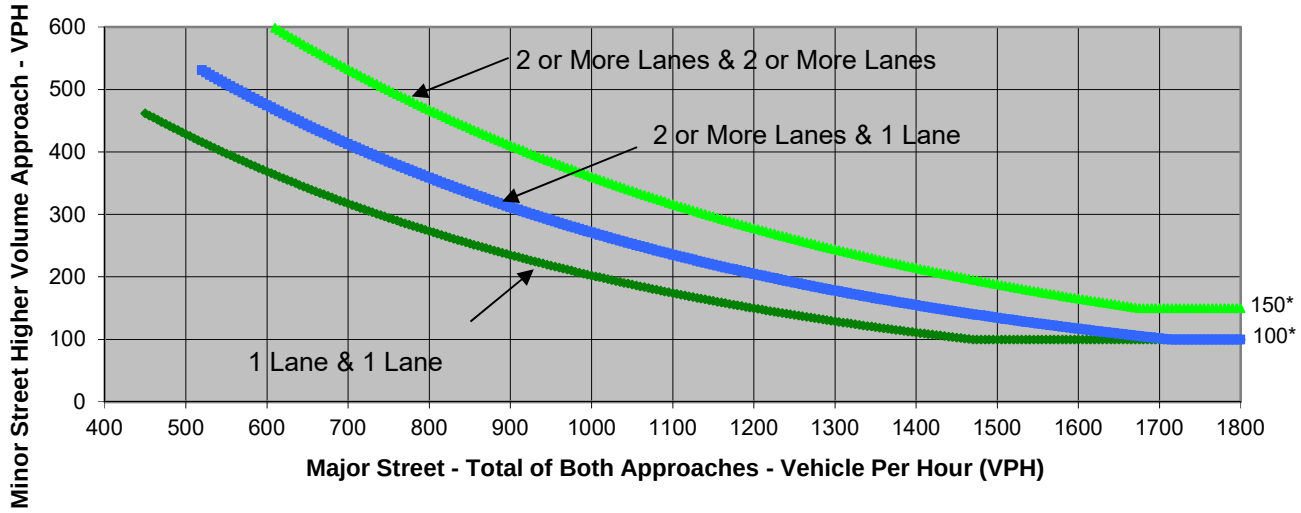
Major Street	Pacific Coast Highway	Project	Pacific Coast Commons
Minor Street	Holly Ave	Scenario	Existing Conditions
		Peak Hour	PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	5	16	0	16
Through	2,005	2,398	0	0
Right	73	67	50	10
Total	2,083	2,481	50	26

Major Street Direction

X	North/South
	East/West



* 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.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Pacific Coast Highway	Holly Ave	
Number of Approach Lanes	**5**	**1**	**NO**
Traffic Volume (VPH) *	**4,564**	**50**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

EXISTING PLUS PROJECT

FEHR PEERS

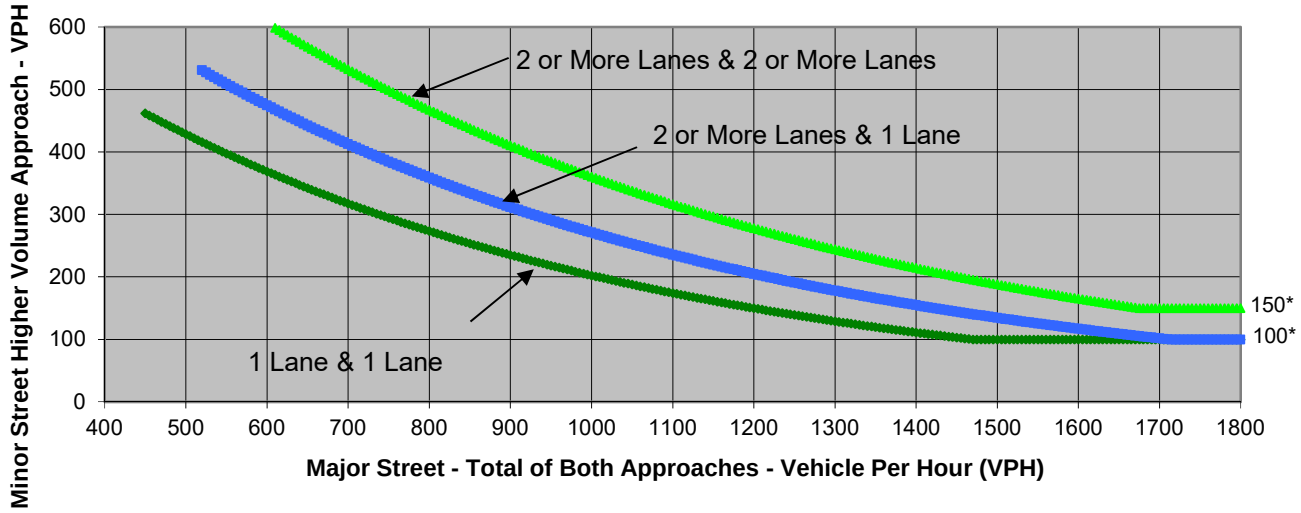
Major Street	Pacific Coast Highway	Project	Pacific Coast Commons
Minor Street	Palm Ave	Scenario	Existing + Project Conditions
		Peak Hour	AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	3	0	13	0
Through	2,163	2,317	0	0
Right	0	25	19	0
Total	2,166	2,342	32	0

Major Street Direction

X	North/South
	East/West



* 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.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Pacific Coast Highway	Palm Ave	
Number of Approach Lanes	**5**	**1**	**NO**
Traffic Volume (VPH) *	**4,508**	**32**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR PEERS

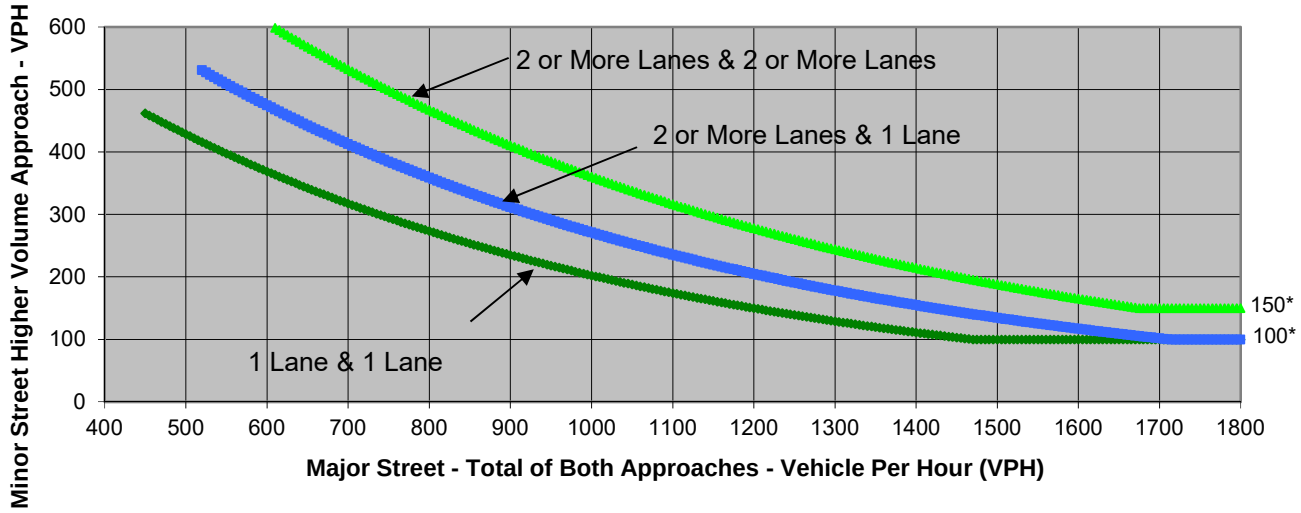
Major Street	Pacific Coast Highway	Project	Pacific Coast Commons
Minor Street	Palm Ave	Scenario	Existing + Project Conditions
		Peak Hour	PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	6	0	6	0
Through	2,285	2,632	0	0
Right	0	52	21	0
Total	2,291	2,684	27	0

Major Street Direction

X	North/South
	East/West



* 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.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Pacific Coast Highway	Palm Ave	
Number of Approach Lanes	**5**	**1**	**NO**
Traffic Volume (VPH) *	**4,975**	**27**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR PEERS

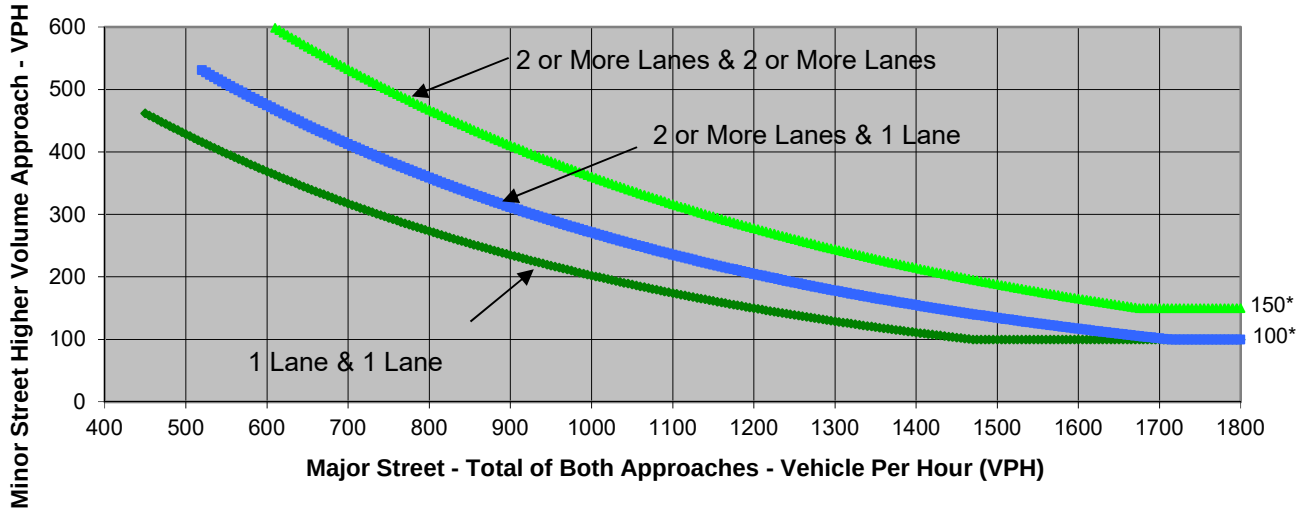
Major Street	Pacific Coast Highway	Project	Pacific Coast Commons
Minor Street	Holly Ave	Scenario	Existing + Project Conditions
		Peak Hour	AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	5	22	0	4
Through	2,009	1,891	0	0
Right	58	116	33	0
Total	2,072	2,029	33	4

Major Street Direction

X	North/South
	East/West



* 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.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Pacific Coast Highway	Holly Ave	
Number of Approach Lanes	**5**	**1**	**NO**
Traffic Volume (VPH) *	**4,101**	**33**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR PEERS

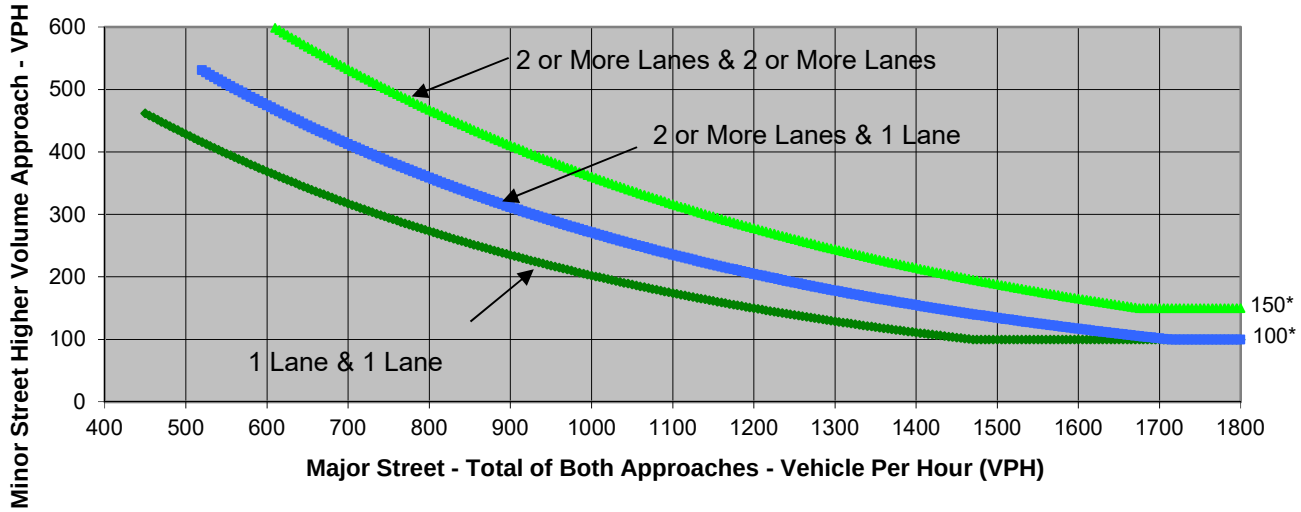
Major Street	Pacific Coast Highway	Project	Pacific Coast Commons
Minor Street	Holly Ave	Scenario	Existing + Project Conditions
		Peak Hour	PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	7	16	0	16
Through	2,046	2,429	0	0
Right	73	67	56	10
Total	2,126	2,512	56	26

Major Street Direction

X	North/South
	East/West



* 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.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Pacific Coast Highway	Holly Ave	
Number of Approach Lanes	**5**	**1**	**NO**
Traffic Volume (VPH) *	**4,638**	**56**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FUTURE BASE

FEHR PEERS

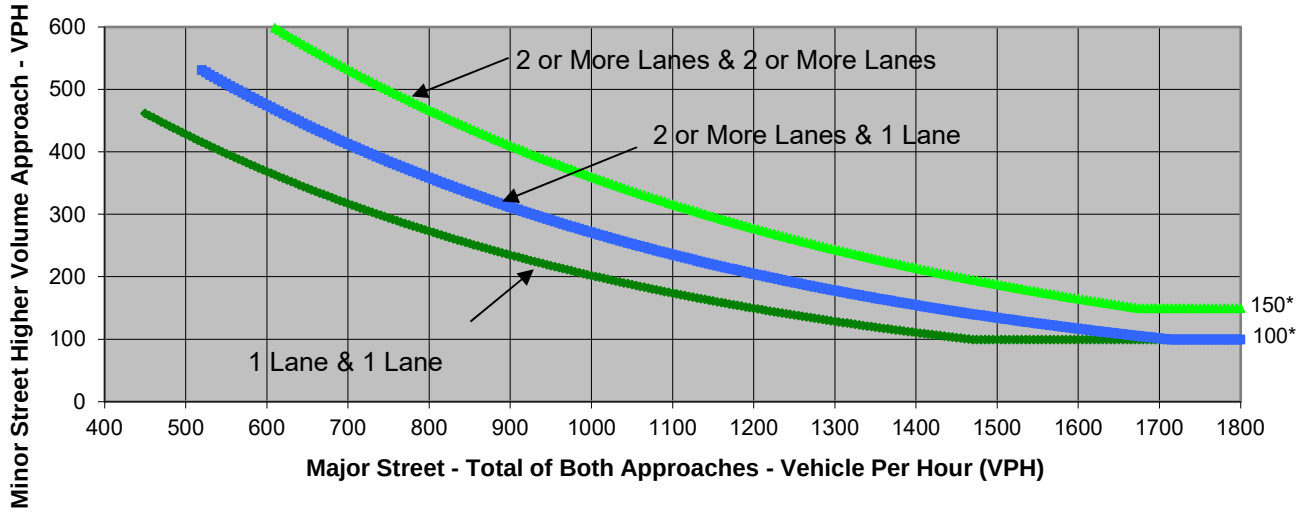
Major Street	Pacific Coast Highway	Project	Pacific Coast Commons
Minor Street	Palm Ave	Scenario	Future Conditions
		Peak Hour	AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	2	0	12	0
Through	2,372	2,741	0	0
Right	0	18	17	0
Total	2,374	2,759	29	0

Major Street Direction

X	North/South
	East/West



* 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.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Pacific Coast Highway	Palm Ave	
Number of Approach Lanes	**5**	**1**	**NO**
Traffic Volume (VPH) *	**5,133**	**29**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR PEERS

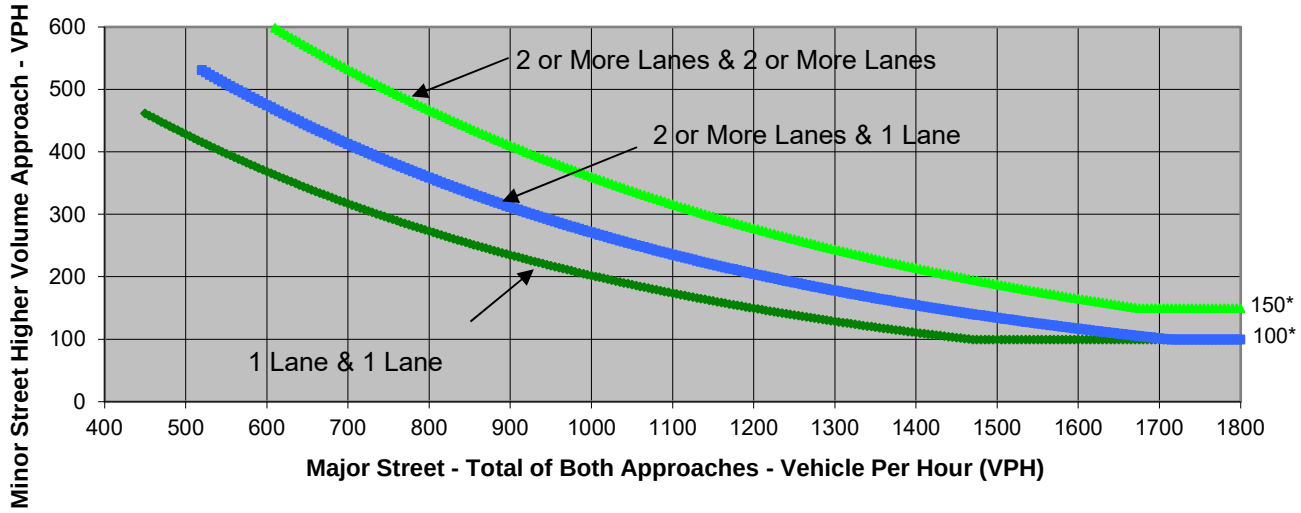
Major Street	Pacific Coast Highway	Project	Pacific Coast Commons
Minor Street	Palm Ave	Scenario	Future Conditions
		Peak Hour	PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	3	0	5	0
Through	2,732	2,944	0	0
Right	0	28	21	0
Total	2,735	2,972	26	0

Major Street Direction

X	North/South
	East/West



* 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.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Pacific Coast Highway	Palm Ave	
Number of Approach Lanes	**5**	**1**	**NO**
Traffic Volume (VPH) *	**5,707**	**26**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR PEERS

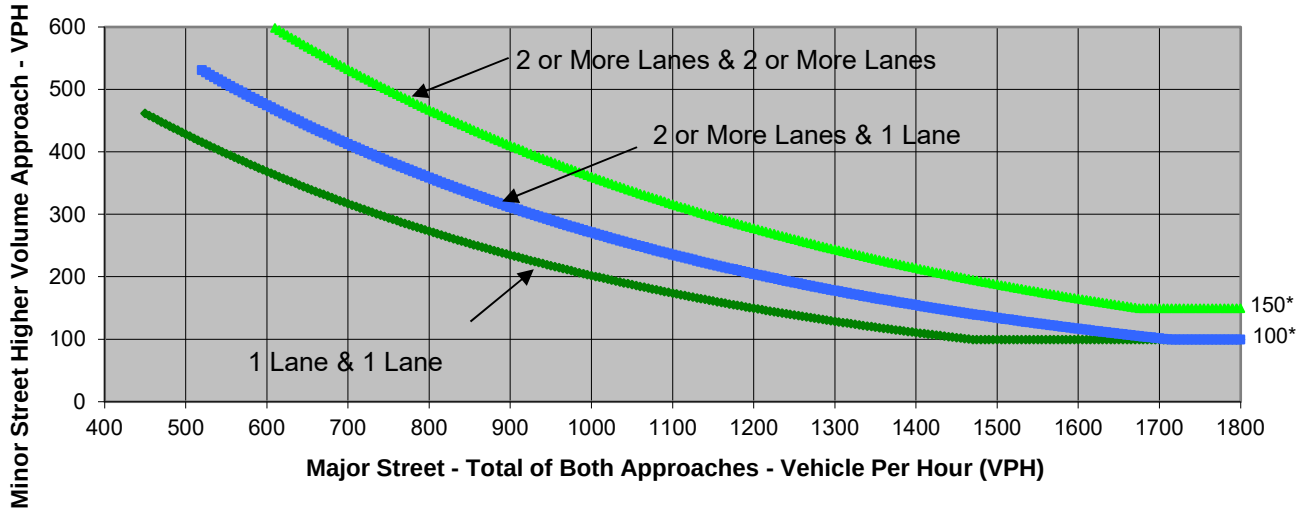
Major Street	Pacific Coast Highway	Project	Pacific Coast Commons
Minor Street	Holly Ave	Scenario	Future Conditions
		Peak Hour	AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	4	22	0	4
Through	2,270	2,280	0	0
Right	59	118	30	0
Total	2,333	2,420	30	4

Major Street Direction

X	North/South
	East/West



* 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.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Pacific Coast Highway	Holly Ave	
Number of Approach Lanes	**5**	**1**	**NO**
Traffic Volume (VPH) *	**4,753**	**30**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR & PEERS

Major Street	Pacific Coast Highway
Minor Street	Holly Ave

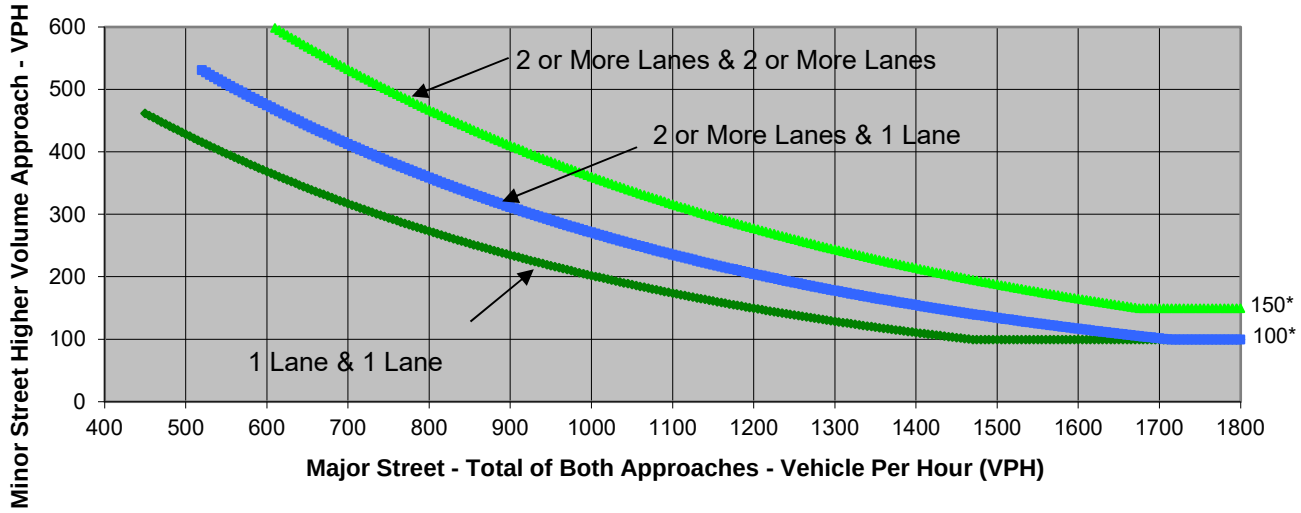
Project	Pacific Coast Commons
Scenario	Future Conditions
Peak Hour	PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	5	16	0	16
Through	2,488	2,780	0	0
Right	74	68	51	10
Total	2,567	2,864	51	26

Major Street Direction

X	North/South
	East/West



* 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.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Pacific Coast Highway	Holly Ave	
Number of Approach Lanes	**5**	**1**	**NO**
Traffic Volume (VPH) *	**5,431**	**51**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FUTURE PLUS PROJECT

FEHR PEERS

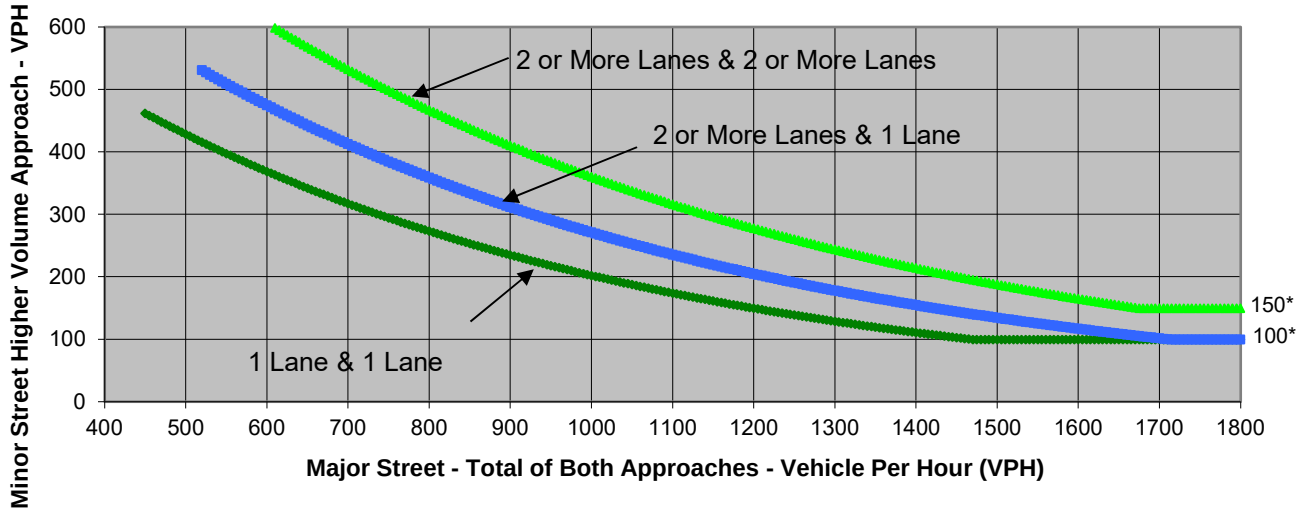
Major Street	Pacific Coast Highway	Project	Pacific Coast Commons
Minor Street	Palm Ave	Scenario	Future + Project Conditions
		Peak Hour	AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	3	0	13	0
Through	2,421	2,762	0	0
Right	0	25	19	0
Total	2,424	2,787	32	0

Major Street Direction

X	North/South
	East/West



* 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.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Pacific Coast Highway	Palm Ave	
Number of Approach Lanes	**5**	**1**	**NO**
Traffic Volume (VPH) *	**5,211**	**32**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR PEERS

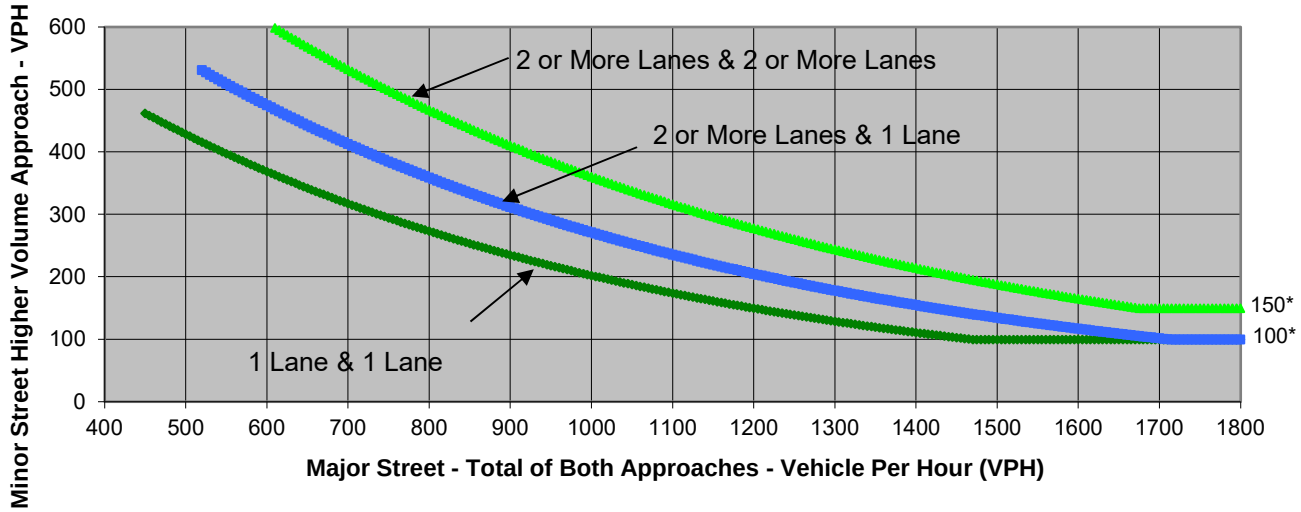
Major Street	Pacific Coast Highway	Project	Pacific Coast Commons
Minor Street	Palm Ave	Scenario	Future + Project Conditions
		Peak Hour	PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	6	0	6	0
Through	2,776	2,981	0	0
Right	0	52	21	0
Total	2,782	3,033	27	0

Major Street Direction

X	North/South
	East/West



* 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.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Pacific Coast Highway	Palm Ave	
Number of Approach Lanes	**5**	**1**	**NO**
Traffic Volume (VPH) *	**5,815**	**27**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR PEERS

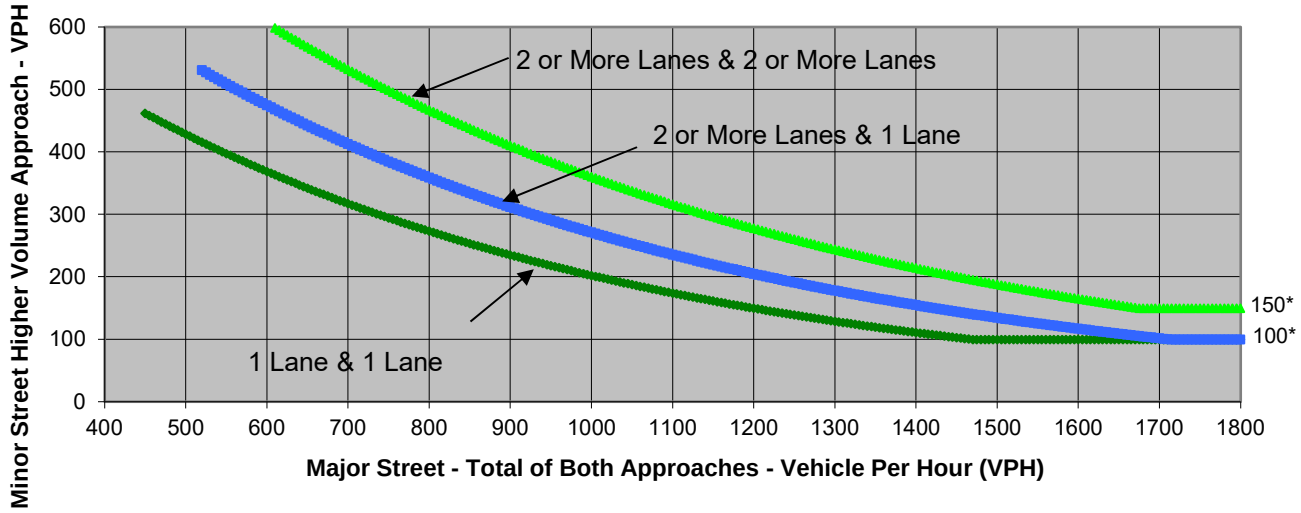
Major Street	Pacific Coast Highway	Project	Pacific Coast Commons
Minor Street	Holly Ave	Scenario	Future + Project Conditions
		Peak Hour	AM

Turn Movement Volumes

	NB	SB	EB	WB
Left	5	22	0	4
Through	2,296	2,312	0	0
Right	59	118	33	0
Total	2,360	2,452	33	4

Major Street Direction

X	North/South
	East/West



* 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.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Pacific Coast Highway	Holly Ave	
Number of Approach Lanes	**5**	**1**	**NO**
Traffic Volume (VPH) *	**4,812**	**33**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

FEHR PEERS

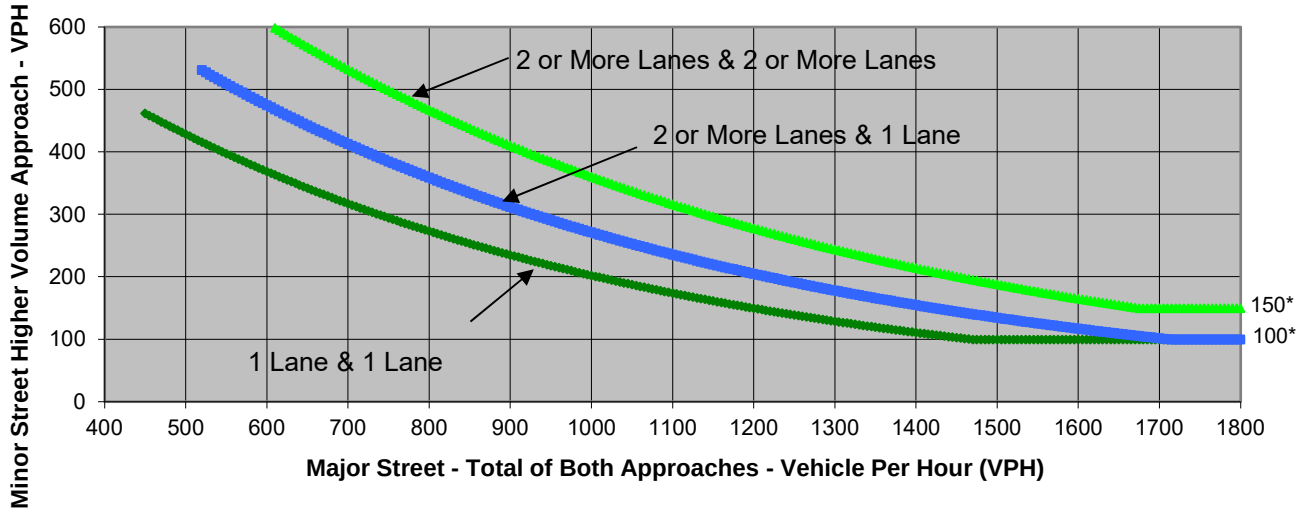
Major Street	Pacific Coast Highway	Project	Pacific Coast Commons
Minor Street	Holly Ave	Scenario	Future + Project Conditions
		Peak Hour	PM

Turn Movement Volumes

	NB	SB	EB	WB
Left	7	16	0	16
Through	2,529	2,811	0	0
Right	74	68	57	10
Total	2,610	2,895	57	26

Major Street Direction

X	North/South
	East/West



* 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.

Source: *California Manual on Uniform Traffic Control Devices*, Caltrans, 2014

	Major Street	Minor Street	Warrant Met
	Pacific Coast Highway	Holly Ave	
Number of Approach Lanes	**5**	**1**	**NO**
Traffic Volume (VPH) *	**5,505**	**57**	

* Note: Traffic Volume for Major Street is Total Volume of Both Approches.
Traffic Volume for Minor Street is the Volume of High Volume Approach.

APPENDIX E:
PROJECT-RELATED INFRASTRUCTURE IMPROVEMENT ANALYSIS

TABLE E1
PACIFIC COAST COMMONS PROJECT
EXISTING PLUS PROJECT INTERSECTION LEVEL OF SERVICE ANALYSIS
PACIFIC COAST HIGHWAY & MARIPOSA AVENUE - PROJECT-RELATED IMPROVEMENT

NO.	INTERSECTION	PEAK HOUR	EXISTING		EXISTING + PROJECT WITHOUT IMPROVEMENT		V/C INCREASE	EXISTING + PROJECT WITH IMPROVEMENT [a]		V/C INCREASE
			V/C	LOS	V/C	LOS		V/C	LOS	
4	Pacific Coast Hwy &	AM	0.718	C	0.729	C	0.011	0.691	B	-0.027
	Mariposa Ave	PM	0.784	C	0.814	D	0.030	0.783	C	-0.001

[a] As part of the project, the eastbound leg of Mariposa Avenue at Pacific Coast Highway will be reconfigured from one left lane and one through-right lane to one left, one through, and one right turn lane.

TABLE E2
PACIFIC COAST COMMONS PROJECT
FUTURE PLUS PROJECT INTERSECTION LEVEL OF SERVICE ANALYSIS
PACIFIC COAST HIGHWAY & MARIPOSA AVENUE - PROJECT-RELATED IMPROVEMENT

NO.	INTERSECTION	PEAK HOUR	FUTURE (2025)		FUTURE + PROJECT WITHOUT IMPROVEMENT		V/C INCREASE	FUTURE + PROJECT WITH IMPROVEMENT [a]		V/C INCREASE
			V/C	LOS	V/C	LOS		V/C	LOS	
4	Pacific Coast Hwy &	AM	0.779	C	0.790	C	0.011	0.746	C	-0.033
	Mariposa Ave	PM	0.880	D	0.910	E	0.030	0.862	D	-0.018

[a] As part of the project, the eastbound leg of Mariposa Avenue at Pacific Coast Highway will be reconfigured from one left lane and one through-right lane to one left, one through, and one right turn lane.

TABLE E3
PACIFIC COAST COMMONS PROJECT
EXISTING AND EXISTING PLUS PROJECT PEAK HOUR QUEUES ANALYSIS
PACIFIC COAST HIGHWAY & MARIPOSA AVENUE - PROJECT-RELATED IMPROVEMENT

ID	Approach	Cross Street	Turning Movements by Lanes at Intersection	Existing Conditions				Existing + Project without Improvement						Existing + Project with Improvement [a]					
				AM 95th Percentile Queue		PM 95th Percentile Queue		AM 95th Percentile Queue		PM 95th Percentile Queue		Queue Length Increase (ft)		AM 95th Percentile Queue		PM 95th Percentile Queue		Queue Length Increase (ft)	
				Queue (ft)	Total Queue Length (ft)	Lane (ft)	Total Queue Length (ft)	Lane (ft)	Total Queue Length (ft)	Lane (ft)	Total Queue Length (ft)	AM	PM	Lane (ft)	Total Queue Length (ft)	Lane (ft)	Total Queue Length (ft)	AM	PM
4	Mariposa Avenue Eastbound	Pacific Coast Highway	Left Through Right	#228 322 -	550	#213 269 -	482	#321 340 -	661	#292 289 -	581	111	99	#297 269 0	566	#292 222 20	534	16	52

[a]: As part of the project, the eastbound leg of Mariposa Avenue at Pacific Coast Highway will be reconfigured from one left lane and one through-right lane to one left, one through, and one right turn lane.
#: 95th percentile queue may be longer. Queue shown is maximum after two cycles.

TABLE E4
PACIFIC COAST COMMONS PROJECT
FUTURE AND FUTURE PLUS PROJECT PEAK HOUR QUEUES ANALYSIS
PACIFIC COAST HIGHWAY & MARIPOSA AVENUE - PROJECT-RELATED IMPROVEMENT

ID	Approach	Cross Street	Turning Movements by Lanes at Intersection	Future Base Conditions				Future + Project without Improvement						Future + Project with Improvement [a]					
				AM 95th Percentile Queue		PM 95th Percentile Queue		AM 95th Percentile Queue		PM 95th Percentile Queue		Queue Length Increase (ft)		AM 95th Percentile Queue		PM 95th Percentile Queue		Queue Length Increase (ft)	
				Queue (ft)	Total Queue Length (ft)	Lane (ft)	Total Queue Length (ft)	Lane (ft)	Total Queue Length (ft)	Lane (ft)	Total Queue Length (ft)	AM	PM	Lane (ft)	Total Queue Length (ft)	Lane (ft)	Total Queue Length (ft)	AM	PM
4	Mariposa Avenue Eastbound	Pacific Coast Highway	Left Through Right	#235 337 -	572	#217 296 -	513	#326 355 -	681	#300 315 -	615	109	102	#326 275 1	602	#300 225 40	565	30	52

[a]: As part of the project, the eastbound leg of Mariposa Avenue at Pacific Coast Highway will be reconfigured from one left lane and one through-right lane to one left, one through, and one right turn lane.
#: 95th percentile queue may be longer. Queue shown is maximum after two cycles.

Project Title: **Pacific Coast Commons Project**
Intersection: **4 - Pacific Coast Hwy & Mariposa Ave**
Description: **Existing + Project (without Improvement)**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	82	0	0.000	N-S(1):	0.413 *
	TH	4.00	1,882	6,400	0.307	N-S(2):	0.353
	LT	2.00	309	2,560	0.121 *	E-W(1):	0.216 *
Westbound	RT	1.00	82	1,600	0.000	E-W(2):	0.160
	TH	1.00	97	1,600	0.061		
	LT	1.00	58	1,600	0.036 *	V/C:	0.629
Northbound	RT	1.00	106	1,600	0.048	Lost Time:	0.100
	TH	4.00	1,866	6,400	0.292 *	ITS:	0.000
	LT	1.00	73	1,600	0.046		
Eastbound	RT	0.21	61	339	0.157	ICU:	0.729
	TH	0.79	227	1,261	0.180 *		
	LT	1.00	158	1,600	0.099	LOS:	C

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	118	0	0.000	N-S(1):	0.410
	TH	4.00	2,284	6,400	0.375 *	N-S(2):	0.463 *
	LT	2.00	284	2,560	0.111	E-W(1):	0.251 *
Westbound	RT	1.00	202	1,600	0.071	E-W(2):	0.220
	TH	1.00	215	1,600	0.134		
	LT	1.00	172	1,600	0.108 *	V/C:	0.714
Northbound	RT	1.00	148	1,600	0.039	Lost Time:	0.100
	TH	4.00	1,915	6,400	0.299	ITS:	0.000
	LT	1.00	141	1,600	0.088 *		
Eastbound	RT	0.26	59	414	0.098	ICU:	0.814
	TH	0.74	169	1,186	0.143 *		
	LT	1.00	137	1,600	0.086	LOS:	D

* - Denotes critical movement

Project Title: **Pacific Coast Commons Project**
Intersection: **4 - Pacific Coast Hwy & Mariposa Ave**
Description: **Future + Project without Improvement**

Thru Lane:	1600 vph	N-S Split Phase :	N
Left Lane:	1600 vph	E-W Split Phase :	N
Double Lt Penalty:	20 %	Lost Time (% of cycle) :	10
ITS:	0 %	V/C Round Off (decs.) :	3
OLA Movements :			
FF Movements:			

Date/Time: **AM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	83	0	0.000	N-S(1):	0.463 *
	TH	4.00	2,292	6,400	0.371	N-S(2):	0.423
	LT	2.00	341	2,560	0.133 *	E-W(1):	0.227 *
Westbound	RT	1.00	87	1,600	0.000	E-W(2):	0.163
	TH	1.00	99	1,600	0.062		
	LT	1.00	63	1,600	0.039 *	V/C:	0.690
Northbound	RT	1.00	135	1,600	0.065	Lost Time:	0.100
	TH	4.00	2,114	6,400	0.330 *	ITS:	0.000
	LT	1.00	83	1,600	0.052		
Eastbound	RT	0.23	69	368	0.162	ICU:	0.790
	TH	0.77	231	1,232	0.188 *		
	LT	1.00	161	1,600	0.101	LOS:	C

Date/Time: **PM PEAK HOUR**

APPROACH	MVMT	LANES	VOLUME	CAPACITY	V/C	ICU ANALYSIS	
Southbound	RT	0.00	121	0	0.000	N-S(1):	0.487
	TH	4.00	2,618	6,400	0.428 *	N-S(2):	0.528 *
	LT	2.00	296	2,560	0.116	E-W(1):	0.282 *
Westbound	RT	1.00	232	1,600	0.087	E-W(2):	0.224
	TH	1.00	218	1,600	0.136		
	LT	1.00	202	1,600	0.126 *	V/C:	0.810
Northbound	RT	1.00	157	1,600	0.035	Lost Time:	0.100
	TH	4.00	2,373	6,400	0.371	ITS:	0.000
	LT	1.00	160	1,600	0.100 *		
Eastbound	RT	0.31	77	495	0.106	ICU:	0.910
	TH	0.69	172	1,105	0.156 *		
	LT	1.00	140	1,600	0.088	LOS:	E

* - Denotes critical movement



Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	130	296	63	105	89	65	2015	115	338	2112
v/c Ratio	0.86	0.77	0.47	0.32	0.22	0.46	0.77	0.16	0.55	0.63
Control Delay	103.7	62.3	71.1	47.9	2.3	74.9	16.7	0.6	55.6	32.3
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	103.7	62.3	71.1	47.9	2.3	74.9	16.7	0.6	55.6	32.3
Queue Length 50th (ft)	114	244	54	81	0	48	271	0	109	287
Queue Length 95th (ft)	#228	322	101	122	8	m51	m#562	m3	189	545
Internal Link Dist (ft)		724		910			915			456
Turn Bay Length (ft)	100				130	185		185	200	
Base Capacity (vph)	157	489	183	524	545	209	2608	704	610	3351
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.83	0.61	0.34	0.20	0.16	0.31	0.77	0.16	0.55	0.63

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.



Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	116	231	187	233	220	127	2064	161	312	2574
v/c Ratio	0.82	0.75	0.96	0.63	0.47	0.72	0.69	0.20	0.77	0.84
Control Delay	103.9	69.0	117.8	60.6	11.1	79.0	23.8	4.1	77.6	40.8
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	103.9	69.0	117.8	60.6	11.1	79.0	23.8	4.1	77.6	40.8
Queue Length 50th (ft)	109	203	179	207	16	110	462	6	137	452
Queue Length 95th (ft)	#213	269	#336	269	82	m172	m574	m63	#199	#834
Internal Link Dist (ft)		724		910			915			456
Turn Bay Length (ft)	100				130	185		185	200	
Base Capacity (vph)	150	454	195	510	578	219	2976	786	404	3076
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.77	0.51	0.96	0.46	0.38	0.58	0.69	0.20	0.77	0.84

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.



Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	172	313	63	105	89	79	2028	115	336	2135
v/c Ratio	1.10	0.78	0.47	0.31	0.22	0.53	0.80	0.17	0.55	0.68
Control Delay	155.2	61.9	71.1	47.0	2.2	74.6	16.9	0.6	55.7	34.2
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	155.2	61.9	71.1	47.0	2.2	74.6	16.9	0.6	55.7	34.2
Queue Length 50th (ft)	~170	257	54	80	0	59	262	0	109	295
Queue Length 95th (ft)	#321	340	101	121	8	m58	m#512	m3	189	554
Internal Link Dist (ft)		724		910			915			456
Turn Bay Length (ft)	100				130	185		185	200	
Base Capacity (vph)	157	489	183	524	545	209	2550	691	610	3129
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	1.10	0.64	0.34	0.20	0.16	0.38	0.80	0.17	0.55	0.68

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.



Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	149	248	187	234	220	153	2082	161	309	2611
v/c Ratio	0.99	0.78	0.96	0.63	0.46	0.78	0.71	0.21	0.76	0.88
Control Delay	136.6	70.1	117.8	59.9	11.1	80.1	24.7	4.2	77.9	44.3
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	136.6	70.1	117.8	59.9	11.1	80.1	24.7	4.2	77.9	44.3
Queue Length 50th (ft)	143	218	179	206	16	130	493	7	136	476
Queue Length 95th (ft)	#292	289	#336	270	83	m#212	m581	m64	#196	#854
Internal Link Dist (ft)		724		910			915			456
Turn Bay Length (ft)	100				130	185		185	200	
Base Capacity (vph)	150	452	195	510	577	223	2932	775	404	2965
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.99	0.55	0.96	0.46	0.38	0.69	0.71	0.21	0.76	0.88

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	172	247	66	63	105	89	79	2028	115	336	2135
v/c Ratio	0.74	0.66	0.16	0.47	0.45	0.28	0.53	0.69	0.14	0.72	0.66
Control Delay	75.8	58.4	0.8	71.1	58.4	3.0	43.8	45.1	13.4	56.7	37.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	75.8	58.4	0.8	71.1	58.4	3.0	43.8	45.1	13.4	56.7	37.9
Queue Length 50th (ft)	144	208	0	54	90	0	59	518	28	153	374
Queue Length 95th (ft)	#297	269	0	101	123	8	m82	m525	m45	208	552
Internal Link Dist (ft)		724			910			915			456
Turn Bay Length (ft)	100		50			130	185		185	200	
Base Capacity (vph)	231	498	521	183	496	524	209	2923	819	584	3239
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.74	0.50	0.13	0.34	0.21	0.17	0.38	0.69	0.14	0.58	0.66

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	149	184	64	187	234	220	153	2082	161	309	2611
v/c Ratio	0.99	0.65	0.20	0.96	0.71	0.50	0.78	0.68	0.20	0.76	0.84
Control Delay	136.6	67.6	4.8	117.8	67.2	12.0	84.3	31.5	9.8	68.2	41.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	136.6	67.6	4.8	117.8	67.2	12.0	84.3	31.5	9.8	68.2	41.1
Queue Length 50th (ft)	143	169	0	179	214	17	134	506	39	156	468
Queue Length 95th (ft)	#292	222	20	#336	270	83	m#212	m600	m119	#210	#854
Internal Link Dist (ft)		724			910			915			456
Turn Bay Length (ft)	100		50			130	185		185	200	
Base Capacity (vph)	150	462	459	195	510	577	223	3069	805	426	3110
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.99	0.40	0.14	0.96	0.46	0.38	0.69	0.68	0.20	0.73	0.84

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.



Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	133	309	68	107	95	76	2276	146	372	2550
v/c Ratio	0.88	0.79	0.50	0.31	0.24	0.51	0.82	0.19	0.75	0.77
Control Delay	106.2	63.0	71.8	47.1	3.4	84.0	24.2	4.9	56.0	41.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	106.2	63.0	71.8	47.1	3.4	84.0	24.2	4.9	56.0	41.0
Queue Length 50th (ft)	117	254	59	82	0	70	599	17	175	468
Queue Length 95th (ft)	#235	337	107	123	17	m48	m507	m54	227	#804
Internal Link Dist (ft)		724		910			915			456
Turn Bay Length (ft)	100				130	185		185	200	
Base Capacity (vph)	157	488	183	524	541	209	2775	761	586	3293
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.85	0.63	0.37	0.20	0.18	0.36	0.82	0.19	0.63	0.77

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.



Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	118	254	218	236	251	147	2553	171	323	2929
v/c Ratio	0.83	0.78	1.12	0.61	0.50	0.78	0.88	0.22	0.77	0.98
Control Delay	105.1	70.0	156.2	58.7	11.2	76.5	41.3	12.0	68.1	54.7
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	105.1	70.0	156.2	58.7	11.2	76.5	41.3	12.0	68.1	54.7
Queue Length 50th (ft)	111	222	~236	207	20	125	686	67	163	563
Queue Length 95th (ft)	#217	296	#406	272	92	m168	m#824	m112	#226	#1032
Internal Link Dist (ft)		724		910			915			456
Turn Bay Length (ft)	100				130	185		185	200	
Base Capacity (vph)	150	452	195	510	596	221	2885	762	434	2974
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.79	0.56	1.12	0.46	0.42	0.67	0.88	0.22	0.74	0.98

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.



Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	175	326	68	108	95	90	2298	147	371	2581
v/c Ratio	1.11	0.80	0.50	0.30	0.23	0.57	0.84	0.20	0.75	0.84
Control Delay	160.4	62.7	71.8	46.3	3.3	81.6	25.2	5.1	56.4	44.8
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	160.4	62.7	71.8	46.3	3.3	81.6	25.2	5.1	56.4	44.8
Queue Length 50th (ft)	~175	266	59	81	0	81	608	21	175	480
Queue Length 95th (ft)	#326	355	107	123	17	m53	m509	m53	227	#844
Internal Link Dist (ft)		724		910			915			456
Turn Bay Length (ft)	100				130	185		185	200	
Base Capacity (vph)	157	488	183	524	541	209	2725	750	584	3065
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	1.11	0.67	0.37	0.21	0.18	0.43	0.84	0.20	0.64	0.84

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.



Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	152	271	220	237	252	174	2579	171	322	2978
v/c Ratio	1.01	0.80	1.13	0.61	0.50	0.81	0.91	0.23	0.76	1.05
Control Delay	141.0	70.6	159.2	58.0	11.2	73.5	42.8	12.1	67.5	74.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	141.0	70.6	159.2	58.0	11.2	73.5	42.8	12.1	67.5	74.5
Queue Length 50th (ft)	~148	235	~240	205	21	141	703	70	162	~892
Queue Length 95th (ft)	#300	315	#412	274	93	m#201	m#840	m106	m#224	#1059
Internal Link Dist (ft)		724		910			915			456
Turn Bay Length (ft)	100				130	185		185	200	
Base Capacity (vph)	150	452	195	510	596	232	2840	751	434	2831
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	1.01	0.60	1.13	0.46	0.42	0.75	0.91	0.23	0.74	1.05

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	175	251	75	68	108	95	90	2298	147	371	2581
v/c Ratio	1.11	0.68	0.18	0.50	0.35	0.25	0.57	0.80	0.19	0.75	0.80
Control Delay	160.4	59.9	0.9	71.8	50.2	3.7	83.8	21.6	4.2	53.7	41.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	160.4	59.9	0.9	71.8	50.2	3.7	83.8	21.6	4.2	53.7	41.6
Queue Length 50th (ft)	~175	213	0	59	86	0	82	589	7	174	473
Queue Length 95th (ft)	#326	275	1	107	123	17	m53	m509	m53	227	#840
Internal Link Dist (ft)		724			910			915			456
Turn Bay Length (ft)	100		50			130	185		185	200	
Base Capacity (vph)	157	496	519	183	524	541	209	2883	786	586	3225
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	1.11	0.51	0.14	0.37	0.21	0.18	0.43	0.80	0.19	0.63	0.80

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	152	187	84	220	237	252	174	2579	171	322	2978
v/c Ratio	1.01	0.66	0.26	1.13	0.71	0.54	0.81	0.85	0.21	0.76	0.99
Control Delay	141.0	67.4	9.8	159.2	66.8	12.5	77.1	37.2	10.4	65.1	55.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	141.0	67.4	9.8	159.2	66.8	12.5	77.1	37.2	10.4	65.1	55.0
Queue Length 50th (ft)	~148	170	0	~240	216	22	141	683	60	163	585
Queue Length 95th (ft)	#300	225	40	#412	274	93	m#201	m#840	m106	m#224	#1059
Internal Link Dist (ft)		724			910			915			456
Turn Bay Length (ft)	100		50			130	185		185	200	
Base Capacity (vph)	150	462	459	195	510	596	232	3031	796	434	3020
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	1.01	0.40	0.18	1.13	0.46	0.42	0.75	0.85	0.21	0.74	0.99

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

FEHR PEERS

MEMORANDUM

Date: February 17, 2021

To: Lionel Uhry, Mar Ventures

From: Vivian Lee and Tom Gaul

Subject: Pacific Coast Commons – Shared Parking Analysis *LA19-3078*

Fehr & Peers conducted a shared parking analysis for the proposed Pacific Coast Commons (PCC) development. The objective of the shared parking analysis is to assess the potential parking demand of each of the three various sites of the project at full buildout to determine whether the proposed supply is adequate to meet peak demand. This report outlines the methodology used for the shared parking analysis, as well as the methodology used to determine the parking ratios used for the hotel and the residential land uses that is used in the shared parking analysis.

PROJECT DESCRIPTION

Pacific Coast Commons is proposed mixed-use development in the City of El Segundo consisting of 263 residential dwelling units and 11,000 square feet of commercial space. The project is just over ½-mile from the Metro Mariposa Green Line Station and is also serviced by several bus routes including two local Metro (Route 232 and 625), one local Beach Cities Transit (109), and two LADOT Commuter Express (Route 438, 574) routes. The residential buildings would provide a mix of 91 studio, 119 one-bedroom, and 47 two-bedroom units with parking provided in new parking structures. Six townhouse-style units are also proposed, each of which would provide individual garages. For the purpose of this analysis, the project is separated into three different sites, as follows:

- PCC North Site [Land Use Area 5]
    - 143 residential units (137 apartments & 6 townhomes)
        - 47 Studios
        - 67 One-Bedrooms
        - 23 Two-Bedrooms
    - 2,223 square feet of retail space
    - 253 total parking spaces
        - 241 parking spaces
        - 12 townhome parking spaces in individual garages

- PCC Fairfield Site [Land Use Area 3 & 4]
    - Fairfield Hotel (350 rooms, already in operation)
    - 3,273 square feet of retail space
    - 215 replacement parking spaces for the Fairfield Hotel

- PCC South Site [Land Use Area 1 & 2]
    - 120 residential units
        - 44 Studios
        - 52 One-Bedrooms
        - 24 Two-Bedrooms
    - 5,756 square feet of commercial space
        - 2,056 square feet of retail space
        - 3,700 square feet of fast casual restaurant
    - Aloft Hotel (246 rooms, already in operation)
    - 336 parking spaces

PARKING DEMAND MODEL

The shared parking analysis was conducted using methodology provided in the Urban Land Institute's (ULI) *Shared Parking, 2nd Edition*.[1] The model was calibrated and adjusted based on the current parking demand for the existing hotels at the site based on the empirical parking counts conducted in May 2019 and ITE parking ratios for multifamily residential properties. These include adjustments to specific base parking rates and time-of-day occupancy factors.

BACKGROUND ON URBAN LAND INSTITUTE'S SHARED PARKING

ULI sponsored a national study in 1984 that established a basic methodology for analyzing parking demand in mixed-use developments and developed averages for parking rates by land use. Fehr & Peers staff was involved in the 2004 update of this national study sponsored by ULI. The analysis presented in this memorandum uses data from the updated *Shared Parking, 2nd Edition* report.

Shared parking is a concept in which land uses in close proximity share a "pool" of available parking spaces in order to reduce the overall supply needed for the development as a whole. Shared parking is practical in situations where variations exist in vehicles by hour, by day, or season at individual land uses.

In the shared parking methodology, the base parking rate and daily/hourly/seasonal patterns for each land use are established, and then the overall parking demand is calculated by taking into account the unique travel characteristics of the project being analyzed. In this analysis, certain adjustments were made to the base parking rate and time-of-day occupancy factor.

The calibrated model was then used to estimate peak parking demand for the peak month of the year for each project site.

[1] *Shared Parking.* Urban Land Institute. (2004). https://uli.bookstore.ipgbook.com/shared-parking-products-9780874202328.php

PARKING DEMAND ASSUMPTIONS

To determine the parking demand for Pacific Coast Commons, the following assumptions were made:

- Each of the three garages can be utilized as "overflow" parking if needed due to one of the other sites parking demand exceeding its on-site supply.[2]
- Peak parking demand rates for the residential units was estimated based on data from the El Segundo Municipal Code parking requirements and the Institute of Transportation Engineers' (ITE) *Parking Generation, 5th Edition*[3]; as discussed further below.
- The parking provided for residents of the townhouses in the individual garages were not included as part of the analysis, but guest parking for the townhouses were included in the shared parking calculation.
- The hotel peak parking demand rate was calculated using empirical data collected in May 2019 as part of this study at the Aloft and Fairfield hotels already operating onsite; as discussed further below.
- Peak parking demands for the retail and restaurant uses was estimated based on the El Segundo Municipal Code parking requirements for those uses.

RESIDENTIAL PARKING SUPPLY AND DEMAND RATE

Residential Parking Demand Research

To better understand the appropriate residential parking demand at Pacific Coast Commons, Fehr & Peers researched available data on parking demands at similar multifamily residential developments.

ITE Parking Generation Manual, 5th Edition

The Institute of Transportation Engineers published *Parking Generation, 5th Edition* in early 2019. The manual has traditionally provided parking demand rates for various land uses based on survey data collected in suburban, low-density areas. The 5th Edition includes additional survey data from Center City Core and Dense Multi-Use Urban locations as well. The latest survey information differentiates whether the survey data was collected within close proximity (½ mile) to rail transit. While the report does not provide authoritative findings, recommendations, or standards on parking demand, it is often referenced by planners and designers in making parking supply estimations and decisions.

Table 1 summarizes the parking supply recommendations from ITE for mid-rise multifamily housing developments. The General Urban/Suburban not within ½ mile of rail transit rates are the most conservative, although it should be noted that Pacific Coast Commons is located approximately ½ mile from the Metro Green Line Mariposa Station.

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[2] Based on Conditional Use Permits approved by the El Segundo Planning Commission on October 9, 2014.
[3] *Parking Generation, 5th Edition.* Institute of Transportation Professionals. (2019). https://www.ite.org/technical-resources/topics/trip-and-parking-generation/

Table 1: Mid-Rise Multifamily Apartment Parking Generation Rates

Setting	Proximity to Rail Transit	Per Dwelling Unit	Per Bedroom
Center City Core	Within ½ mile of rail transit	1.1	1.0
Dense Multi-Use Urban	Within ½ mile of rail transit	1.2	0.9
	Not within ½ mile of rail transit	1.2	0.8
General Urban/Suburban	Within ½ mile of rail transit	1.5	0.8
	Not within ½ mile of rail transit	1.7	1.0

Palo Alto Multifamily Parking Demand Rate Study

Fehr & Peers conducted a study in April 2018 to provide the City of Palo Alto with parking demand rate data for multifamily developments. This report includes information from available reports, documents, studies, and the results of parking surveys conducted at multifamily developments as part of this study. Empirical data informed the parking demand rate information for market rate, affordable, and senior housing projects, as well as the change in parking demand when located near a robust transit system.

To begin, Fehr & Peers reviewed several reports and studies that included parking demand rates for multifamily market rate, affordable, and senior residential developments in the Bay Area. Fehr & Peers also conducted new parking surveys at nine multifamily complexes in the City of Palo Alto. Available information about each site, such as the number of units, walking distance (½ mile) to the nearest rail station, type of rail service, peak parking demand, parking supply and demand rates were documented. Parking occupancy surveys were conducted to count the numbers of parked vehicles by space type on a weekday (Tuesday, Wednesday, or Thursday) at three time periods (midday, evening, and late night – after midnight) and on a weekend day at two time periods (midday and late night).

Relevant conclusions for Pacific Coast Commons from the data collection effort, which includes all prior studies and the Palo Alto surveys are:

- For Market Rate units, the average surveyed parking demand rate is approximately 0.75 spaces per bedroom
    - Proximity to transit can reduce the rate by approximately 25 percent

El Segundo Municipal Code Parking Requirements

The El Segundo Municipal Code provides the number of required on-site parking spaces for the different land uses allowed within the city. Section 15-15-6 presents the following requirements for multifamily developments:

- Two spaces per dwelling unit
- One guest space for every 3 units (3-5 units = 1 visitor space, 6-8 units, 2 visitor spaces, etc.)

Table 2 summarizes the relevant parking data previously presented and applies it to the Pacific Coast Commons project. The table shows the projected demand based on the different parking rates.

Table 2: Summary of Parking Demand Rates

	Parking Spaces Per DU	Parking Spaces Per Bedroom	Pacific Coast Commons Parking Demand
ITE Parking Generation Manual	1.7	1.0	437 spaces (based on # of DUs); 304 spaces (based on # of bedrooms)
Palo Alto Multifamily Parking Demand Rate Study	N/A	0.75	228 spaces (based on # of bedrooms)
El Segundo Municipal Code Parking Requirements	2 per resident DU plus 1 guest space per 3 DUs	N/A	601 spaces (based on # of DUs)

Pacific Coast Commons Residential Parking Demand Rate

Based on the residential parking demand studies reviewed above, the following parking demand rates based on using a combination of ITE *Parking Generation* rates and El Segundo Municipal Parking requirements were used for the shared parking analysis:

- One resident space per bedroom
- One guest space for every 3 units (3-5 units = 1 visitor space, 6-8 units, 2 visitor spaces, etc.)

As shown in **Table 2**, this demand rate for the Pacific Coast Commons is conservative when compared to other similar projects (market rate, outside the ½ mile rail, etc.). Assuming that the demand is equal to the El Segundo Municipal Code requirements or the ITE rates based on dwelling units would likely result in an oversupply of parking and underutilization of spaces.

Table 3 shows the total parking demand based on the above demand rate.

Table 3: Pacific Coast Commons Residential Parking Demand

Land Use	Proposed Parking Rate	Size	Proposed Vehicle Spaces
Residential			
Studio	1 space/ bedroom	91 bedrooms	91
1 Bedroom	1 space/ bedroom	119 bedrooms	119
2 Bedroom	1 space/ bedroom	94 bedrooms	94
Guest	1 space/ 3 units [a]	263 units	87
		Total	**391**

Parking demand for residents is projected to be 304 spaces. Demand for residential guests is estimated to be 87 spaces, for a total demand of 391 parking spaces.

Pacific Coast Commons Residential Parking Supply

However, the Pacific Coast Commons project is proposing to provide parking using a modified residential parking requirement, based on unit type/number of bedrooms, which is more conservative than the demand rate. The follow parking supply is proposed:

- One space per studio unit
- 1.5 spaces per one-bedroom unit
- Two spaces per two-bedroom unit
- One guest space for every 3 units (3-5 units = 1 visitor space, 6-8 units, 2 visitor spaces, etc.)

Table 4 shows the proposed parking supply based on the above modified residential parking requirements.

Table 4: Pacific Coast Commons Proposed Residential Parking Supply

Land Use	Proposed Parking Rate	Size	Proposed Vehicle Spaces
Residential			
Studio	1 space/ unit	91 units	91
1 Bedroom	1.5 space/ unit	119 units	179
2 Bedroom	2 space/ unit	47 units	94
Guest	1 space/ 3 units	263 units	87
		Total	**451**

Based on the proposed parking supply rates, 364 total spaces would be supplied for residential tenant use. The estimated demand for the residents is 304 spaces, which projects an oversupply of 60 spaces. Guest parking would be provided in the shared pool of parking.

HOTEL PARKING DEMAND RATE

Although hotel rates are available from ITE, these rates are highly variable. Since the hotels for this project are currently in operation, Fehr & Peers conducted an empirical analysis of the existing parking demands at the Fairfield and Aloft Hotels, in place of using the ITE rates.

Existing Parking Supply

A series of parking lots currently serve the Fairfield Hotel and the Aloft Hotel. The "North" parking lot, located north of Mariposa Avenue, provides 232 parking spaces. This parking lot is currently gate controlled. The on-site parking lot at the Fairfield Hotel provides 33 parking spaces. The Aloft Hotel parking lot, located north of Holly Avenue, provides 165 parking spaces. The Conditional Use Permit for the hotels allows the Fairfield and Aloft Hotels to share the parking in the North parking lot north of Mariposa Avenue; therefore, the series of parking lots is viewed in this analysis as a system containing a total of 430 parking spaces. All parking lots are utilized by hotel guests and employees.

Existing Parking Occupancy

Parking utilization counts were conducted at the parking lots serving the Fairfield Hotel and the Aloft Hotel on Thursday, May 2nd and Sunday, May 5th, 2019, at 2:00 AM. These days and times were selected as they represent the busiest weekday night and weekend night on average for both hotels.

Table 5 shows the occupied spaces at each parking lot on both nights. On Wednesday night/early Thursday morning, the North parking lot was 53% occupied, the Fairfield on-site parking lot was 58% occupied, and the Aloft parking lot was 61% occupied. In total, the three lots combined were 56% occupied. On Saturday night/early Sunday morning, the North parking lot was 69% occupied, the Fairfield on-site parking lot was 45% occupied, and the Aloft parking lot was 56% occupied. In total, the three lots combined were 62% occupied. Count sheets can be found in **Appendix A**.

Table 5: Hotel Parking Utilization

Thursday, May 2, 2019 - 2:00 AM					
Lot	**Regular**	**Handicap**	**Total Spaces Occupied**	**Total Spaces**	**% Occupied**
North	123	0	123	232	53%
Fairfield	17	2	19	33	58%
Aloft	98	2	100	165	61%
Sunday, May 5, 2019 - 2:00 AM					
Lot	**Regular**	**Handicap**	**Total Spaces Occupied**	**Total Spaces**	**% Occupied**
North	158	1	159	232	69%
Fairfield	13	2	15	33	45%
Aloft	91	2	93	165	56%

Hotel Room Occupancy

Because of the hotels' close proximity to the Los Angeles International Airport (LAX), a portion of rooms are occupied by flight crews on any given night. On the Wednesday night, the Fairfield Hotel was 94% occupied (330 out of 350 rooms) and the Aloft Hotel was 98% occupied (242 out of 246 rooms). Of the total occupied rooms at the Fairfield and Aloft Hotels, 47% and 19% were occupied by flight crews, respectively. On the Saturday night, the Fairfield Hotel was 76% occupied (265 out of 350 rooms) and the Aloft Hotel was 75% occupied (184 out of 246 rooms). Of the total occupied rooms at the Fairfield and Aloft Hotels, 54% and 22% were occupied by flight crews, respectively. **Table 6** shows the number of total occupied rooms.

Table 6: Hotel Room Occupancy

Thursday, May 2, 2019 - 2:00 AM			
Hotel	**Total Rooms Available**	**Total Rooms Occupied**	**Total % Occupied**
Fairfield	350	330	94%
Aloft	246	242	98%
Sunday, May 5, 2019 - 2:00 AM			
Hotel	**Total Rooms Available**	**Total Rooms Occupied**	**Total % Occupied**
Fairfield	350	265	76%
Aloft	246	184	75%

Hotel Parking Demand Rates

Table 7 shows the empirical hotel parking demand rates. The parking demand rates were calculated using the total number of parking spaces occupied and total rooms occupied. Due to the Conditional Use Permit for the hotel allowing the Fairfield and Aloft Hotels to share parking in the parking lot north of Mariposa Avenue, a combined demand rate was developed across both properties. On Wednesday night, the combined demand rate was 0.42 per occupied room. On Saturday night, the combined demand rate was 0.59 per occupied room.

Table 7: Hotel Parking Demand Rate

Thursday, May 2, 2019 - 2:00 AM			
Hotel	**Total Spaces Occupied**	**Total Rooms Occupied**	**Occupied Spaces per Occupied Room**
Fairfield & Aloft Combined	242	572	0.42
Sunday, May 5, 2019 - 2:00 AM			
Hotel	**Total Spaces Occupied**	**Total Rooms Occupied**	**Occupied Spaces per Occupied Room**
Fairfield & Aloft Combined	267	449	0.59

Both hotels have a higher demand rate on the weekend than weekday, even though more rooms are occupied during the weekday. This is likely due to more families/tourists staying at the hotel during the weekends and having personal/rental cars with them. During the week, the hotel guests are more likely to be there for business and utilize ride sharing vehicles for their stay. Similarly, the flight crews which stay at the hotel often during the week do not need parking spaces.

Parking Demand at Full Hotel Occupancy

The number of spaces occupied assuming full hotel occupancy was calculated using the higher observed demand rate for the entire site, which occurred on the weekend. At the Fairfield Hotel, 207 spaces are projected to be demanded when the hotel is at full occupancy. At the Aloft Hotel, 145 spaces are projected to be demanded when the hotel is at full occupancy. This is shown in **Table 8**. The overall demand for parking is 352 spaces when both the Fairfield and Aloft are at full room capacity.

Table 8: Peak Hotel Parking Demand at Full Occupancy

Hotel	Peak Demand Rate	Hotel Rooms	Peak Parking Demand at Full Occupancy
Fairfield	0.59	350	207
Aloft	0.59	246	145
Total	0.59	596	352

SHARED PARKING ANALYSIS PARAMETERS

In order to evaluate the number of spaces needed under shared parking conditions, a number of characteristics regarding a particular development must be known. The most important of these characteristics are the mix of land uses within the project and the size of each individual land use. The other parking-related factors that must be estimated in order to determine peak parking demand by-hour are described below.

PARKING RATIO

As described earlier in the report, parking ratios for the existing hotels were developed based on the counts conducted in May 2019. For the residential land use, a combination of ITE *Parking Generation* rates and El Segundo Municipal Parking requirements were used based on the literature review discussed previously. For the commercial land uses, El Segundo Municipal Parking requirements were used.

Table 9 shows a summary of base parking rates used in the parking demand model for each of the components. The table also notes the source for each parking ratio.

Table 9: Pacific Coast Common Parking Rates

Land Use Component	Parking Rate
Aloft Hotel [1]	0.59 spaces per occupied room
Fairfield Hotel [1]	0.59 spaces per occupied room
Multifamily Residential [2]	1 space per bedroom
Residential Guest Parking [3]	1 space for every third unit
Fast Casual Restaurant [3]	1 space for each 75 ft of dining area; 1 space for each 250 ft of nondining area
Retail [3]	1 space for each 300 ft

[1] Empirical data collected onsite at the hotels on a weekday (May 2, 2019) and weekend (May 5, 2019). Parking ratio was determined by dividing the number of occupied spaces being used overnight by the number of occupied hotel rooms. A combined demand rate was developed as the Fairfield and Aloft hotels share overflow parking at the parking lot north of Mariposa Avenue.
[2] Rate was taken from *ITE Parking Generation, 5th Edition* for mid-rise multifamily apartments in general urban/suburban settings and that are not within ½ mile of rail transit.
[3] Rates from parking requirements in Section 15-15-6 of El Segundo Municipal Code.

RESIDENTIAL PARKING

Based on the projected residential demand and the modified residential parking supply, Pacific Coast Commons is projected to have an oversupply of 60 residential parking spaces. Per the *Pacific Coast Commons Specific Plan*, up to five percent of the total non-guest multi-family residential parking is permitted to be shared with commercial uses.[4] Therefore, five non-guest multi-family residential parking spaces from the North Site and five non-guest multi-family residential spaces from the South Site will be included for use in the shared parking supply.

GUEST PARKING

In accordance with City of El Segundo Municipal Code requirements, guest parking was presumed to be provided in addition to the parking for the residential units. One guest parking space is required to be supplied for every three multifamily units.

MODE SPILT/INTERNAL CAPTURE

To be conservative for the shared parking analysis, no adjustments were made for mode spilt or internal capture.

AUTO OCCUPANCY

This shared parking analysis used the national averages for auto occupancy for all land uses. No changes were made to the ULI average auto occupancy rates.

TIME-OF-DAY PATTERNS

Time-of-day occupancy assumptions were adjusted for the Aloft and Fairfield hotels to estimate the guest and employee split during late (after 9pm) evening hours. Late evening hours are when hotel guests are anticipated to be settled into their rooms, but hotel staff is slowly decreasing into the morning hours. For other uses, ULI-recommended time-of-day factors were used.

SEASONAL VARIATIONS

The parking demand model takes into consideration the variation in activity for each of the land uses from month-to-month. ULI-recommended seasonal factors, which incorporate variations in travel during seasonal periods such as holiday shopping in the winter, were used.

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[4] *Pacific Coast Commons Specific Plan.* City of El Segundo (2021).

PARKING DEMAND PROJECTIONS

Because each of the three garages will be utilized as "overflow" parking if needed, the project was analyzed as one combined site. While each individual site's peak parking demand occurs at different hours, it was determined that the peak parking demand for the three sites combined would occur at 10:00 PM on a weekday (in June). Shared parking analysis worksheets for each site can be found in the **Appendix B**. **Table 10** summarizes the proposed parking supply by site and total. **Table 11** summarizes the estimated peak demand.

Table 10: Pacific Coast Common Parking Supply

Site	Parking Supply	Residential Reserved	Shared Spaces
North	241	189	52
Fairfield	215	0	215
South	336	165	171
Total	**792**	**354**	**438**

Table 11: Pacific Coast Common Parking Peak Demand, Weekday, June at 10 PM

Area	Residential Demand	Shared Use Demand				Total Shared Demand	Shared Surplus/ Deficit
		Residential Guest	Hotel	Retail	Restaurant		
North	160	48	0	1	0	49	**3**
Fairfield	0	0	188	3	0	191	**24**
South	144	40	133	1	18	192	**-21**
Total	**304**	**88**	**321**	**5**	**18**	**432**	**6**

PCC NORTH SITE

As shown in **Table 10**, the project proposes 241 parking spaces for the North Site, with 189 parking spaces reserved for exclusively for residential tenant use. The remaining 52 spaces would be shared between the residential guest parking, commercial uses, and for overflow if needed from the other sites.

As summarized in **Table 11**, the North site is projected to have a peak residential parking demand of 160 parking spaces and a peak shared parking demand of 49 spaces. As such, the North site is projected to have a surplus of three shared parking spaces during the peak demand period.

PCC FAIRFIELD SITE

The Fairfield site's peak parking shared demand is estimated to be 191 spaces. As shown in **Table 11**, the project proposes 215 parking spaces, indicating sufficient supply for the anticipated demand with a surplus of 24 spaces during the peak demand period.

PCC SOUTH SITE

As shown in **Table 10**, the project proposes 336 parking spaces for the South Site, with 165 parking spaces reserved for exclusively for residential tenant use. The remaining 171 spaces would be shared between the residential guest parking, commercial uses, and for overflow if needed from the other sites. As summarized in **Table 11**, The South site is estimated to have a peak residential parking demand of 144 parking spaces and a peak shared parking demand of 192 spaces. As such, the South site would have a deficit of 21 shared parking spaces during the peak demand period. The excess demand can be accommodated by the surplus of spaces at the North and Fairfield sites, which have a combined surplus of 27 spaces.

CONCLUSION

The shared parking analysis demonstrates that sufficient parking would be provided to meet the demand of the various uses on-site.

It is anticipated that retail/restaurant patrons will be provided with free validated parking in the structures, hotel guests will continue to be charged for parking, and residents will not be charged a separate parking fee from their base rental rate. A before and after study could be conducted on the adjacent residential streets to understand if the project has an effect on street parking. Based on the results of the study and if desired by the City and the residents in the adjacent neighborhoods, a residential parking district could be implemented to deter non-residential users from parking on the street.

PROJECT CONSTRUCTION PARKING DEMAND ANALYSIS

A parking analysis was also conducted for the Pacific Coast Commons construction period to understand the parking needs of construction employees and uses on-site. Phase 1 will construct the replacement parking for the Fairfield Inn & Suites site adjacent to the existing hotel. Phase 2 will consist of the construction of the South site. Phase 3 will consist of the buildout of the North site.

Construction will be phased based on two potential timelines. The first scenario analyzed is based on a sequential timeline with three separate phases. The second scenario analyzes a construction timeline in which Phase 2 and 3 will be constructed concurrently.

The shared parking analysis in **Appendix B** was used to determine the peak parking demand for each phase during construction hours. El Segundo Municipal Code (ESMC) limits construction activities to the hours from 7:00 AM to 6:00 PM Monday through Saturday, with no construction permitted on Sundays or holidays.

SEQUENTIAL CONSTRUCTION TIMELINE

Under a sequential timeline, Phase 1 of development will construct the replacement parking and new retail for the Fairfield Inn & Suites site adjacent to the existing hotel. During Phase 1, the Aloft and Fairfield Hotels will continue to be in operation. The second phase would consist of the construction of the South site, which consists of residential, retail, and parking. During Phase 2, both hotels will continue to operate, and new retail built in Phase 1 will be occupied. The third phase of development would consist of the buildout of the North site. During Phase 3, the retail and residential built on the South site in Phase 2 is assumed to be fully occupied.

During Phase 1 of construction, Fairfield and Aloft hotel guests would continue to park at the existing surface lots at their respective sites. The existing Fairfield surface lot has 232 parking spaces and the existing Aloft surface lot has 165 parking spaces, for a total of 397 parking spaces. Peak parking demand is estimate to occur on a weekday in June at 8:00 AM during Phase 1[5]. A peak demand of 171 parking spaces for the Fairfield Hotel and 119 parking spaces for the Aloft hotel will need to be accommodated, along with a peak demand of 60 construction employee parking spaces. As shown in **Table 12**, the total anticipated demand of 350 spaces can be accommodated by the existing 397 parking spaces, with a surplus of 47 spaces.

[5] For the purpose of this analysis, the month of June was used to determine peak parking demand for all phases of construction as it is the peak demand month and provides the most conservative results.

Table 12: Sequential Construction Phase 1 Parking Demand

Site	Retail	Hotel	Construction	Total Demand	Total Supply
North	-	-	-	-	232
Fairfield	-	171	60	231	-
South/Aloft	-	119	-	119	165
Total Overall	0	290	60	**350**	**397**

Once Phase 1 is completed, parking for the Fairfield site can be moved into the newly constructed garage, which will have 215 spaces. During Phase 2 of construction, Aloft parking can be accommodated via the existing surface lot of 232 spaces at the North site. Peak parking demand is estimated to occur on a weekday in June at 8:00 AM during Phase 2. A peak demand of 173 parking spaces for the Fairfield Hotel and newly constructed retail and 119 parking spaces for the Aloft hotel will need to be accommodated, along with a peak demand of 75 construction employee parking spaces. As shown in **Table 13**, the total demand of 367 spaces can be accommodated by the 447 parking spaces supplied, with a surplus of 80 spaces.

Table 13: Sequential Construction Phase 2 Parking Demand

Site	Retail	Hotel	Construction	Total Demand	Total Supply
North	-	-	-	-	232
Fairfield	2	171	-	173	215
South/Aloft	-	119	75	194	-
Total Overall	2	290	75	**367**	**447**

Once Phase 2 is completed, newly constructed uses will be able to park at the new South site garage of 336 spaces, in addition to the 215 spaces provided at the Fairfield garage constructed during Phase 1. Peak parking demand is estimated to occur on a weekday in June at 5:00 PM during Phase 3. A peak demand of 169 parking spaces for the Fairfield Hotel and newly constructed retail and 280 parking spaces for the uses on the South site will need to be accommodated, along with peak demand of 75 construction employee parking spaces. As shown in **Table 14**, the total demand of 524 spaces can be accommodated by the 551 parking spaces supplied, with a surplus of 27 spaces.

Table 14: Sequential Construction Phase 3 Parking Demand

Site	Residential	Retail	Hotel	Construction	Total Demand	Total Supply
North	-	-	-	75	75	-
Fairfield	-	8	161	-	169	215
South/Aloft	138	29	113	-	280	336
Total Overall	138	37	274	75	**524**	**551**

CONCURRENT CONSTRUCTION TIMELINE

Under a concurrent timeline, Phase 1 of development will construct the replacement parking and new retail for the Fairfield Inn & Suites site adjacent to the existing hotel. During Phase 1, the Aloft and Fairfield Hotels will continue to be in operation. Phase 2 and 3 would occur concurrently and would consist of the construction of the South site and the North site. During the construction of these two sites, both hotels will continue to operate, and new retail built in Phase 1 will be occupied.

During Phase 1 of construction, Fairfield and Aloft hotel guests would continue to park at the existing surface lots at their respective sites. The existing Fairfield surface lot has 232 parking spaces and the existing Aloft surface lot has 165 parking spaces, for a total of 397 parking spaces. Peak parking demand is estimated to occur on a weekday in June at 8:00 AM during Phase 1. A peak demand of 171 parking spaces for the Fairfield Hotel and 119 parking spaces for the Aloft hotel will need to be accommodated, along with a peak demand of 60 construction employee parking spaces. As shown in **Table 15**, the total demand of 350 spaces can be accommodated by the existing 397 parking spaces, with a surplus of 47 spaces.

Table 15: Concurrent Construction Phase 1 Parking Demand

Site	Retail	Hotel	Construction	Total Demand	Total Supply
North	-	-	-	-	232
Fairfield	-	171	60	231	-
South/Aloft	-	119	-	119	165
Total Overall	0	290	60	**350**	**397**

Once Phase 1 is completed, the Fairfield site will have 215 parking spaces. Because construction of Phase 2 and 3 occur concurrently under this scenario, the newly constructed garage for the Fairfield Hotel under Phase 1 will be the only parking available. Peak parking demand is estimated to occur on a weekday in June at 8:00 AM during the concurrent construction of Phase 2 and 3. A peak demand of 171 parking spaces for the Fairfield Hotel and newly constructed retail and 119 parking spaces for the Aloft hotel will need to be accommodated, along with a peak demand of 150 construction employee parking spaces. As shown in **Table 16**, the total demand of 442 spaces cannot be accommodated by the 215 parking spaces supplied, with a deficit of 227 spaces.

In order to accommodate the excess demand in parking during the concurrent construction of Phase 2 and 3, sufficient off-site parking with transport to and from the project site would need to be provided for hotel guests and employees, and construction employees.

Table 16: Concurrent Construction Phase 2/3 Parking Demand

Site	Retail	Hotel	Construction	Total Demand	Total Supply
North	-	-	75	75	-
Fairfield	2	171	-	173	215
South/Aloft	-	119	75	194	-
Total Overall	2	290	150	**442**	**215**

APPENDIX A:

COUNT SHEETS

Prepared by National Data & Surveying Services

Parking Study

Location: 475 North/525 North Pacific Coast Highway **Date:** 5/2/2019

City: El Segundo, LA **Day:** Thursday

Lot	Restriction	2:00 AM
North	Regular	123
North	Handicap	0
Fairfield	Regular	17
Fairfield	Handicap	2
Aloft	Regular	98
Aloft	Handicap	2

Prepared by National Data & Surveying Services

Parking Study

Location: 475 North/525 North Pacific Coast Highway
City: El Segundo, LA

Date: 5/5/2019
Day: Sunday

Lot	Restriction	2:00 AM
North	Regular	158
North	Handicap	1
Fairfield	Regular	13
Fairfield	Handicap	2
Aloft	Regular	91
Aloft	Handicap	2

APPENDIX B:

SHARED PARKING ANALYSIS WORKSHEETS

Project Sitewide Peak Hour Parking Demand Determination
Appendix B

Weekday Estimated Peak-Hour Parking Demand

Site	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	12 AM
North	189	194	200	201	203	203	204	204	204	204	204	213	223	242	241	240	**238**	227	213
Fairfield	149	154	173	159	150	152	146	146	153	152	160	169	177	177	182	177	**191**	195	181
South	280	294	313	308	305	307	304	301	298	295	300	323	337	353	358	350	**357**	350	320
Total	618	642	686	668	658	662	654	651	655	651	664	705	737	772	781	767	**786**	772	714

Weekend Estimated Peak-Hour Parking Demand

Site	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	12 AM
North	189	199	199	201	202	203	203	204	204	204	204	213	222	241	241	240	238	228	213
Fairfield	149	155	173	159	149	151	145	145	153	153	161	168	175	175	181	177	191	195	181
South	276	292	309	307	306	306	304	300	301	294	300	319	335	351	353	343	350	343	316
Total	614	646	681	667	657	660	652	649	658	651	665	700	732	767	775	760	779	766	710

June

North Site - Weekday Estimated Peak-Hour Parking Demand

		6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	12 AM
Community Shopping Center (<400 ksf)	67%	-	-	1	1	3	3	4	4	4	4	4	4	4	4	3	2	1	-	-
Employee	80%	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-
Residential Demand	100%	160	144	136	128	120	112	104	112	112	112	120	136	144	155	157	158	160	160	160
Reserved	100%	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189
Guest	100%	-	5	10	10	10	10	10	10	10	10	10	19	29	48	48	48	48	38	24
TOTAL DEMAND	Customer	-	-	1	1	3	3	4	4	4	4	4	4	4	4	3	2	1	-	-
	Employee	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-
	Reserved	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189
	Guest	-	5	10	10	10	10	10	10	10	10	10	19	29	48	48	48	48	38	24
		189	194	200	201	203	203	204	204	204	204	204	213	223	242	241	240	238	227	213

June

North Site - Weekend Estimated Peak-Hour Parking Demand

		6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	12 AM
Community Shopping Center (<400 ksf)	67%	-	-	-	1	2	3	3	4	4	4	4	4	3	3	3	2	1	1	-
Employee	80%	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-
Residential Demand	100%	160	144	136	128	120	112	104	112	112	112	120	136	144	155	157	158	160	160	160
Reserved	100%	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189
Guest	100%	-	10	10	10	10	10	10	10	10	10	10	19	29	48	48	48	48	38	24
TOTAL DEMAND	Customer	-	-	-	1	2	3	3	4	4	4	4	4	3	3	3	2	1	1	-
	Employee	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-
	Reserved	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189	189
	Guest	-	10	10	10	10	10	10	10	10	10	10	19	29	48	48	48	48	38	24
		189	199	199	201	202	203	203	204	204	204	204	213	222	241	241	240	238	228	213

June

Fairfield Site - Weekday Estimated Peak-Hour Parking Demand

		6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	12 AM
Community Shopping Center (<400 ksf)	67%	-	-	1	2	4	5	6	6	6	5	5	6	6	6	5	3	2	1	-
Employee	80%	-	-	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	-	-
Hotel-Business	100%	146	138	123	108	92	92	85	85	92	92	100	108	116	116	123	131	146	154	154
Employee	100%	3	16	48	48	53	53	53	53	53	53	53	53	53	53	53	42	42	40	27
TOTAL DEMAND	Customer	146	138	124	110	96	97	91	91	98	97	105	114	122	122	128	134	148	155	154
	Employee	3	16	49	49	54	55	55	55	55	55	55	55	55	55	54	43	43	40	27
	Reserved	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		149	154	173	159	150	152	146	146	153	152	160	169	177	177	182	177	191	195	181

ULI Base Data Has Been Modified.

June

Fairfield Site - Weekend Estimated Peak-Hour Parking Demand

		6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	12 AM
Community Shopping Center (<400 ksf)	67%	-	-	1	2	3	4	5	5	6	6	6	5	5	5	4	3	2	1	-
Employee	80%	-	-	1	1	1	2	2	2	2	2	2	2	1	1	1	1	1	-	-
Hotel-Business	100%	146	139	123	108	92	92	85	85	92	92	100	108	116	116	123	131	146	154	154
Employee	100%	3	16	48	48	53	53	53	53	53	53	53	53	53	53	53	42	42	40	27
TOTAL DEMAND	Customer	146	139	124	110	95	96	90	90	98	98	106	113	121	121	127	134	148	155	154
	Employee	3	16	49	49	54	55	55	55	55	55	55	55	54	54	54	43	43	40	27
	Reserved	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		149	155	173	159	149	151	145	145	153	153	161	168	175	175	181	177	191	195	181

ULI Base Data Has Been Modified.

June

South Site - Weekday Estimated Peak-Hour Parking Demand

		6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	12 AM
Community Shopping Center (<400 ksf)	67%	-	-	1	1	2	3	3	3	3	3	3	3	3	3	3	2	1	-	-
Employee	80%	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-
Family Restaurant	95%	6	12	14	18	20	21	24	21	12	11	11	18	19	19	19	14	13	12	6
Employee	100%	4	5	6	6	7	7	7	7	7	5	5	7	7	7	7	6	5	5	2
Hotel-Business	100%	103	97	86	76	65	65	59	59	65	65	70	76	81	81	86	92	103	108	108
Employee	100%	2	11	33	33	37	37	37	37	37	37	37	37	37	37	37	30	30	28	19
Residential Reserved	100%	144	130	122	115	108	101	94	101	101	101	108	122	130	140	141	143	144	144	144
Reserved	100%	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165
Guest	100%	-	4	8	8	8	8	8	8	8	8	8	16	24	40	40	40	40	32	20
TOTAL DEMAND	Customer	109	109	101	95	87	89	86	83	80	79	84	97	103	103	108	108	117	120	114
	Employee	6	16	39	40	45	45	45	45	45	43	43	45	45	45	45	37	35	33	21
	Reserved	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165
	Guest	-	4	8	8	8	8	8	8	8	8	8	16	24	40	40	40	40	32	20
		280	294	313	308	305	307	304	301	298	295	300	323	337	353	358	350	357	350	320

ULI Base Data Has Been Modified.

June

South Site - Weekend Estimated Peak-Hour Parking Demand

		6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	12 AM
Community Shopping Center (<400 ksf)	67%	-	-	-	1	2	2	3	3	3	3	3	3	3	3	2	2	1	1	-
Employee	80%	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-
Family Restaurant	95%	2	6	11	17	21	21	24	20	15	10	11	14	17	17	15	7	6	4	2
Employee	100%	4	5	6	6	7	7	7	7	7	5	5	7	7	7	7	6	5	5	2
Hotel-Business	100%	103	97	86	76	65	65	59	59	65	65	70	76	81	81	86	92	103	108	108
Employee	100%	2	11	33	33	37	37	37	37	37	37	37	37	37	37	37	30	30	28	19
Residential Reserved	100%	144	130	122	115	108	101	94	101	101	101	108	122	130	140	141	143	144	144	144
Reserved	100%	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165
Guest	100%	-	8	8	8	8	8	8	8	8	8	8	16	24	40	40	40	40	32	20
TOTAL DEMAND	Customer	105	103	97	94	88	88	86	82	83	78	84	93	101	101	103	101	110	113	110
	Employee	6	16	39	40	45	45	45	45	45	43	43	45	45	45	45	37	35	33	21
	Reserved	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165
	Guest	-	8	8	8	8	8	8	8	8	8	8	16	24	40	40	40	40	32	20
		276	292	309	307	306	306	304	300	301	294	300	319	335	351	353	343	350	343	316

ULI Base Data Has Been Modified.

PACIFIC COAST COMMONS SHARED PARKING DEMAND SUMMARY (NORTH SITE)

PEAK MONTH: JUNE -- PEAK PERIOD: 10 PM, WEEKDAY

Projected Parking Supply:	241 Stalls		Weekday					Weekday		
Land Use	Project Data Quantity	Unit	Base Rate	Mode Adj	Non-Captive Ratio	Project Rate	Unit	Peak Hr Adj 10 PM	Peak Mo Adj June	Estimated Parking Demand
Community Shopping Center (<400 ksf)	2,223	sf GLA	2.67	1.00	1.00	2.67	/ksf GLA	0.30	0.67	1
Employee			0.66	1.00	1.00	0.66	/ksf GLA	0.40	0.80	0
Residential Demand	137	units	1.17	1.00	1.00	1.17	/unit	1.00	1.00	160
Reserved	1.38	sp/unit	1.38	1.00	1.00	1.38	/unit	1.00	1.00	189
Guest	143	units	0.33	1.00	1.00	0.33	/unit	1.00	1.00	48

ULI base data have been modified from default values.

Customer	1
Employee	0
Residential Reserved	189
Residential Guest	48
Total	238

PACIFIC COAST COMMONS SHARED PARKING DEMAND SUMMARY (FAIRFIELD SITE)

PEAK MONTH: JUNE -- PEAK PERIOD: 10 PM, WEEKDAY

Projected Parking Supply: 215 Stalls			Weekday					Weekday		
	Project Data		Base	Mode	Non-Captive	Project		Peak Hr Adj	Peak Mo Adj	Estimated Parking
Land Use	Quantity	Unit	Rate	Adj	Ratio	Rate	Unit	10 PM	June	Demand
Community Shopping Center (<400 ksf)	3,273	sf GLA	2.67	1.00	1.00	2.67	/ksf GLA	0.30	0.67	2
Employee			0.66	1.00	1.00	0.66	/ksf GLA	0.40	0.80	1
Hotel-Business	350	rooms	0.44	1.00	1.00	0.44	/rooms	0.95	1.00	146
Employee			0.15	1.00	1.00	0.15	/rooms	0.80	1.00	42

ULI base data have been modified from default values.

Customer	148
Employee	43
Total	191

PACIFIC COAST COMMONS SHARED PARKING DEMAND SUMMARY (SOUTH SITE)

PEAK MONTH: JUNE -- PEAK PERIOD: 10 PM, WEEKDAY

Projected Parking Supply: 336 Stalls			Weekday					Weekday		
Land Use	Project Data Quantity	Unit	Base Rate	Mode Adj	Non-Captive Ratio	Project Rate	Unit	Peak Hr Adj 10 PM	Peak Mo Adj June	Estimated Parking Demand
Community Shopping Center (<400 ksf)	2,056	sf GLA	2.67	1.00	1.00	2.67	/ksf GLA	0.30	0.67	1
Employee			0.66	1.00	1.00	0.66	/ksf GLA	0.40	0.80	0
Family Restaurant	3,700	sf GLA	6.67	1.00	1.00	6.67	/ksf GLA	0.55	0.95	13
Employee			2.00	1.00	1.00	2.00	/ksf GLA	0.65	1.00	5
Hotel-Business	246	rooms	0.44	1.00	1.00	0.44	/rooms	0.95	1.00	103
Employee			0.15	1.00	1.00	0.15	/rooms	0.80	1.00	30
Residential Demand	120	units	1.20	1.00	1.00	1.20	/unit	1.00	1.00	144
Reserved	1.38	sp/unit	1.38	1.00	1.00	1.38	/unit	1.00	1.00	165
Guest	120	units	0.33	1.00	1.00	0.33	/unit	1.00	1.00	40

ULI base data have been modified from default values.

Customer	117
Employee	35
Residential Reserved	165
Residential Guest	40
Total	357

Pacific Coast Commons Specific Plan EIR Project
Special-Status Plant Species Potential to Occur within the Project Site

Scientific Name	Common Name	Status[1] (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur[2]
Abronia maritima	red sand-verbena	None/None/4.2	Coastal dunes/perennial herb/Feb–Nov/0–330	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Aphanisma blitoides	aphanisma	None/None/1B.2	Coastal bluff scrub, Coastal dunes, Coastal scrub; sandy or gravelly/annual herb/Feb–June/0–1000	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Arenaria paludicola	marsh sandwort	FE/SE/1B.1	Marshes and swamps (freshwateror brackish); sandy, openings/perennial stoloniferous herb/May–Aug/5–560	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Astragalus brauntonii	Braunton's milk-vetch	FE/None/1B.1	Chaparral, Coastal scrub, Valley and foothill grassland; recent burns or disturbed areas, usually sandstone with carbonate layers/perennial herb/Jan–Aug/10–2100	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Astragalus pycnostachyus var. *lanosissimus*	Ventura marsh milk-vetch	FE/SE/1B.1	Coastal dunes, Coastal scrub, Marshes and swamps (edges, coastal salt or brackish)/perennial herb/(June)Aug–Oct/0–115	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Astragalus tener var. *titi*	coastal dunes milk-vetch	FE/SE/1B.1	Coastal bluff scrub (sandy), Coastal dunes, Coastal prairie (mesic); often vernally mesic areas/annual herb/Mar–May/0–165	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Atriplex coulteri	Coulter's saltbush	None/None/1B.2	Coastal bluff scrub, Coastal dunes, Coastal scrub, Valley and foothill grassland; alkaline or clay/perennial herb/Mar–Oct/5–1510	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Atriplex pacifica	South Coast saltscale	None/None/1B.2	Coastal bluff scrub, Coastal dunes, Coastal scrub, Playas/annual herb/Mar–Oct/0–460	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Atriplex parishii	Parish's brittlescale	None/None/1B.1	Chenopod scrub, Playas, Vernal pools; alkaline/annual herb/June–Oct/80–6235	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Atriplex serenana var. *davidsonii*	Davidson's saltscale	None/None/1B.2	Coastal bluff scrub, Coastal scrub; alkaline/annual herb/Apr–Oct/30–655	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.

Special-Status Plant Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status[1] (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur[2]
Berberis nevinii	Nevin's barberry	FE/SE/1B.1	Chaparral, Cismontane woodland, Coastal scrub, Riparian scrub; sandy or gravelly/perennial evergreen shrub/(Feb)Mar–June/225–2705	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Calandrinia breweri	Brewer's calandrinia	None/None/4.2	Chaparral, Coastal scrub; sandy or loamy, disturbed sites and burns/annual herb/(Jan)Mar–June/30–4005	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Calochortus catalinae	Catalina mariposa lily	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland/perennial bulbiferous herb/(Feb)Mar–June/45–2295	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Calochortus clavatus var. *gracilis*	slender mariposa lily	None/None/1B.2	Chaparral, Coastal scrub, Valley and foothill grassland/perennial bulbiferous herb/Mar–June(Nov)/1045–3280	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Calochortus plummerae	Plummer's mariposa lily	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Valley and foothill grassland; granitic, rocky/perennial bulbiferous herb/May–July/325–5575	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Calystegia felix	lucky morning-glory	None/None/1B.1	Meadows and seeps (sometimes alkaline), Riparian scrub (alluvial); Historically associated with wetland and marshy places, but possibly in drier situations as well. Possibly silty loam and alkaline/annual rhizomatous herb/Mar–Sep/95–705	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Calystegia peirsonii	Peirson's morning-glory	None/None/4.2	Chaparral, Chenopod scrub, Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Valley and foothill grassland/perennial rhizomatous herb/Apr–June/95–4920	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.

Special-Status Plant Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status[1] (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur[2]
Camissoniopsis lewisii	Lewis' evening-primrose	None/None/3	Coastal bluff scrub, Cismontane woodland, Coastal dunes, Coastal scrub, Valley and foothill grassland; sandy or clay/annual herb/Mar–May(June)/0–985	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Centromadia parryi ssp. *australis*	southern tarplant	None/None/1B.1	Marshes and swamps (margins), Valley and foothill grassland (vernally mesic), Vernal pools/annual herb/May–Nov/0–1575	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Centromadia pungens ssp. *laevis*	smooth tarplant	None/None/1B.1	Chenopod scrub, Meadows and seeps, Playas, Riparian woodland, Valley and foothill grassland; alkaline/annual herb/Apr–Sep/0–2100	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Cercocarpus betuloides var. *blancheae*	island mountain-mahogany	None/None/4.3	Closed-cone coniferous forest, Chaparral/perennial evergreen shrub/Feb–May/95–1970	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Chaenactis glabriuscula var. *orcuttiana*	Orcutt's pincushion	None/None/1B.1	Coastal bluff scrub (sandy), Coastal dunes/annual herb/Jan–Aug/0–330	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Chenopodium littoreum	coastal goosefoot	None/None/1B.2	Coastal dunes/annual herb/Apr–Aug/30–100	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Chloropyron maritimum ssp. *maritimum*	salt marsh bird's-beak	FE/SE/1B.2	Coastal dunes, Marshes and swamps (coastal salt)/annual herb (hemiparasitic)/May–Oct(Nov)/0–100	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Chorizanthe parryi var. *fernandina*	San Fernando Valley spineflower	FC/SE/1B.1	Coastal scrub (sandy), Valley and foothill grassland/annual herb/Apr–July/490–4005	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Cistanthe maritima	seaside cistanthe	None/None/4.2	Coastal bluff scrub, Coastal scrub, Valley and foothill grassland; sandy/annual herb/(Feb)Mar–June(Aug)/15–985	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Convolvulus simulans	small-flowered morning-glory	None/None/4.2	Chaparral (openings), Coastal scrub, Valley and foothill grassland; clay, serpentinite seeps/annual herb/Mar–July/95–2430	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.

Special-Status Plant Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status[1] (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur[2]
Deinandra minthornii	Santa Susana tarplant	None/SR/1B.2	Chaparral, Coastal scrub; rocky/perennial deciduous shrub/July–Nov/915–2495	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Deinandra paniculata	paniculate tarplant	None/None/4.2	Coastal scrub, Valley and foothill grassland, Vernal pools; usually vernally mesic, sometimes sandy/annual herb/(Mar)Apr–Nov(Dec)/80–3085	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Dichondra occidentalis	western dichondra	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland/perennial rhizomatous herb/(Jan)Mar–July/160–1640	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Dithyrea maritima	beach spectaclepod	None/ST/1B.1	Coastal dunes, Coastal scrub (sandy)/perennial rhizomatous herb/Mar–May/5–165	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Dudleya cymosa ssp. *ovatifolia*	Santa Monica dudleya	FT/None/1B.1	Chaparral, Coastal scrub; volcanic or sedimentary, rocky/perennial herb/Mar–June/490–5495	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Dudleya multicaulis	many-stemmed dudleya	None/None/1B.2	Chaparral, Coastal scrub, Valley and foothill grassland; often clay/perennial herb/Apr–July/45–2590	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Dudleya virens ssp. *insularis*	island green dudleya	None/None/1B.2	Coastal bluff scrub, Coastal scrub; rocky/perennial herb/Apr–June/15–985	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Eryngium aristulatum var. *parishii*	San Diego button-celery	FE/SE/1B.1	Coastal scrub, Valley and foothill grassland, Vernal pools; mesic/annual / perennial herb/Apr–June/65–2035	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Erysimum suffrutescens	suffrutescent wallflower	None/None/4.2	Coastal bluff scrub, Chaparral (maritime), Coastal dunes, Coastal scrub/perennial herb/Jan–July(Aug)/0–490	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Helianthus nuttallii ssp. *parishii*	Los Angeles sunflower	None/None/1A	Marshes and swamps (coastal salt and freshwater)/perennial rhizomatous herb/Aug–Oct/30–5005	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.

Special-Status Plant Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status[1] (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur[2]
Hordeum intercedens	vernal barley	None/None/3.2	Coastal dunes, Coastal scrub, Valley and foothill grassland (saline flats and depressions), Vernal pools/annual herb/Mar–June/15–3280	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Horkelia cuneata var. *puberula*	mesa horkelia	None/None/1B.1	Chaparral (maritime), Cismontane woodland, Coastal scrub; sandy or gravelly/perennial herb/Feb–July(Sep)/225–2655	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Isocoma menziesii var. *decumbens*	decumbent goldenbush	None/None/1B.2	Chaparral, Coastal scrub (sandy, often in disturbed areas)/perennial shrub/Apr–Nov/30–445	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Juglans californica	Southern California black walnut	None/None/4.2	Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland; alluvial/perennial deciduous tree/Mar–Aug/160–2955	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Juncus acutus ssp. *leopoldii*	southwestern spiny rush	None/None/4.2	Coastal dunes (mesic), Meadows and seeps (alkaline seeps), Marshes and swamps (coastal salt)/perennial rhizomatous herb/(Mar)May–June/5–2955	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Lasthenia glabrata ssp. *coulteri*	Coulter's goldfields	None/None/1B.1	Marshes and swamps (coastal salt), Playas, Vernal pools/annual herb/Feb–June/0–4005	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Leptosyne maritima	sea dahlia	None/None/2B.2	Coastal bluff scrub, Coastal scrub/perennial herb/Mar–May/15–490	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Lycium brevipes var. *hassei*	Santa Catalina Island desert-thorn	None/None/3.1	Coastal bluff scrub, Coastal scrub/perennial deciduous shrub/June(Aug)/210–985	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Monardella hypoleuca ssp. *hypoleuca*	white-veined monardella	None/None/1B.3	Chaparral, Cismontane woodland/perennial herb/(Apr)May–Aug(Sep–Dec)/160–5005	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.

Special-Status Plant Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status[1] (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur[2]
Nama stenocarpa	mud nama	None/None/2B.2	Marshes and swamps (lake margins, riverbanks)/annual / perennial herb/Jan–July/15–1640	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Nasturtium gambelii	Gambel's water cress	FE/ST/1B.1	Marshes and swamps (freshwater or brackish)/perennial rhizomatous herb/Apr–Oct/15–1085	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Navarretia fossalis	spreading navarretia	FT/None/1B.1	Chenopod scrub, Marshes and swamps (assorted shallow freshwater), Playas, Vernal pools/annual herb/Apr–June/95–2150	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Navarretia prostrata	prostrate vernal pool navarretia	None/None/1B.1	Coastal scrub, Meadows and seeps, Valley and foothill grassland (alkaline), Vernal pools; Mesic/annual herb/Apr–July/5–3970	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Nemacaulis denudata var. *denudata*	coast woolly-heads	None/None/1B.2	Coastal dunes/annual herb/Apr–Sep/0–330	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Orcuttia californica	California Orcutt grass	FE/SE/1B.1	Vernal pools/annual herb/Apr–Aug/45–2165	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Pentachaeta lyonii	Lyon's pentachaeta	FE/SE/1B.1	Chaparral (openings), Coastal scrub, Valley and foothill grassland; rocky, clay/annual herb/(Feb)Mar–Aug/95–2265	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Phacelia hubbyi	Hubby's phacelia	None/None/4.2	Chaparral, Coastal scrub, Valley and foothill grassland; gravelly, rocky, talus/annual herb/Apr–July/0–3280	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Phacelia ramosissima var. *austrolitoralis*	south coast branching phacelia	None/None/3.2	Chaparral, Coastal dunes, Coastal scrub, Marshes and swamps (coastal salt); sandy, sometimes rocky/perennial herb/Mar–Aug/15–985	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Phacelia stellaris	Brand's star phacelia	None/None/1B.1	Coastal dunes, Coastal scrub/annual herb/Mar–June/0–1310	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Potentilla multijuga	Ballona cinquefoil	None/None/1A	Meadows and seeps (brackish)/perennial herb/June–Aug/0–5	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.

Special-Status Plant Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status[1] (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur[2]
Pseudognaphalium leucocephalum	white rabbit-tobacco	None/None/2B.2	Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland; sandy, gravelly/perennial herb/(July)Aug–Nov(Dec)/0–6890	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Quercus dumosa	Nuttall's scrub oak	None/None/1B.1	Closed-cone coniferous forest, Chaparral, Coastal scrub; sandy, clay loam/perennial evergreen shrub/Feb–Apr(May–Aug)/45–1310	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Sidalcea neomexicana	salt spring checkerbloom	None/None/2B.2	Chaparral, Coastal scrub, Lower montane coniferous forest, Mojavean desert scrub, Playas; alkaline, mesic/perennial herb/Mar–June/45–5020	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Spermolepis lateriflora	western bristly scaleseed	None/None/2A	Sonoran desert scrub; Rocky or sandy/annual herb/Mar–Apr/1195–2200	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Suaeda esteroa	estuary seablite	None/None/1B.2	Marshes and swamps (coastal salt)/perennial herb/(May)July–Oct(Jan)/0–15	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Suaeda taxifolia	woolly seablite	None/None/4.2	Coastal bluff scrub, Coastal dunes, Marshes and swamps (margins of coastal salt)/perennial evergreen shrub/Jan–Dec/0–165	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Symphyotrichum defoliatum	San Bernardino aster	None/None/1B.2	Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Meadows and seeps, Marshes and swamps, Valley and foothill grassland (vernally mesic); near ditches, streams, springs/perennial rhizomatous herb/July–Nov(Dec)/5–6695	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.
Symphyotrichum greatae	Greata's aster	None/None/1B.3	Broadleafed upland forest, Chaparral, Cismontane woodland, Lower montane coniferous forest, Riparian woodland; mesic/perennial rhizomatous herb/June–Oct/980–6595	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.

Special-Status Plant Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status[1] (Federal/State/CRPR)	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Potential to Occur[2]
Thelypteris puberula var. *sonorensis*	Sonoran maiden fern	None/None/2B.2	Meadows and seeps (seeps and streams)/perennial rhizomatous herb/Jan–Sep/160–2000	Not expected to occur. The species' habitat associations are not present within or adjacent to the project site.

Notes:

[1] Status abbreviations:

FE: Federally listed as endangered
FT: Federally listed as threatened
FC: Federal Candidate for listing
SE: State listed as endangered
ST: State listed as threatened
CRPR List 1A: Plants Presumed Extirpated in California and Either Rare or Extinct Elsewhere
CRPR List 1B: Plants Rare, Threatened, or Endangered in California and Elsewhere
CRPR List 2A: Plants Presumed Extirpated in California, But More Common Elsewhere
CRPR List 2B: Plants Rare, Threatened, or Endangered in California, But More Common Elsewhere
CRPR List 3: Review List: Plants about which more information is needed
CRPR List 4: Watch List: Plants of limited distribution
.1 Seriously threatened in California (over 80% of occurrences threatened / high degree and immediacy of threat)
.2 Moderately threatened in California (20-80% occurrences threatened / moderate degree and immediacy of threat)
.3 Not very threatened in California (<20% of occurrences threatened / low degree and immediacy of threat or no current threats known)

[2] Refers to records within the U.S. Geologic Survey's *Los Angeles* 7.5-minute quadrangle (quad) and the eight surrounding quads.

References:

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CNPS (California Native Plant Society). 2020. *Inventory of Rare and Endangered Plants*. Online ed. Version 8-03 0.45. Sacramento, California: CNPS. Accessed May 2020.

http://www.rareplants.cnps.org/advanced.html.

Pacific Coast Commons Specific Plan EIR Project
Special-Status Wildlife Species Potential to Occur within the Project Site

Scientific Name	Common Name	Status[1] (Federal/State)	Habitat	Potential to Occur[2]
Invertebrates				
Aglaothorax longipennis	Santa Monica shieldback katydid	None/None	Occurs nocturnally in chaparral and canyon stream-bottom vegetation in the Santa Monica Mountains of Southern California	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Bombus crotchii	Crotch bumble bee	None/PSE	Open grassland and scrub communities supporting suitable floral resources.	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Brennania belkini	Belkin's dune tabanid fly	None/None	Inhabits coastal sand dunes of Southern California	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Carolella busckana	Busck's gallmoth	None/None	Coastal scrub dunes	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Cicindela gabbii	western tidal-flat tiger beetle	None/None	Inhabits estuaries and mudflats along the coast of Southern California	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Cicindela hirticollis gravida	sandy beach tiger beetle	None/None	Inhabits areas adjacent to non-brackish water along the coast of California from San Francisco Bay to northern Mexico	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Cicindela senilis frosti	senile tiger beetle	None/None	Inhabits marine shoreline, from Central California coast south to saltmarshes of San Diego; also found at Lake Elsinore	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Coelus globosus	globose dune beetle	None/None	Inhabitant of coastal sand dune habitat; erratically distributed from Ten Mile Creek in Mendocino County south to Ensenada, Mexico	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Danaus plexippus pop. 1	monarch - California overwintering population	None/None	Winter roost sites extend along the coast from northern Mendocino to Baja California, Mexico. Roosts located in wind-protected tree groves (eucalyptus, Monterey pine, cypress), with nectar and water sources nearby.	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Eucosma hennei	Henne's eucosman moth	None/None	Endemic to El Segundo dunes	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.

Special-Status Wildlife Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status[1] (Federal/State)	Habitat	Potential to Occur[2]
Euphilotes battoides allyni	El Segundo blue butterfly	FE/None	Remnant coastal dune habitat in Los Angeles and Santa Barbara Counties	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Glaucopsyche lygdamus palosverdesensis	Palos Verdes blue butterfly	FE/None	Cool, fog-shrouded, seaward side of Palos Verdes Hills, Los Angeles County	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Onychobaris langei	Lange's El Segundo Dune weevil	None/None	Known from El Segundo Dunes	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Panoquina errans	wandering skipper	None/None	Saltmarsh	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Rhaphiomidas terminatus terminatus	El Segundo flower-loving fly	None/None	Presumed extinct but recently discovered on Malaga Dunes, Los Angeles County	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Socalchemmis gertschi	Gertsch's socalchemmis spider	None/None	Known from only 2 localities in Los Angeles County: Brentwood (type locality) and Topanga Canyon	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Streptocephalus woottoni	Riverside fairy shrimp	FE/None	Vernal pools, non-vegetated ephemeral pools	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Trigonoscuta dorothea dorothea	Dorothy's El Segundo Dune weevil	None/None	Coastal sand dunes in Los Angeles County	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Tryonia imitator	mimic tryonia (=California brackishwater snail)	None/None	Inhabits coastal lagoons, estuaries, and saltmarshes, from Sonoma County south to San Diego County	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Amphibians				
Oncorhynchus mykiss irideus pop. 10	southern steelhead - southern California DPS	FE/None	Clean, clear, cool, well-oxygenated streams; needs relatively deep pools in migration and gravelly substrate to spawn	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.

Special-Status Wildlife Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status[1] (Federal/State)	Habitat	Potential to Occur[2]
Siphateles bicolor mohavensis	Mohave tui chub	FE/FP, SE	Lacustrine ponds or pools; 4 feet min water depth; freshwater flow; mineralized and alkaline environment; habitat for aquatic invertebrate prey and egg attachment substrate; Ruppia maritima preferred for egg attachment and thermal refuge in summer months	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Amphibians				
Spea hammondii	western spadefoot	None/SSC	Primarily grassland and vernal pools, but also in ephemeral wetlands that persist at least 3 weeks in chaparral, coastal scrub, valley–foothill woodlands, pastures, and other agriculture	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Reptiles				
Actinemys marmorata	northwestern pond turtle	None/SSC	Slow-moving permanent or intermittent streams, ponds, small lakes, and reservoirs with emergent basking sites; adjacent uplands used for nesting and during winter	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Anniella stebbinsi	southern California legless lizard	None/SSC	Coastal dunes, stabilized dunes, beaches, dry washes, valley–foothill, chaparral, and scrubs; pine, oak, and riparian woodlands; associated with sparse vegetation and moist sandy or loose, loamy soils	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Aspidoscelis tigris stejnegeri	San Diegan tiger whiptail	None/SSC	Hot and dry areas with sparse foliage, including chaparral, woodland, and riparian areas.	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Diadophis punctatus modestus	San Bernardino ring-necked snake	None/None	Moist habitats including wet meadows, rocky hillsides, gardens, farmland grassland, chaparral, mixed-conifer forest, and woodland	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.

Special-Status Wildlife Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status[1] (Federal/State)	Habitat	Potential to Occur[2]
Phrynosoma blainvillii	Blainville's horned lizard	None/SSC	Open areas of sandy soil in valleys, foothills, and semi-arid mountains including coastal scrub, chaparral, valley–foothill hardwood, conifer, riparian, pine–cypress, juniper, and annual grassland habitats	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Thamnophis hammondii	two-striped gartersnake	None/SSC	Streams, creeks, pools, streams with rocky beds, ponds, lakes, vernal pools	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
			Birds	
Agelaius tricolor (nesting colony)	tricolored blackbird	BCC/SSC, ST	Nests near freshwater, emergent wetland with cattails or tules, but also in Himalayan blackberrry; forages in grasslands, woodland, and agriculture	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Aimophila ruficeps canescens	Southern California rufous-crowned sparrow	None/WL	Nests and forages in open coastal scrub and chaparral with low cover of scattered scrub interspersed with rocky and grassy patches	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Athene cunicularia (burrow sites and some wintering sites)	burrowing owl	BCC/SSC	Nests and forages in grassland, open scrub, and agriculture, particularly with ground squirrel burrows	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Buteo swainsoni (nesting)	Swainson's hawk	BCC/ST	Nests in open woodland and savanna, riparian, and in isolated large trees; forages in nearby grasslands and agricultural areas such as wheat and alfalfa fields and pasture	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Charadrius alexandrinus nivosus (nesting)	western snowy plover	FT, BCC/SSC	On coasts nests on sandy marine and estuarine shores; in the interior nests on sandy, barren or sparsely vegetated flats near saline or alkaline lakes, reservoirs, and ponds	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Coccyzus americanus occidentalis (nesting)	western yellow-billed cuckoo	FT, BCC/SE	Nests in dense, wide riparian woodlands and forest with well-developed understories	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.

Special-Status Wildlife Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status[1] (Federal/State)	Habitat	Potential to Occur[2]
Coturnicops noveboracensis	yellow rail	BCC/SSC	Nesting requires wet marsh/sedge meadows or coastal marshes with wet soil and shallow, standing water	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Empidonax traillii extimus (nesting)	southwestern willow flycatcher	FE/SE	Nests in dense riparian habitats along streams, reservoirs, or wetlands; uses variety of riparian and shrubland habitats during migration	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Laterallus jamaicensis coturniculus	California black rail	BCC/FP, ST	Tidal marshes, shallow freshwater margins, wet meadows, and flooded grassy vegetation; suitable habitats are often supplied by canal leakage in Sierra Nevada foothill populations	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Passerculus sandwichensis beldingi	Belding's savannah sparrow	None/SE	Nests and forages in coastal saltmarsh dominated by pickleweed (Salicornia spp.)	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Polioptila californica californica	coastal California gnatcatcher	FT/SSC	Nests and forages in various sage scrub communities, often dominated by California sagebrush and buckwheat; generally avoids nesting in areas with a slope of greater than 40%; majority of nesting at less than 1,000 feet above mean sea level	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Riparia riparia (nesting)	bank swallow	None/ST	Nests in riparian, lacustrine, and coastal areas with vertical banks, bluffs, and cliffs with sandy soils; open country and water during migration	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Sternula antillarum browni (nesting colony)	California least tern	FE/FP, SE	Forages in shallow estuaries and lagoons; nests on sandy beaches or exposed tidal flats	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Vireo bellii pusillus (nesting)	least Bell's vireo	FE/SE	Nests and forages in low, dense riparian thickets along water or along dry parts of intermittent streams; forages in riparian and adjacent shrubland late in nesting season	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.

Special-Status Wildlife Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status[1] (Federal/State)	Habitat	Potential to Occur[2]
Mammals				
Antrozous pallidus	pallid bat	None/SSC	Grasslands, shrublands, woodlands, forests; most common in open, dry habitats with rocky outcrops for roosting, but also roosts in man-made structures and trees	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Eumops perotis californicus	western mastiff bat	None/SSC	Chaparral, coastal and desert scrub, coniferous and deciduous forest and woodland; roosts in crevices in rocky canyons and cliffs where the canyon or cliff is vertical or nearly vertical, trees, and tunnels	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Lasionycteris noctivagans	silver-haired bat	None/None	Old-growth forest, maternity roosts in trees, large snags 50 feet aboveground; hibernates in hollow trees, rock crevices, buildings, mines, caves, and under sloughing bark; forages in or near coniferous or mixed deciduous forest, stream or river drainages	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Lasiurus cinereus	hoary bat	None/None	Forest, woodland riparian, and wetland habitats; also juniper scrub, riparian forest, and desert scrub in arid areas; roosts in tree foliage and sometimes cavities, such as woodpecker holes	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Microtus californicus stephensi	south coast marsh vole	None/SSC	Tidal marshes	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Nyctinomops femorosaccus	pocketed free-tailed bat	None/SSC	Pinyon–juniper woodlands, desert scrub, desert succulent shrub, desert riparian, desert wash, alkali desert scrub, Joshua tree, and palm oases; roosts in high cliffs or rock outcrops with drop-offs, caverns, and buildings	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Nyctinomops macrotis	big free-tailed bat	None/SSC	Rocky areas; roosts in caves, holes in trees, buildings, and crevices on cliffs and rocky outcrops; forages over water	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.

Special-Status Wildlife Species Potential to Occur within the Project Site (Continued)

Scientific Name	Common Name	Status[1] (Federal/State)	Habitat	Potential to Occur[2]
Perognathus longimembris pacificus	Pacific pocket mouse	FE/SSC	fine-grained sandy substrates in open coastal strand, coastal dunes, and river alluvium	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Sorex ornatus salicornicus	southern California saltmarsh shrew	None/SSC	Saltmarsh, saltgrass, dense willow, bulrush	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.
Taxidea taxus	American badger	None/SSC	Dry, open, treeless areas; grasslands, coastal scrub, agriculture, and pastures, especially with friable soils	Not expected to occur. Suitable habitat for the species is not present within or adjacent to the project site.

Notes:

[1] Status abbreviations:
- FE: Federally listed as endangered
- FT: Federally listed as threatened
- FC: Federal Candidate for listing
- FDL: Federal Delisted
- BCC: Bird of Conservation Concern – U.S. Fish and Wildlife Service
- SE: State listed as endangered
- ST: State listed as threatened
- CSE: State Candidate for listing as endangered
- FP: Fully Protected – State of California
- SDL: State Delisted
- SSC: Species of Special Concern – California Department of Fish and Wildlife
- WL: Watch List – California Department of Fish and Wildlife

[2] Refers to records within the U.S. Geologic Survey's *Los Angeles* 7.5-minute quadrangle (quad) and the eight surrounding quads.

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